

USER GUIDE FOR THE 2002 SURFACE TRANSPORTATION BOARD CARLOAD WAYBILL SAMPLE



BUSINESS SERVICES DIVISION

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SECTION 1 – SUMMARY OF 2002 WAYBILL PROCESSING

RAILINC team has collected and processed 590,229 waybills for inclusion in the 2002 Carload Waybill Sample.

As of the June 1, 2003 cutoff date for processing the 2002 Sample, there were no late reporting roads.

*TABLE 1-1A provides a detailed breakdown of the total 2002 Waybill Statistics by two-digit Standard Transportation Commodity Code (STCC). Both raw and factored-to-population data for carloads, tonnage, and line-haul revenue are provided, in addition to a count of the number of waybills from which the data was derived.

TABLE 1-1B provides a Three Year (2000 – 2002) **Carload** History from Waybill Statistics by two-digit Standard Transportation Commodity Code (STCC).US, Canadian and Mexican Origins.

*TABLE 1-1C provides a Three Year (2000 – 2002) **Revenue** History from Waybill Statistics by two-digit Standard Transportation Commodity Code (STCC).US, Canadian and Mexican Origins.

TABLE 1-1D provides a Three Year (2000 – 2002) **Tonnage** History from Waybill Statistics by two-digit Standard Transportation Commodity Code (STCC).US, Canadian and Mexican Origins.

Figure 1-1 provides graphical views of the Three year history of the top six commodity groups and all others.

*TABLE 1-2A provides a breakdown similar to that of TABLE 1-1A, for 2002 Waybills with United States origins only. U.S. origins accounted for 559,918 originated waybills (94.8 percent of those sampled).

TABLE 1-2B provides a Three Year (2000 – 2002) **Carload** History from Waybill Statistics by two-digit Standard Transportation Commodity Code (STCC). US Origins Only.

*TABLE 1-2C provides a Three Year (2000 – 2002) **Revenue** History from Waybill Statistics by two-digit Standard Transportation Commodity Code (STCC). US Origins Only.

TABLE 1-2D provides a Three Year (2000 – 2002) **Tonnage** History from Waybill Statistics by two-digit Standard Transportation Commodity Code (STCC). US Origins Only.

Figure 1-2 provides graphical views of the Three year history of the top six commodity groups and all others. US origins only.

*TABLE 1-3A provides a breakdown similar to that of TABLE 1-1, for 2002 Waybill traffic for Canadian originations only. Canadian originations were a larger percent (0.87%) of the total sample than in 2001, accounting for 29,914 originated waybills.

TABLE 1-3B provides a Three Year (2000 – 2002) **Carload** History from Waybill Statistics by two-digit Standard Transportation Commodity Code (STCC). Canadian Origins Only.

*TABLE 1-3C provides a Three Year (2000 – 2002) **Revenue** History from Waybill Statistics by two-digit Standard Transportation Commodity Code (STCC). Canadian Origins Only.

TABLE 1-3D provides a Three Year (2000 – 2002) **Tonnage** History from Waybill Statistics by two-digit Standard Transportation Commodity Code (STCC). Canadian Origins Only.

Figure 1-3 provides graphical views of the Three year history of the top six commodity groups and all others. Canadian origins only.

*TABLE 1-4A provides a breakdown similar to that of TABLE 1-1, for 2002 Waybill traffic for Mexican originations only. Mexican originations were a slightly larger percent (0.7%) of the total sample than in 2001, accounting for 397 originated waybills.

TABLE 1-4B provides a Three Year (2000 – 2002) **Carload** History from Waybill Statistics by two-digit Standard Transportation Commodity Code (STCC). Mexican Origins Only.

*TABLE 1-4C provides a Three Year (2000 – 2002) **Revenue** History from Waybill Statistics by two-digit Standard Transportation Commodity Code (STCC). Mexican Origins Only.

TABLE 1-4D provides a Three Year (2000 – 2002) **Tonnage** History from Waybill Statistics by two-digit Standard Transportation Commodity Code (STCC). Mexican Origins Only.

Figure 1-4 provides graphical views of the Three year history of the top six commodity groups and all others. Mexican Origins Only.

****Railroads are permitted to "mask" contract revenue with a calculated figure. Because these figures may not represent actual revenue, use of this revenue data in any type of comparison may lead to wrong or misleading results.***

TABLE 1-1A
2002 WAYBILL SAMPLE
ESTIMATES OF TOTAL POPULATION
***UNITED STATES, CANADIAN AND MEXICAN ORIGINS**
CARLOADS, TONNAGE AND REVENUE BY 2-DIGIT STCC

2002							
2-DIGIT STCC	WAYBILLS SAMPLED	ESTIMATES FOR TOTAL POPULATION					
		TOTAL CARLOADS	PERCENT OF POPULATION	TOTAL REVENUE	PERCENT OF POPULATION	TOTAL TONNAGE	PERCENT OF POPULATION
01	16,168	1,661,697	5.0%	\$ 3,148,953,056	6.8%	156,676,843	7.5%
08	194	7,856	0.0%	8,604,356	0.0%	300,312	0.0%
09	135	5,400	0.0%	4,268,920	0.0%	113,520	0.0%
10	3,689	799,230	2.4%	443,868,854	1.0%	68,337,447	3.3%
11	36,701	7,677,018	23.0%	9,035,358,557	19.5%	848,330,703	40.6%
13	103	9,964	0.0%	10,166,776	0.0%	870,052	0.0%
14	14,889	1,537,096	4.6%	1,115,111,329	2.4%	149,497,160	7.1%
19	68	3,372	0.0%	11,035,028	0.0%	172,844	0.0%
20	37,494	1,641,369	4.9%	3,223,678,795	6.9%	114,764,064	5.5%
21	3	180	0.0%	500,800	0.0%	10,800	0.0%
22	432	17,280	0.1%	15,521,200	0.0%	324,160	0.0%
23	3,008	120,757	0.4%	104,329,766	0.2%	1,875,818	0.1%
24	22,683	965,649	2.9%	2,483,366,358	5.4%	73,029,272	3.5%
25	1,735	69,400	0.2%	70,518,480	0.2%	883,680	0.0%
26	22,796	925,988	2.8%	2,282,663,064	4.9%	56,416,560	2.7%
27	699	27,960	0.1%	26,011,720	0.1%	539,000	0.0%
28	35,791	1,613,338	4.8%	4,542,572,795	9.8%	134,538,705	6.4%
29	6,963	416,034	1.2%	738,083,501	1.6%	33,198,112	1.6%
30	3,286	131,508	0.4%	135,165,980	0.3%	1,844,676	0.1%
31	103	4,180	0.0%	5,182,020	0.0%	70,150	0.0%
32	15,164	702,312	2.1%	1,419,208,800	3.1%	61,414,396	2.9%
33	16,905	797,280	2.4%	1,596,947,017	3.4%	67,523,408	3.2%
34	1,069	43,132	0.1%	79,545,528	0.2%	1,105,440	0.1%
35	1,027	41,128	0.1%	76,815,208	0.2%	891,316	0.0%
36	3,626	145,176	0.4%	233,442,944	0.5%	2,186,360	0.1%
37	62,139	2,528,836	7.6%	5,315,279,365	11.5%	54,301,612	2.6%
38	141	5,640	0.0%	5,168,720	0.0%	65,000	0.0%
39	1,229	49,220	0.1%	54,259,300	0.1%	680,160	0.0%
40	15,052	676,597	2.0%	851,472,950	1.8%	45,781,338	2.2%
41	3,286	145,144	0.4%	211,879,251	0.5%	2,751,417	0.1%
42	36,965	1,479,878	4.4%	531,802,232	1.1%	9,460,528	0.5%
43	2,450	98,188	0.3%	134,285,200	0.3%	1,931,792	0.1%
44	44	1,900	0.0%	1,727,120	0.0%	33,772	0.0%
45	904	36,160	0.1%	43,824,280	0.1%	582,320	0.0%
46	186,337	7,454,076	22.3%	5,311,393,528	11.4%	112,056,404	5.4%
47	3,870	154,800	0.5%	188,427,920	0.4%	1,756,800	0.1%
48	416	16,716	0.1%	54,673,404	0.1%	1,102,728	0.1%
49	32,645	1,373,102	4.1%	2,883,155,046	6.2%	86,365,744	4.1%
50	20	1,044	0.0%	2,243,488	0.0%	57,804	0.0%
TOTALS	590,229	33,385,605	100.0%	\$ 46,400,512,656	100.0%	2,091,842,217	100.0%

**Railroads are permitted to "mask" contract revenue with a calculated figure. Because these figures may not represent actual revenue, use of this revenue data in any type of comparison may lead to wrong or misleading results.*

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TABLE 1-1B
CARLOADS 3-YEAR HISTORY FROM WAYBILL SAMPLES
ESTIMATES OF TOTAL POPULATION
UNITED STATES, CANADIAN AND MEXICAN ORIGINS
BY 2-DIGIT STCC

CARLOAD ESTIMATES FOR TOTAL POPULATION						
2-DIGIT STCC	2002		2001		2000	
	TOTAL CARLOADS	PERCENT OF POPULATION	TOTAL CARLOADS	PERCENT OF POPULATION	TOTAL CARLOADS	PERCENT OF POPULATION
01	1,661,697	5.0%	1,699,338	5.2%	1,638,081	5.0%
08	7,856	0.0%	8,116	0.0%	13,168	0.0%
09	5,400	0.0%	4,560	0.0%	3,840	0.0%
10	799,230	2.4%	763,656	2.3%	835,601	2.5%
11	7,677,018	23.0%	7,932,854	24.2%	7,324,861	22.3%
13	9,964	0.0%	9,704	0.0%	11,920	0.0%
14	1,537,096	4.6%	1,529,020	4.7%	1,535,111	4.7%
19	3,372	0.0%	2,196	0.0%	1,736	0.0%
20	1,641,369	4.9%	1,644,950	5.0%	1,551,991	4.7%
21	180	0.0%	480	0.0%	720	0.0%
22	17,280	0.1%	19,800	0.1%	12,640	0.0%
23	120,757	0.4%	107,140	0.3%	83,020	0.3%
24	965,649	2.9%	947,172	2.9%	967,413	2.9%
25	69,400	0.2%	83,720	0.3%	61,760	0.2%
26	925,988	2.8%	917,548	2.8%	964,764	2.9%
27	27,960	0.1%	28,400	0.1%	27,280	0.1%
28	1,613,338	4.8%	1,524,824	4.6%	1,461,276	4.4%
29	416,034	1.2%	434,196	1.3%	410,926	1.2%
30	131,508	0.4%	126,136	0.4%	81,292	0.2%
31	4,180	0.0%	4,080	0.0%	5,640	0.0%
32	702,312	2.1%	678,747	2.1%	677,326	2.1%
33	797,280	2.4%	787,536	2.4%	868,556	2.6%
34	43,132	0.1%	56,302	0.2%	33,752	0.1%
35	41,128	0.1%	53,496	0.2%	38,304	0.1%
36	145,176	0.4%	130,756	0.4%	99,340	0.3%
37	2,528,836	7.6%	2,433,558	7.4%	2,654,804	8.1%
38	5,640	0.0%	5,460	0.0%	3,560	0.0%
39	49,220	0.1%	59,740	0.2%	38,000	0.1%
40	676,597	2.0%	653,195	2.0%	678,552	2.1%
41	145,144	0.4%	158,173	0.5%	150,225	0.5%
42	1,479,878	4.4%	1,412,672	4.3%	1,374,756	4.2%
43	98,188	0.3%	125,780	0.4%	140,860	0.4%
44	1,900	0.0%	80	0.0%	240	0.0%
45	36,160	0.1%	35,000	0.1%	75,020	0.2%
46	7,454,076	22.3%	6,919,339	21.1%	7,453,416	22.7%
47	154,800	0.5%	186,040	0.6%	191,040	0.6%
48	16,716	0.1%	15,420	0.0%	20,360	0.1%
49	1,373,102	4.1%	1,332,191	4.1%	1,398,341	4.3%
50	1,044	0.0%	1,016	0.0%	860	0.0%
TOTALS	33,385,605	100.0%	32,832,391	100.0%	32,890,352	100.0%

BUSINESS SERVICES DIVISION
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TABLE 1-1C
***REVENUE 3-YEAR HISTORY FROM WAYBILL SAMPLES**
ESTIMATES OF TOTAL POPULATION
UNITED STATES, CANADIAN AND MEXICAN ORIGINS
BY 2-DIGIT STCC

REVENUE ESTIMATES FOR TOTAL POPULATION						
2-DIGIT STCC	2002		2001		2000	
	TOTAL REVENUE	PERCENT OF POPULATION	TOTAL REVENUE	PERCENT OF POPULATION	TOTAL REVENUE	PERCENT OF POPULATION
01	\$ 3,148,953,056	6.8%	\$ 3,170,426,194	7.0%	\$ 2,978,208,291	6.7%
08	8,604,356	0.0%	9,882,384	0.0%	12,135,240	0.0%
09	4,268,920	0.0%	2,856,000	0.0%	2,465,120	0.0%
10	443,868,854	1.0%	471,124,766	1.0%	470,004,340	1.1%
11	9,035,358,557	19.5%	9,463,047,448	21.0%	8,763,701,175	19.8%
13	10,166,776	0.0%	9,488,252	0.0%	10,958,076	0.0%
14	1,115,111,329	2.4%	1,125,686,832	2.5%	1,087,888,020	2.5%
19	11,035,028	0.0%	7,101,840	0.0%	5,321,068	0.0%
20	3,223,678,795	6.9%	3,174,127,029	7.0%	2,936,363,149	6.6%
21	500,800	0.0%	333,600	0.0%	675,920	0.0%
22	15,521,200	0.0%	20,070,280	0.0%	15,499,920	0.0%
23	104,329,766	0.2%	91,285,560	0.2%	71,331,560	0.2%
24	2,483,366,358	5.4%	2,239,836,026	5.0%	2,247,657,643	5.1%
25	70,518,480	0.2%	85,091,600	0.2%	62,815,680	0.1%
26	2,282,663,064	4.9%	2,202,645,224	4.9%	2,318,193,696	5.2%
27	26,011,720	0.1%	27,556,320	0.1%	25,542,680	0.1%
28	4,542,572,795	9.8%	4,035,751,105	9.0%	3,819,752,582	8.6%
29	738,083,501	1.6%	665,122,746	1.5%	634,068,086	1.4%
30	135,165,980	0.3%	123,207,480	0.3%	89,828,608	0.2%
31	5,182,020	0.0%	4,445,120	0.0%	4,610,280	0.0%
32	1,419,208,800	3.1%	1,400,869,750	3.1%	1,397,769,121	3.2%
33	1,596,947,017	3.4%	1,592,241,388	3.5%	1,673,052,409	3.8%
34	79,545,528	0.2%	82,313,876	0.2%	58,381,076	0.1%
35	76,815,208	0.2%	94,785,416	0.2%	65,867,428	0.1%
36	233,442,944	0.5%	189,236,024	0.4%	151,700,460	0.3%
37	5,315,279,365	11.5%	5,019,448,036	11.1%	5,197,202,724	11.7%
38	5,168,720	0.0%	5,342,280	0.0%	4,209,160	0.0%
39	54,259,300	0.1%	62,655,560	0.1%	41,792,400	0.1%
40	851,472,950	1.8%	835,256,136	1.9%	846,590,422	1.9%
41	211,879,251	0.5%	203,550,387	0.5%	198,638,888	0.4%
42	531,802,232	1.1%	508,230,728	1.1%	491,315,936	1.1%
43	134,285,200	0.3%	168,563,540	0.4%	188,087,420	0.4%
44	1,727,120	0.0%	35,720	0.0%	173,360	0.0%
45	43,824,280	0.1%	41,277,040	0.1%	88,438,680	0.2%
46	5,311,393,528	11.4%	4,877,718,650	10.8%	5,231,709,560	11.8%
47	188,427,920	0.4%	219,160,560	0.5%	223,790,680	0.5%
48	54,673,404	0.1%	48,668,100	0.1%	68,379,272	0.2%
49	2,883,155,046	6.2%	2,762,010,801	6.1%	2,844,945,911	6.4%
50	2,243,488	0.0%	1,509,916	0.0%	1,074,400	0.0%
TOTALS	\$ 46,400,512,656	100.0%	\$ 45,041,959,714	100.0%	\$ 44,330,140,441	100.0%

**Railroads are permitted to "mask" contract revenue with a calculated figure. Because these figures may not represent actual revenue, use of this revenue data in any type of comparison may lead to wrong or misleading results.*

TABLE 1-1D
TONNAGE 3-YEAR HISTORY FROM WAYBILL SAMPLES
ESTIMATES OF TOTAL POPULATION
UNITED STATES, CANADIAN AND MEXICAN ORIGINS
BY 2-DIGIT STCC

TONNAGE ESTIMATES FOR TOTAL POPULATION						
2-DIGIT STCC	2002		2001		2000	
	TOTAL TONNAGE	PERCENT OF POPULATION	TOTAL TONNAGE	PERCENT OF POPULATION	TOTAL TONNAGE	PERCENT OF POPULATION
01	156,676,843	7.5%	161,310,180	7.7%	156,250,406	7.6%
08	300,312	0.0%	327,772	0.0%	484,188	0.0%
09	113,520	0.0%	88,200	0.0%	75,160	0.0%
10	68,337,447	3.3%	67,552,440	3.2%	73,218,972	3.6%
11	848,330,703	40.6%	871,270,964	41.7%	799,110,908	39.1%
13	870,052	0.0%	827,020	0.0%	1,067,276	0.1%
14	149,497,160	7.1%	149,094,906	7.1%	149,070,436	7.3%
19	172,844	0.0%	133,764	0.0%	97,732	0.0%
20	114,764,064	5.5%	113,679,003	5.4%	108,574,511	5.3%
21	10,800	0.0%	6,720	0.0%	15,120	0.0%
22	324,160	0.0%	377,800	0.0%	248,560	0.0%
23	1,875,818	0.1%	1,613,420	0.1%	1,243,800	0.1%
24	73,029,272	3.5%	72,430,190	3.5%	73,880,173	3.6%
25	883,680	0.0%	1,048,800	0.1%	793,240	0.0%
26	56,416,560	2.7%	54,397,924	2.6%	58,174,076	2.8%
27	539,000	0.0%	544,760	0.0%	529,560	0.0%
28	134,538,705	6.4%	128,711,440	6.2%	125,931,661	6.2%
29	33,198,112	1.6%	33,879,036	1.6%	31,035,989	1.5%
30	1,844,676	0.1%	1,820,880	0.1%	1,278,644	0.1%
31	70,150	0.0%	65,360	0.0%	90,280	0.0%
32	61,414,396	2.9%	59,992,937	2.9%	61,076,858	3.0%
33	67,523,408	3.2%	65,583,287	3.1%	73,001,500	3.6%
34	1,105,440	0.1%	1,208,548	0.1%	917,496	0.0%
35	891,316	0.0%	1,073,016	0.1%	876,892	0.0%
36	2,186,360	0.1%	1,870,880	0.1%	1,445,640	0.1%
37	54,301,612	2.6%	52,325,673	2.5%	58,681,561	2.9%
38	65,000	0.0%	69,560	0.0%	41,840	0.0%
39	680,160	0.0%	873,680	0.0%	659,940	0.0%
40	45,781,338	2.2%	44,045,080	2.1%	46,337,097	2.3%
41	2,751,417	0.1%	2,724,348	0.1%	2,765,181	0.1%
42	9,460,528	0.5%	9,052,928	0.4%	8,896,416	0.4%
43	1,931,792	0.1%	2,433,060	0.1%	2,602,980	0.1%
44	33,772	0.0%	1,320	0.0%	3,520	0.0%
45	582,320	0.0%	570,200	0.0%	1,204,500	0.1%
46	112,056,404	5.4%	104,165,071	5.0%	113,266,920	5.5%
47	1,756,800	0.1%	2,088,560	0.1%	2,159,360	0.1%
48	1,102,728	0.1%	1,103,000	0.1%	1,347,444	0.1%
49	86,365,744	4.1%	82,669,695	4.0%	89,001,821	4.4%
50	57,804	0.0%	65,000	0.0%	41,080	0.0%
TOTALS	2,091,842,217	100.0%	2,091,096,422	100.0%	2,045,498,738	100.0%

BUSINESS SERVICES DIVISION
RAILINC

FIGURE 1-1
TOP SIX COMMODITY GROUPS AND ALL OTHERS
3-YEAR HISTORY OF ESTIMATES FOR TOTAL POPULATION
UNITED STATES, CANADIAN AND MEXICAN ORIGINS
CARLOADS, TONNAGE AND REVENUE BY 2-DIGIT STCC

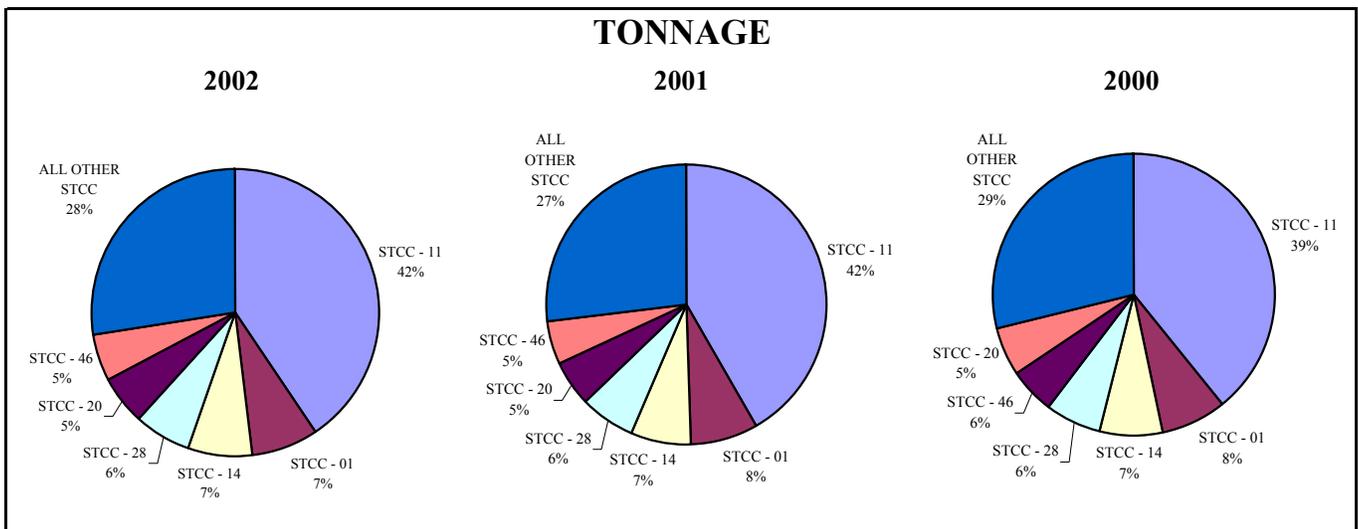
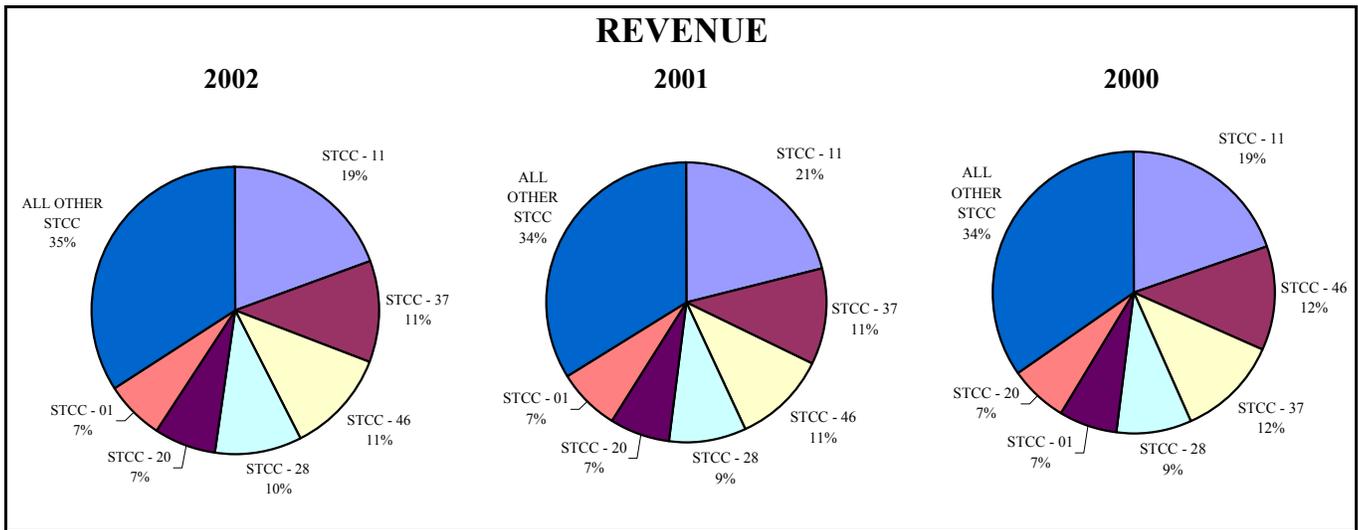
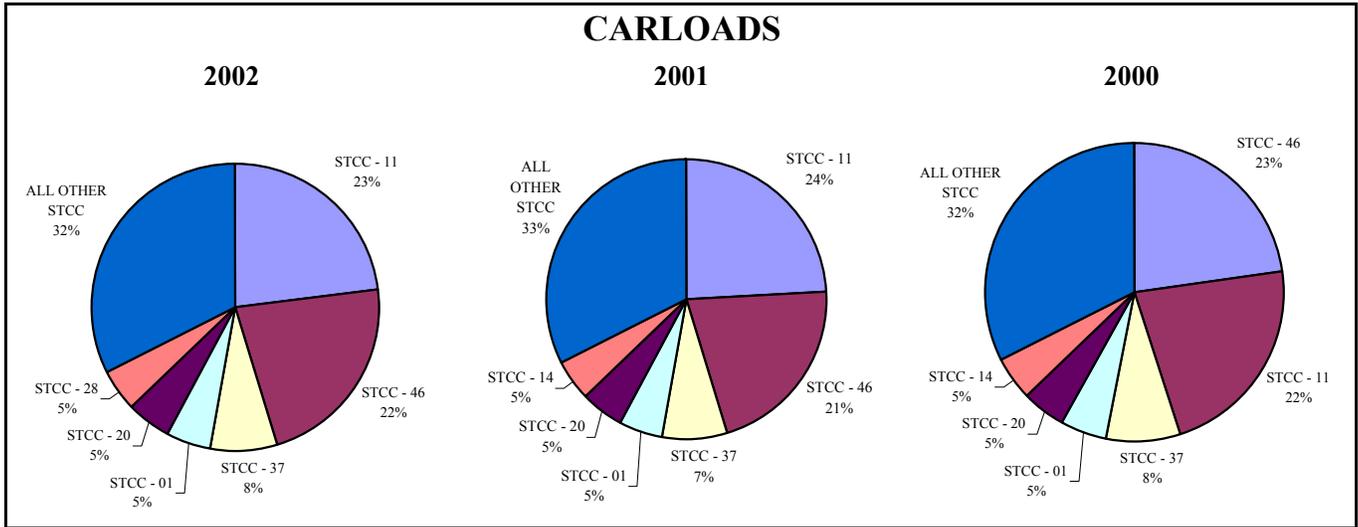


TABLE 1-2A
2002 WAYBILL SAMPLE
ESTIMATES OF TOTAL POPULATION
***UNITED STATES ORIGINS ONLY**
CARLOADS, TONNAGE AND REVENUE BY 2-DIGIT STCC

2002							
2-DIGIT STCC	WAYBILLS SAMPLED	ESTIMATES FOR TOTAL POPULATION					
		TOTAL CARLOADS	PERCENT OF POPULATION	TOTAL REVENUE	PERCENT OF POPULATION	TOTAL TONNAGE	PERCENT OF POPULATION
01	15,413	1,626,772	5.1%	\$ 3,052,344,697	7.2%	153,602,287	7.6%
08	194	7,856	0.0%	8,604,356	0.0%	300,312	0.0%
09	135	5,400	0.0%	4,268,920	0.0%	113,520	0.0%
10	3,635	795,818	2.5%	435,343,554	1.0%	68,010,615	3.4%
11	36,512	7,660,851	23.9%	9,000,144,283	21.1%	846,732,591	42.1%
13	103	9,964	0.0%	10,166,776	0.0%	870,052	0.0%
14	14,787	1,532,956	4.8%	1,106,550,509	2.6%	149,238,160	7.4%
19	68	3,372	0.0%	11,035,028	0.0%	172,844	0.0%
20	36,854	1,612,899	5.0%	3,126,204,327	7.3%	112,780,568	5.6%
21	3	180	0.0%	500,800	0.0%	10,800	0.0%
22	396	15,840	0.0%	11,545,480	0.0%	274,720	0.0%
23	3,001	120,477	0.4%	104,024,606	0.2%	1,871,658	0.1%
24	17,553	756,181	2.4%	1,543,009,690	3.6%	55,872,932	2.8%
25	1,662	66,480	0.2%	66,427,760	0.2%	844,080	0.0%
26	19,246	779,304	2.4%	1,661,181,612	3.9%	45,548,936	2.3%
27	691	27,640	0.1%	25,637,920	0.1%	534,680	0.0%
28	32,633	1,459,052	4.5%	3,909,596,193	9.2%	119,543,501	5.9%
29	6,736	405,226	1.3%	707,834,999	1.7%	32,387,850	1.6%
30	3,150	126,068	0.4%	128,243,140	0.3%	1,746,636	0.1%
31	82	3,340	0.0%	3,949,940	0.0%	58,830	0.0%
32	14,280	665,080	2.1%	1,332,158,040	3.1%	58,251,696	2.9%
33	15,832	753,100	2.3%	1,428,930,457	3.4%	63,667,348	3.2%
34	1,024	41,332	0.1%	72,124,968	0.2%	1,017,880	0.1%
35	994	39,808	0.1%	73,595,768	0.2%	862,276	0.0%
36	3,536	141,576	0.4%	223,454,824	0.5%	2,122,680	0.1%
37	58,165	2,369,432	7.4%	4,976,734,309	11.7%	50,639,200	2.5%
38	139	5,560	0.0%	5,059,920	0.0%	64,360	0.0%
39	1,206	48,300	0.2%	52,797,780	0.1%	647,480	0.0%
40	14,634	657,401	2.0%	820,773,946	1.9%	44,305,814	2.2%
41	3,228	142,824	0.4%	207,894,011	0.5%	2,719,817	0.1%
42	36,392	1,456,958	4.5%	522,778,952	1.2%	9,330,128	0.5%
43	2,450	98,188	0.3%	134,285,200	0.3%	1,931,792	0.1%
44	44	1,900	0.0%	1,727,120	0.0%	33,772	0.0%
45	904	36,160	0.1%	43,824,280	0.1%	582,320	0.0%
46	181,333	7,253,916	22.6%	5,180,302,688	12.2%	108,701,604	5.4%
47	3,869	154,760	0.5%	188,360,000	0.4%	1,756,360	0.1%
48	338	13,536	0.0%	44,480,664	0.1%	985,648	0.0%
49	28,676	1,202,547	3.7%	2,395,310,381	5.6%	72,386,838	3.6%
50	20	1,044	0.0%	2,243,488	0.0%	57,804	0.0%
TOTALS	559,918	32,099,098	100.0%	\$ 42,623,451,386	100.0%	2,010,580,389	100.0%

**Railroads are permitted to "mask" contract revenue with a calculated figure. Because these figures may not represent actual revenue, use of this revenue data in any type of comparison may lead to wrong or misleading results.*

TABLE 1-2B
CARLOADS 3-YEAR HISTORY FROM WAYBILL SAMPLES
ESTIMATES OF TOTAL POPULATION
UNITED STATES ORIGINS ONLY
BY 2-DIGIT STCC

CARLOAD ESTIMATES FOR TOTAL POPULATION						
2-DIGIT STCC	2002		2001		2000	
	TOTAL CARLOADS	PERCENT OF POPULATION	TOTAL CARLOADS	PERCENT OF POPULATION	TOTAL CARLOADS	PERCENT OF POPULATION
01	1,626,772	5.1%	1,652,145	5.2%	1,591,622	5.0%
08	7,856	0.0%	8,116	0.0%	13,168	0.0%
09	5,400	0.0%	4,560	0.0%	3,840	0.0%
10	795,818	2.5%	760,016	2.4%	832,017	2.6%
11	7,660,851	23.9%	7,911,394	25.0%	7,312,595	23.1%
13	9,964	0.0%	9,704	0.0%	11,920	0.0%
14	1,532,956	4.8%	1,524,050	4.8%	1,531,991	4.8%
19	3,372	0.0%	2,196	0.0%	1,736	0.0%
20	1,612,899	5.0%	1,619,566	5.1%	1,526,275	4.8%
21	180	0.0%	480	0.0%	720	0.0%
22	15,840	0.0%	17,880	0.1%	10,840	0.0%
23	120,477	0.4%	106,940	0.3%	82,980	0.3%
24	756,181	2.4%	767,804	2.4%	792,753	2.5%
25	66,480	0.2%	81,360	0.3%	58,480	0.2%
26	779,304	2.4%	781,528	2.5%	818,148	2.6%
27	27,640	0.1%	28,320	0.1%	27,240	0.1%
28	1,459,052	4.5%	1,385,067	4.4%	1,330,004	4.2%
29	405,226	1.3%	426,738	1.3%	404,722	1.3%
30	126,068	0.4%	122,176	0.4%	78,492	0.2%
31	3,340	0.0%	4,080	0.0%	5,640	0.0%
32	665,080	2.1%	649,351	2.0%	644,902	2.0%
33	753,100	2.3%	749,356	2.4%	833,296	2.6%
34	41,332	0.1%	55,146	0.2%	32,532	0.1%
35	39,808	0.1%	52,300	0.2%	37,584	0.1%
36	141,576	0.4%	128,676	0.4%	97,660	0.3%
37	2,369,432	7.4%	2,277,626	7.2%	2,484,560	7.8%
38	5,560	0.0%	5,420	0.0%	3,560	0.0%
39	48,300	0.2%	58,900	0.2%	37,160	0.1%
40	657,401	2.0%	635,183	2.0%	662,632	2.1%
41	142,824	0.4%	157,373	0.5%	149,865	0.5%
42	1,456,958	4.5%	1,393,752	4.4%	1,361,516	4.3%
43	98,188	0.3%	125,740	0.4%	140,820	0.4%
44	1,900	0.0%	80	0.0%	240	0.0%
45	36,160	0.1%	35,000	0.1%	75,020	0.2%
46	7,253,916	22.6%	6,760,799	21.3%	7,271,436	22.9%
47	154,760	0.5%	186,040	0.6%	191,040	0.6%
48	13,536	0.0%	14,460	0.0%	18,800	0.1%
49	1,202,547	3.7%	1,196,828	3.8%	1,243,379	3.9%
50	1,044	0.0%	1,016	0.0%	860	0.0%
TOTALS	32,099,098	100.0%	31,697,166	100.0%	31,722,045	100.0%

BUSINESS SERVICES DIVISION
RAILINC

TABLE 1-2C
***REVENUE 3-YEAR HISTORY FROM WAYBILL SAMPLES**
ESTIMATES OF TOTAL POPULATION
UNITED STATES ORIGINS ONLY
BY 2-DIGIT STCC

REVENUE ESTIMATES FOR TOTAL POPULATION						
2-DIGIT STCC	2002		2001		2000	
	TOTAL REVENUE	PERCENT OF POPULATION	TOTAL REVENUE	PERCENT OF POPULATION	TOTAL REVENUE	PERCENT OF POPULATION
01	\$ 3,052,344,697	7.2%	\$ 3,045,667,080	7.3%	\$ 2,864,620,250	7.0%
08	8,604,356	0.0%	9,882,384	0.0%	12,135,240	0.0%
09	4,268,920	0.0%	2,856,000	0.0%	2,465,120	0.0%
10	435,343,554	1.0%	486,721,952	1.2%	461,149,904	1.1%
11	9,000,144,283	21.1%	9,438,518,400	22.6%	8,736,269,395	21.3%
13	10,166,776	0.0%	9,488,252	0.0%	10,958,076	0.0%
14	1,106,550,509	2.6%	1,117,380,347	2.7%	1,082,449,340	2.6%
19	11,035,028	0.0%	7,101,840	0.0%	5,321,068	0.0%
20	3,126,204,327	7.3%	3,084,571,641	7.4%	2,854,762,113	7.0%
21	500,800	0.0%	333,600	0.0%	675,920	0.0%
22	11,545,480	0.0%	14,019,800	0.0%	10,054,840	0.0%
23	104,024,606	0.2%	90,994,160	0.2%	71,331,560	0.2%
24	1,543,009,690	3.6%	1,476,656,942	3.5%	1,463,519,303	3.6%
25	66,427,760	0.2%	82,176,080	0.2%	59,744,480	0.1%
26	1,661,181,612	3.9%	1,622,087,644	3.9%	1,697,250,164	4.1%
27	25,637,920	0.1%	27,470,840	0.1%	25,515,880	0.1%
28	3,909,596,193	9.2%	3,498,225,502	8.4%	3,298,065,110	8.0%
29	707,834,999	1.7%	648,216,223	1.6%	619,242,866	1.5%
30	128,243,140	0.3%	118,164,520	0.3%	86,205,328	0.2%
31	3,949,940	0.0%	4,445,120	0.0%	4,610,280	0.0%
32	1,332,158,040	3.1%	1,321,939,628	3.2%	1,308,923,005	3.2%
33	1,428,930,457	3.4%	1,447,555,648	3.5%	1,552,724,269	3.8%
34	72,124,968	0.2%	79,312,832	0.2%	54,169,036	0.1%
35	73,595,768	0.2%	92,518,416	0.2%	64,303,788	0.2%
36	223,454,824	0.5%	184,510,044	0.4%	148,270,820	0.4%
37	4,976,734,309	11.7%	4,674,110,196	11.2%	4,861,758,888	11.9%
38	5,059,920	0.0%	5,269,280	0.0%	4,209,160	0.0%
39	52,797,780	0.1%	61,209,120	0.1%	40,861,520	0.1%
40	820,773,946	1.9%	808,925,112	1.9%	823,545,142	2.0%
41	207,894,011	0.5%	202,466,487	0.5%	197,874,368	0.5%
42	522,778,952	1.2%	500,638,508	1.2%	485,325,096	1.2%
43	134,285,200	0.3%	168,590,340	0.4%	188,004,740	0.5%
44	1,727,120	0.0%	35,720	0.0%	173,360	0.0%
45	43,824,280	0.1%	41,277,040	0.1%	88,438,680	0.2%
46	5,180,302,688	12.2%	4,777,078,410	11.4%	5,114,282,000	12.5%
47	188,360,000	0.4%	219,160,560	0.5%	223,790,680	0.5%
48	44,480,664	0.1%	45,650,660	0.1%	62,740,552	0.2%
49	2,395,310,381	5.6%	2,372,510,026	5.7%	2,410,419,590	5.9%
50	2,243,488	0.0%	1,509,916	0.0%	1,074,400	0.0%
TOTALS	\$ 42,623,451,386	100.0%	\$ 41,789,246,270	100.0%	\$ 40,997,235,331	100.0%

**Railroads are permitted to "mask" contract revenue with a calculated figure.
Because these figures may not represent actual revenue, use of this revenue data in
any type of comparison may lead to wrong or misleading results.*

**BUSINESS SERVICES DIVISION
RAILINC**

TABLE 1-2D
TONNAGE 3-YEAR HISTORY FROM WAYBILL SAMPLES
ESTIMATES OF TOTAL POPULATION
UNITED STATES ORIGINS ONLY
BY 2-DIGIT STCC

TONNAGE ESTIMATES FOR TOTAL POPULATION						
2-DIGIT STCC	2002		2001		2000	
	TOTAL TONNAGE	PERCENT OF POPULATION	TOTAL TONNAGE	PERCENT OF POPULATION	TOTAL TONNAGE	PERCENT OF POPULATION
01	153,602,287	7.6%	157,167,042	7.8%	152,113,146	7.7%
08	300,312	0.0%	327,772	0.0%	484,188	0.0%
09	113,520	0.0%	88,200	0.0%	75,160	0.0%
10	68,010,615	3.4%	67,197,360	3.3%	72,866,768	3.7%
11	846,732,591	42.1%	869,156,836	43.1%	797,878,644	40.5%
13	870,052	0.0%	827,020	0.0%	1,067,276	0.1%
14	149,238,160	7.4%	148,767,906	7.4%	148,935,916	7.6%
19	172,844	0.0%	133,764	0.0%	97,732	0.0%
20	112,780,568	5.6%	111,703,831	5.5%	106,609,479	5.4%
21	10,800	0.0%	6,720	0.0%	15,120	0.0%
22	274,720	0.0%	290,760	0.0%	168,360	0.0%
23	1,871,658	0.1%	1,609,500	0.1%	1,243,080	0.1%
24	55,872,932	2.8%	57,902,998	2.9%	59,812,249	3.0%
25	844,080	0.0%	1,020,720	0.1%	759,560	0.0%
26	45,548,936	2.3%	44,549,484	2.2%	47,484,904	2.4%
27	534,680	0.0%	543,120	0.0%	529,480	0.0%
28	119,543,501	5.9%	115,120,235	5.7%	113,187,676	5.7%
29	32,387,850	1.6%	33,330,938	1.7%	30,558,169	1.5%
30	1,746,636	0.1%	1,753,520	0.1%	1,239,484	0.1%
31	58,830	0.0%	65,360	0.0%	90,280	0.0%
32	58,251,696	2.9%	57,285,837	2.8%	58,075,902	2.9%
33	63,667,348	3.2%	62,283,167	3.1%	69,960,360	3.5%
34	1,017,880	0.1%	1,142,140	0.1%	837,176	0.0%
35	862,276	0.0%	1,051,792	0.1%	855,252	0.0%
36	2,122,680	0.1%	1,843,520	0.1%	1,423,400	0.1%
37	50,639,200	2.5%	48,799,493	2.4%	54,854,985	2.8%
38	64,360	0.0%	69,200	0.0%	41,840	0.0%
39	647,480	0.0%	848,960	0.0%	650,540	0.0%
40	44,305,814	2.2%	42,679,052	2.1%	45,188,337	2.3%
41	2,719,817	0.1%	2,715,828	0.1%	2,758,421	0.1%
42	9,330,128	0.5%	8,935,208	0.4%	8,822,896	0.4%
43	1,931,792	0.1%	2,429,060	0.1%	2,602,340	0.1%
44	33,772	0.0%	1,320	0.0%	3,520	0.0%
45	582,320	0.0%	570,200	0.0%	1,204,500	0.1%
46	108,701,604	5.4%	101,511,111	5.0%	110,355,240	5.6%
47	1,756,360	0.1%	2,088,560	0.1%	2,159,360	0.1%
48	985,648	0.0%	1,063,320	0.1%	1,255,844	0.1%
49	72,386,838	3.6%	71,685,666	3.6%	76,183,762	3.9%
50	57,804	0.0%	65,000	0.0%	41,080	0.0%
TOTALS	2,010,580,389	100.0%	2,018,631,520	100.0%	1,972,491,426	100.0%

BUSINESS SERVICES DIVISION
RAILINC

**FIGURE 1-2
TOP SIX COMMODITY GROUPS AND ALL OTHERS
3-YEAR HISTORY OF ESTIMATES FOR TOTAL POPULATION
UNITED STATES ORIGINS ONLY
CARLOADS, TONNAGE AND REVENUE BY 2-DIGIT STCC**

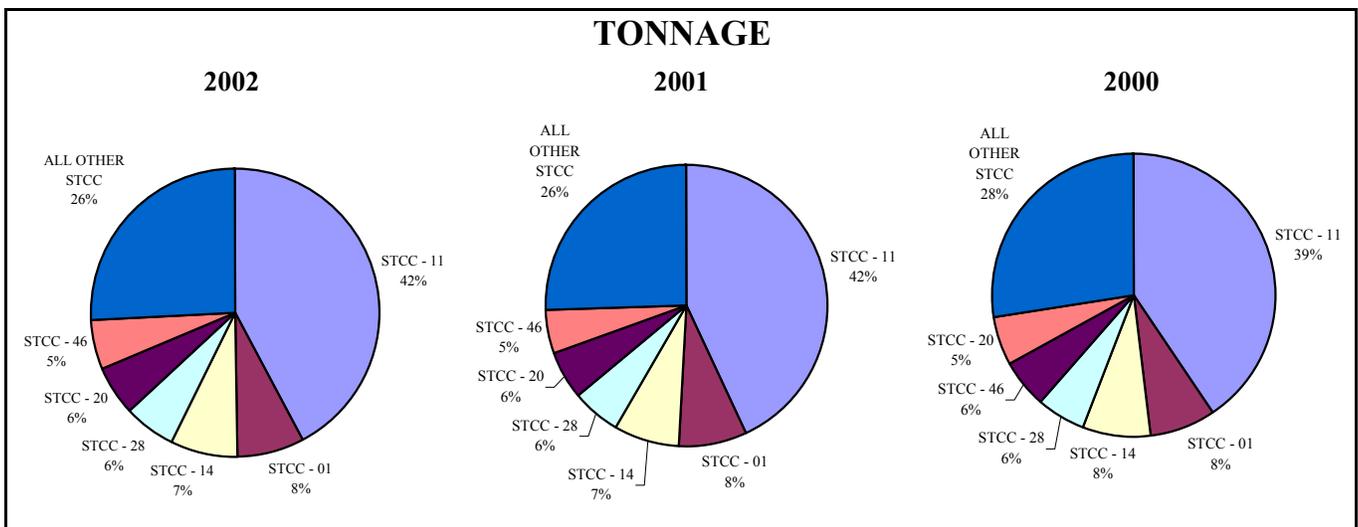
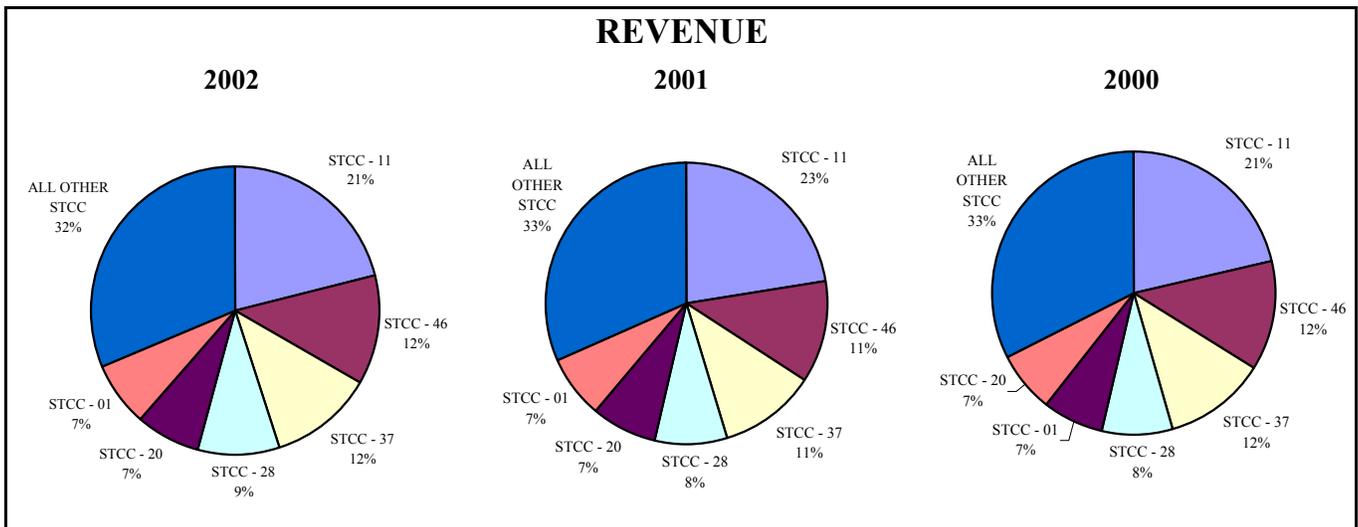
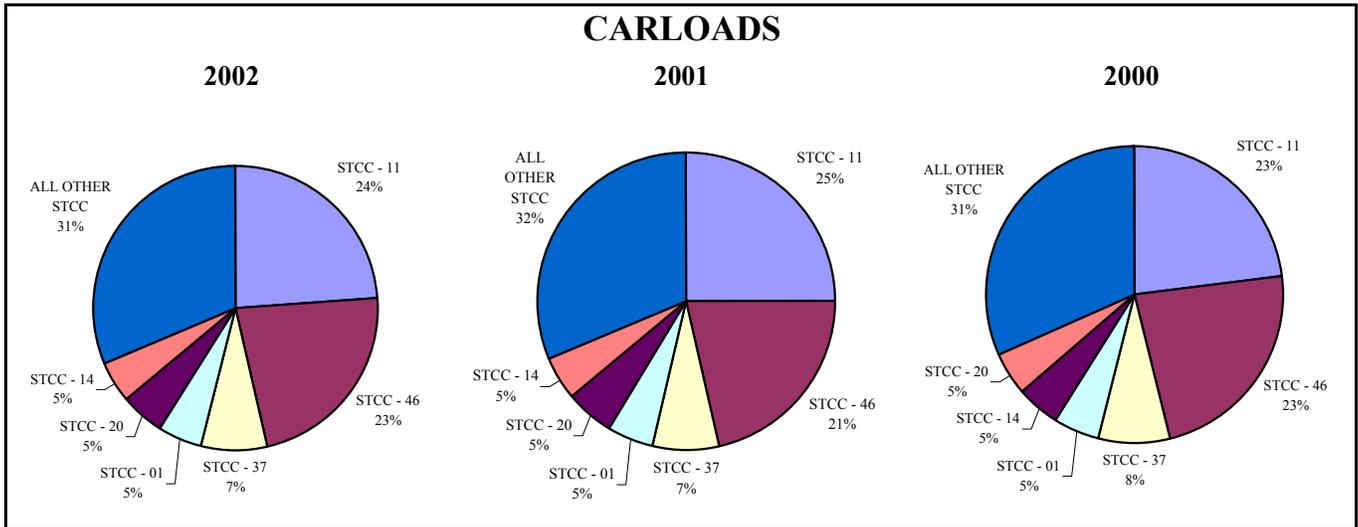


TABLE 1-3A
2002 WAYBILL SAMPLE
ESTIMATES OF TOTAL POPULATION
***CANADIAN ORIGINS ONLY**
CARLOADS, TONNAGE AND REVENUE BY 2-DIGIT STCC

2002							
2-DIGIT STCC	WAYBILLS SAMPLED	ESTIMATES FOR TOTAL POPULATION					
		TOTAL CARLOADS	PERCENT OF POPULATION	TOTAL REVENUE	PERCENT OF POPULATION	TOTAL TONNAGE	PERCENT OF POPULATION
01	754	34,885	2.7%	\$ 96,528,679	2.6%	3,073,796	3.8%
10	54	3,412	0.3%	8,525,300	0.2%	326,832	0.4%
11	189	16,167	1.3%	35,214,274	0.9%	1,598,112	2.0%
14	102	4,140	0.3%	8,560,820	0.2%	259,000	0.3%
20	605	26,934	2.1%	91,857,624	2.5%	1,896,904	2.3%
22	36	1,440	0.1%	3,975,720	0.1%	49,440	0.1%
23	7	280	0.0%	305,160	0.0%	4,160	0.0%
24	5,125	209,268	16.5%	939,579,068	25.3%	17,141,180	21.2%
25	70	2,800	0.2%	3,853,240	0.1%	37,560	0.0%
26	3,549	146,644	11.5%	621,424,212	16.7%	10,867,304	13.5%
27	8	320	0.0%	373,800	0.0%	4,320	0.0%
28	3,105	152,166	12.0%	628,937,002	16.9%	14,929,684	18.5%
29	221	10,568	0.8%	29,776,422	0.8%	790,422	1.0%
30	128	5,120	0.4%	6,446,520	0.2%	92,760	0.1%
31	21	840	0.1%	1,232,080	0.0%	11,320	0.0%
32	884	37,232	2.9%	87,050,760	2.3%	3,162,700	3.9%
33	1,066	43,900	3.5%	167,137,680	4.5%	3,835,900	4.7%
34	44	1,760	0.1%	7,298,720	0.2%	86,880	0.1%
35	30	1,200	0.1%	3,047,640	0.1%	28,000	0.0%
36	69	2,760	0.2%	8,911,280	0.2%	56,080	0.1%
37	3,832	153,724	12.1%	301,875,536	8.1%	3,502,332	4.3%
38	2	80	0.0%	108,800	0.0%	640	0.0%
39	23	920	0.1%	1,461,520	0.0%	32,680	0.0%
40	412	18,956	1.5%	30,369,564	0.8%	1,469,964	1.8%
41	19	760	0.1%	990,120	0.0%	13,720	0.0%
42	528	21,120	1.7%	7,188,720	0.2%	120,680	0.1%
46	5,003	200,120	15.8%	130,933,320	3.5%	3,354,080	4.2%
47	1	40	0.0%	67,920	0.0%	440	0.0%
48	78	3,180	0.3%	10,192,740	0.3%	117,080	0.1%
49	3,949	169,755	13.4%	484,216,465	13.0%	13,910,386	17.2%
TOTALS	29,914	1,270,491	100.0%	\$ 3,717,440,706	100.0%	80,774,356	100.0%

**Railroads are permitted to "mask" contract revenue with a calculated figure. Because these figures may not represent actual revenue, use of this revenue data in any type of comparison may lead to wrong or misleading results.*

BUSINESS SERVICES DIVISION
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TABLE 1-3B
CARLOADS 3-YEAR HISTORY FROM WAYBILL SAMPLES
ESTIMATES OF TOTAL POPULATION
CANADIAN ORIGINS ONLY
BY 2-DIGIT STCC

CARLOAD ESTIMATES FOR TOTAL POPULATION						
2-DIGIT STCC	2002		2001		2000	
	TOTAL CARLOADS	PERCENT OF POPULATION	TOTAL CARLOADS	PERCENT OF POPULATION	TOTAL CARLOADS	PERCENT OF POPULATION
01	34,885	2.7%	47,193	4.2%	46,459	4.0%
10	3,412	0.3%	3,640	0.3%	3,584	0.3%
11	16,167	1.3%	21,460	1.9%	12,266	1.1%
14	4,140	0.3%	4,970	0.4%	3,120	0.3%
20	26,934	2.1%	24,876	2.2%	25,516	2.2%
22	1,440	0.1%	1,880	0.2%	1,800	0.2%
23	280	0.0%	200	0.0%	40	0.0%
24	209,268	16.5%	179,368	16.0%	174,660	15.1%
25	2,800	0.2%	2,360	0.2%	3,280	0.3%
26	146,644	11.5%	136,020	12.1%	146,616	12.6%
27	320	0.0%	80	0.0%	40	0.0%
28	152,166	12.0%	138,957	12.4%	130,612	11.3%
29	10,568	0.8%	7,458	0.7%	6,204	0.5%
30	5,120	0.4%	3,840	0.3%	2,680	0.2%
31	840	0.1%	0	0.0%	0	0.0%
32	37,232	2.9%	29,116	2.6%	32,144	2.8%
33	43,900	3.5%	37,620	3.4%	35,100	3.0%
34	1,760	0.1%	1,156	0.1%	1,220	0.1%
35	1,200	0.1%	1,196	0.1%	720	0.1%
36	2,760	0.2%	2,000	0.2%	1,680	0.1%
37	153,724	12.1%	148,588	13.2%	165,644	14.3%
38	80	0.0%	40	0.0%	0	0.0%
39	920	0.1%	800	0.1%	840	0.1%
40	18,956	1.5%	17,972	1.6%	15,920	1.4%
41	760	0.1%	800	0.1%	360	0.0%
42	21,120	1.7%	16,960	1.5%	12,200	1.1%
43	200,120	15.8%	40	0.0%	0	0.0%
46	40	0.0%	158,340	14.1%	181,260	15.6%
48	3,180	0.3%	960	0.1%	1,560	0.1%
49	169,755	13.4%	134,803	12.0%	154,722	13.3%
TOTALS	1,270,491	100.0%	1,122,693	100.0%	1,160,247	100.0%

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TABLE 1-3C
***REVENUE 3-YEAR HISTORY FROM WAYBILL SAMPLES**
ESTIMATES OF TOTAL POPULATION
CANADIAN ORIGINS ONLY
BY 2-DIGIT STCC

REVENUE ESTIMATES FOR TOTAL POPULATION						
2-DIGIT STCC	2002		2001		2000	
	TOTAL REVENUE	PERCENT OF POPULATION	TOTAL REVENUE	PERCENT OF POPULATION	TOTAL REVENUE	PERCENT OF POPULATION
01	\$ 96,528,679	2.6%	\$ 125,007,409	3.8%	\$ 113,588,041	3.4%
10	8,525,300	0.2%	7,219,284	0.2%	8,854,436	0.3%
11	35,214,274	0.9%	50,240,323	1.5%	27,431,780	0.8%
14	8,560,820	0.2%	9,331,880	0.3%	5,438,680	0.2%
20	91,857,624	2.5%	88,718,216	2.7%	80,801,276	2.4%
22	3,975,720	0.1%	6,045,080	0.2%	5,445,080	0.2%
23	305,160	0.0%	291,400	0.0%	0	0.0%
24	939,579,068	25.3%	764,148,124	23.4%	784,138,340	23.7%
25	3,853,240	0.1%	2,915,520	0.1%	3,071,200	0.1%
26	621,424,212	16.7%	581,306,380	17.8%	620,943,532	18.8%
27	373,800	0.0%	85,480	0.0%	26,800	0.0%
28	628,937,002	16.9%	537,775,383	16.5%	518,686,852	15.7%
29	29,776,422	0.8%	17,317,038	0.5%	14,825,220	0.4%
30	6,446,520	0.2%	4,888,960	0.1%	3,486,480	0.1%
31	1,232,080	0.0%	0	0.0%	0	0.0%
32	87,050,760	2.3%	78,967,452	2.4%	88,435,316	2.7%
33	167,137,680	4.5%	143,567,920	4.4%	119,847,900	3.6%
34	7,298,720	0.2%	3,110,244	0.1%	4,212,040	0.1%
35	3,047,640	0.1%	2,267,000	0.1%	1,563,640	0.0%
36	8,911,280	0.2%	4,697,920	0.1%	3,429,640	0.1%
37	301,875,536	8.1%	307,295,540	0.0%	314,947,796	9.5%
38	108,800	0.0%	73,000	0.0%	0	0.0%
39	1,461,520	0.0%	1,440,480	0.8%	930,880	0.0%
40	30,369,564	0.8%	26,980,184	0.0%	23,045,280	0.7%
41	990,120	0.0%	1,105,800	0.2%	764,520	0.0%
42	7,188,720	0.2%	5,463,000	0.0%	4,845,040	0.1%
46	130,933,320	3.5%	0	3.1%	116,271,200	3.5%
47	67,920	0.0%	100,353,720	0.1%	0	0.0%
48	10,192,740	0.3%	3,076,440	11.9%	5,638,720	0.2%
49	484,216,465	13.0%	388,937,295	100.0%	433,467,641	13.1%
TOTALS	\$ 3,717,440,706	100.0%	\$ 3,262,626,472	199.9%	\$ 3,304,137,330	100.0%

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Because these figures may not represent actual revenue, use of this revenue data in
any type of comparison may lead to wrong or misleading results.*

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TABLE 1-3D
TONNAGE 3-YEAR HISTORY FROM WAYBILL SAMPLES
ESTIMATES OF TOTAL POPULATION
CANADIAN ORIGINS ONLY
BY 2-DIGIT STCC

TONNAGE ESTIMATES FOR TOTAL POPULATION						
2-DIGIT STCC	2002		2001		2000	
	TOTAL TONNAGE	PERCENT OF POPULATION	TOTAL TONNAGE	PERCENT OF POPULATION	TOTAL TONNAGE	PERCENT OF POPULATION
01	3,073,796	3.8%	4,143,138	5.8%	4,137,260	5.7%
10	326,832	0.4%	355,080	0.5%	352,204	0.5%
11	1,598,112	2.0%	2,114,128	2.9%	1,232,264	1.7%
14	259,000	0.3%	327,000	0.5%	134,520	0.2%
20	1,896,904	2.3%	1,943,092	2.7%	1,956,552	2.7%
22	49,440	0.1%	86,880	0.1%	80,200	0.1%
23	4,160	0.0%	3,920	0.0%	720	0.0%
24	17,141,180	21.2%	14,527,192	20.2%	14,067,924	19.3%
25	37,560	0.0%	28,080	0.0%	33,680	0.0%
26	10,867,304	13.5%	9,848,440	13.7%	10,689,172	14.7%
27	4,320	0.0%	1,640	0.0%	80	0.0%
28	14,929,684	18.5%	13,520,525	18.8%	12,679,985	17.4%
29	790,422	1.0%	548,098	0.8%	477,820	0.7%
30	92,760	0.1%	64,840	0.1%	36,920	0.1%
31	11,320	0.0%	0	0.0%	0	0.0%
32	3,162,700	3.9%	2,693,380	3.7%	2,995,996	4.1%
33	3,835,900	4.7%	3,245,920	4.5%	3,027,060	4.2%
34	86,880	0.1%	66,408	0.1%	80,320	0.1%
35	28,000	0.0%	21,224	0.0%	21,640	0.0%
36	56,080	0.1%	26,240	0.0%	22,240	0.0%
37	3,502,332	4.3%	3,337,900	4.6%	3,723,496	5.1%
38	640	0.0%	360	0.0%	0	0.0%
39	32,680	0.0%	24,000	0.0%	9,400	0.0%
40	1,469,964	1.8%	1,365,188	1.9%	1,148,760	1.6%
41	13,720	0.0%	8,520	0.0%	6,760	0.0%
42	120,680	0.1%	109,840	0.2%	68,960	0.1%
46	3,354,080	4.2%	4,000	0.0%	2,899,160	4.0%
47	440	0.0%	2,650,440	3.7%	0	0.0%
48	117,080	0.1%	39,680	0.1%	91,600	0.1%
49	13,910,386	17.2%	10,933,229	15.2%	12,802,099	17.6%
TOTALS	80,774,356	100.0%	72,038,382	100.0%	72,776,792	100.0%

BUSINESS SERVICES DIVISION
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**FIGURE 1-3
TOP SIX COMMODITY GROUPS AND ALL OTHERS
3-YEAR HISTORY OF ESTIMATES FOR TOTAL POPULATION
CANADIAN ORIGINS ONLY
CARLOADS, TONNAGE AND REVENUE BY 2-DIGIT STCC**

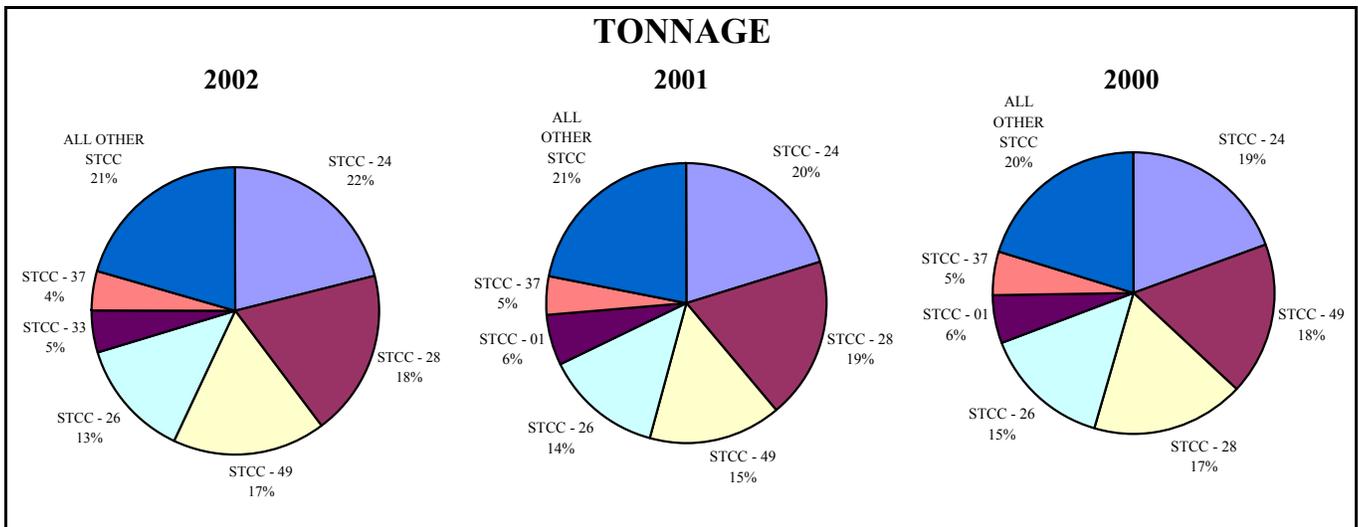
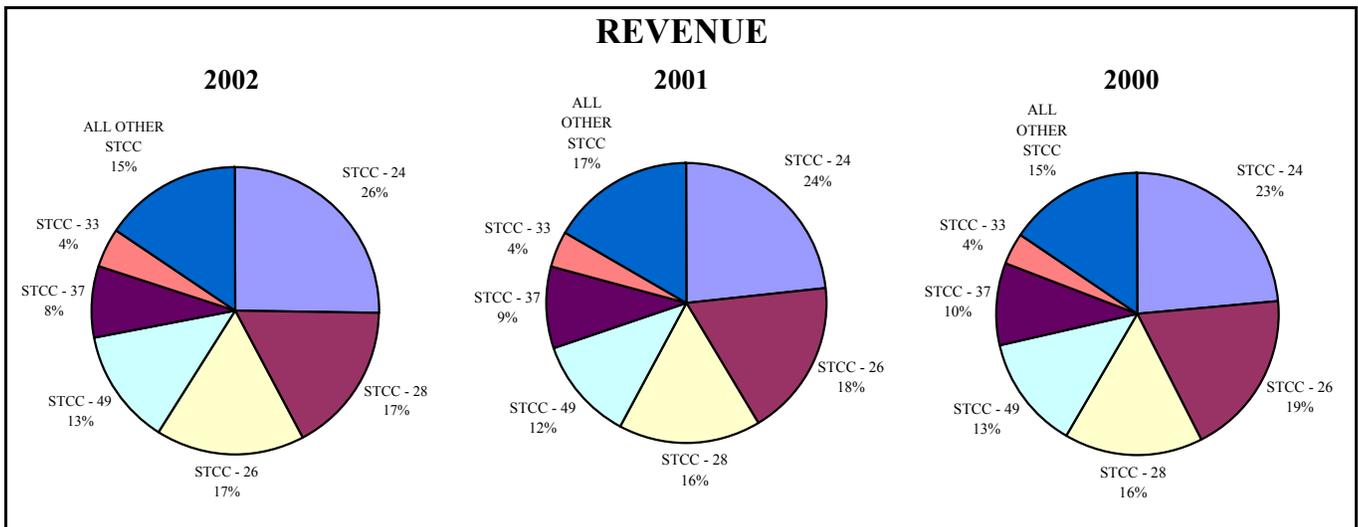
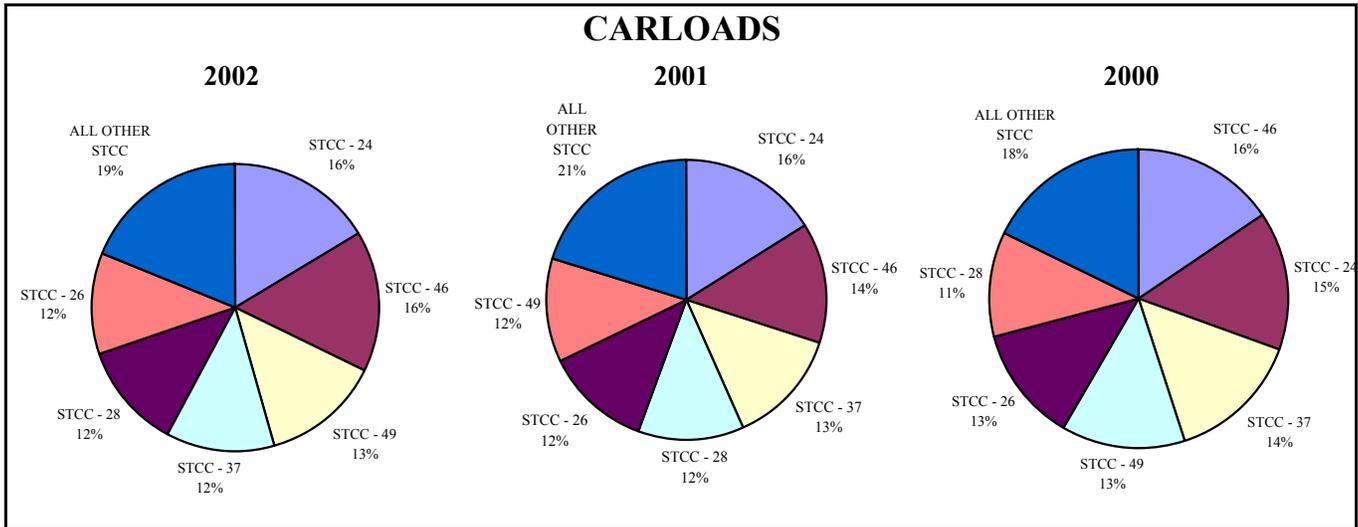


TABLE 1-4A
2002 WAYBILL SAMPLE
ESTIMATES OF TOTAL POPULATION
***MEXICAN ORIGINS ONLY**
CARLOADS, TONNAGE AND REVENUE BY 2-DIGIT STCC

2002							
2-DIGIT STCC	WAYBILLS SAMPLED	ESTIMATES FOR TOTAL POPULATION					
		TOTAL CARLOADS	PERCENT OF POPULATION	TOTAL REVENUE	PERCENT OF POPULATION	TOTAL TONNAGE	PERCENT OF POPULATION
01	1	40	0.2%	79,680	0.1%	760	0.2%
20	35	1,536	9.6%	5,616,844	9.4%	86,592	17.8%
22	0	0	0.0%	0	0.0%	0	0.0%
24	5	200	1.2%	777,600	1.3%	15,160	3.1%
25	3	120	0.7%	237,480	0.4%	2,040	0.4%
26	1	40	0.2%	57,240	0.1%	320	0.1%
28	53	2,120	13.2%	4,039,600	6.8%	65,520	13.4%
29	6	240	1.5%	472,080	0.8%	19,840	4.1%
30	8	320	2.0%	476,320	0.8%	5,280	1.1%
32	0	0	0.0%	0	0.0%	0	0.0%
33	7	280	1.7%	878,880	1.5%	20,160	4.1%
34	1	40	0.2%	121,840	0.2%	680	0.1%
35	3	120	0.7%	171,800	0.3%	1,040	0.2%
36	21	840	5.2%	1,076,840	1.8%	7,600	1.6%
37	142	5,680	35.5%	36,669,520	61.5%	160,080	32.8%
39	0	0	0.0%	0	0.0%	0	0.0%
40	6	240	1.5%	329,440	0.6%	5,560	1.1%
41	39	1,560	9.7%	2,995,120	5.0%	17,880	3.7%
42	45	1,800	11.2%	1,834,560	3.1%	9,720	2.0%
43	0	0	0.0%	0	0.0%	0	0.0%
46	1	40	0.2%	157,520	0.3%	720	0.1%
49	20	800	5.0%	3,628,200	6.1%	68,520	14.1%
TOTALS	397	16,016	100.0%	\$ 59,620,564	100.0%	487,472	100.0%

**Railroads are permitted to "mask" contract revenue with a calculated figure. Because these figures may not represent actual revenue, use of this revenue data in any type of comparison may lead to wrong or misleading results.*

BUSINESS SERVICES DIVISION
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TABLE 1-4B
CARLOADS 3-YEAR HISTORY FROM WAYBILL SAMPLES
ESTIMATES OF TOTAL POPULATION
MEXICAN ORIGINS ONLY
BY 2-DIGIT STCC

CARLOAD ESTIMATES FOR TOTAL POPULATION						
2-DIGIT STCC	2002		2001		2000	
	TOTAL CARLOADS	PERCENT OF POPULATION	TOTAL CARLOADS	PERCENT OF POPULATION	TOTAL CARLOADS	PERCENT OF POPULATION
01	40	0.2%	0	0.0%	0	0.0%
20	1,536	9.6%	508	4.1%	200	2.5%
22	0	0.0%	40	0.3%	0	0.0%
24	200	1.2%	0	0.0%	0	0.0%
25	120	0.7%	0	0.0%	0	0.0%
26	40	0.2%	0	0.0%	0	0.0%
28	2,120	13.2%	800	6.4%	660	8.2%
29	240	1.5%	0	0.0%	0	0.0%
30	320	2.0%	120	1.0%	120	1.5%
32	0	0.0%	280	2.2%	280	3.5%
33	280	1.7%	560	4.5%	160	2.0%
34	40	0.2%	0	0.0%	0	0.0%
35	120	0.7%	0	0.0%	0	0.0%
36	840	5.2%	80	0.6%	0	0.0%
37	5,680	35.5%	7,344	58.6%	4,600	57.1%
39	0	0.0%	40	0.3%	0	0.0%
40	240	1.5%	40	0.3%	0	0.0%
41	1,560	9.7%	0	0.0%	0	0.0%
42	1,800	11.2%	1,960	15.6%	1,040	12.9%
43	0	0.0%	0	0.0%	40	0.5%
46	40	0.2%	200	1.6%	720	8.9%
49	800	5.0%	560	4.5%	240	3.0%
TOTALS	16,016	100.0%	12,532	100.0%	8,060	100.0%

BUSINESS SERVICES DIVISION
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TABLE 1-4C
***REVENUE 3-YEAR HISTORY FROM WAYBILL SAMPLES**
ESTIMATES OF TOTAL POPULATION
MEXICAN ORIGINS ONLY
BY 2-DIGIT STCC

REVENUE ESTIMATES FOR TOTAL POPULATION						
2-DIGIT STCC	2002		2001		2000	
	TOTAL REVENUE	PERCENT OF POPULATION	TOTAL REVENUE	PERCENT OF POPULATION	TOTAL REVENUE	PERCENT OF POPULATION
01	79,680	0.1%	0	0.0%	0	0.0%
20	5,616,844	9.4%	2,210,172	4.4%	799,760	2.8%
22	0	0.0%	5,400	0.0%	0	0.0%
24	777,600	1.3%	0	0.0%	0	0.0%
25	237,480	0.4%	0	0.0%	0	0.0%
26	57,240	0.1%	0	0.0%	0	0.0%
28	4,039,600	6.8%	2,039,960	4.1%	3,000,620	10.4%
29	472,080	0.8%	0	0.0%	0	0.0%
30	476,320	0.8%	154,000	0.3%	136,800	0.5%
32	0	0.0%	899,360	1.8%	410,800	1.4%
33	878,880	1.5%	1,550,920	3.1%	480,240	1.7%
34	121,840	0.2%	0	0.0%	0	0.0%
35	171,800	0.3%	0	0.0%	0	0.0%
36	1,076,840	1.8%	44,560	0.1%	0	0.0%
37	36,669,520	61.5%	38,112,400	76.5%	20,496,040	71.2%
39	0	0.0%	5,960	0.0%	0	0.0%
40	329,440	0.6%	89,200	0.2%	0	0.0%
41	2,995,120	5.0%	0	0.0%	0	0.0%
42	1,834,560	3.1%	2,135,120	4.3%	1,145,800	4.0%
43	0	0.0%	0	0.0%	82,680	0.3%
46	157,520	0.3%	286,520	0.6%	1,156,360	4.0%
49	3,628,200	6.1%	2,317,080	4.6%	1,058,680	3.7%
TOTALS	\$ 59,620,564	100.0%	\$ 49,850,652	100.0%	\$ 28,767,780	100.0%

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Because these figures may not represent actual revenue, use of this revenue data in
any type of comparison may lead to wrong or misleading results.*

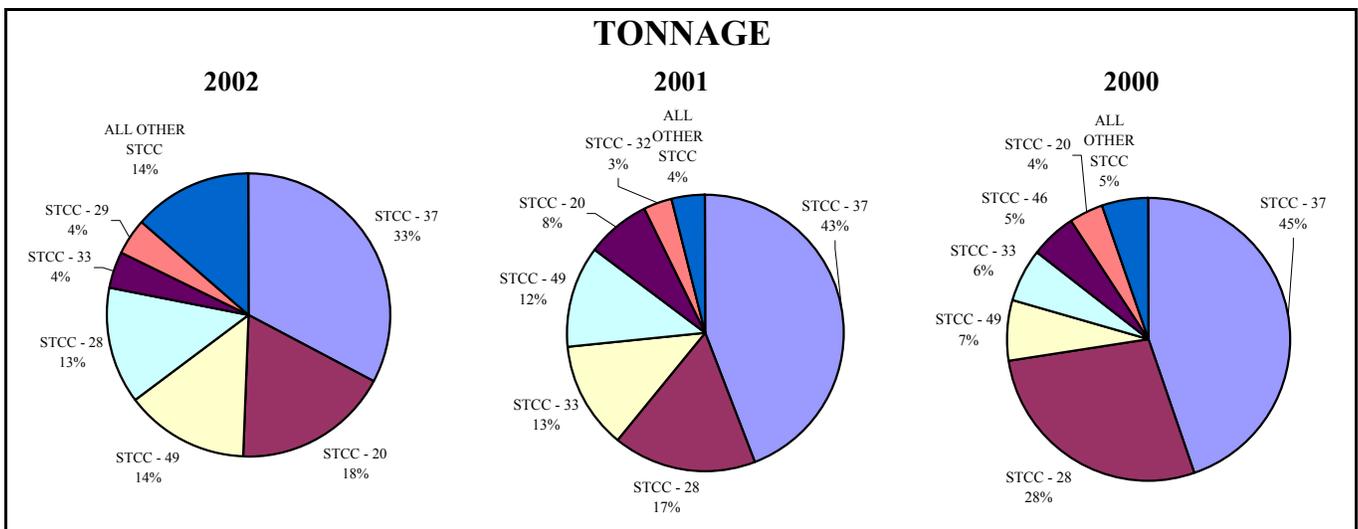
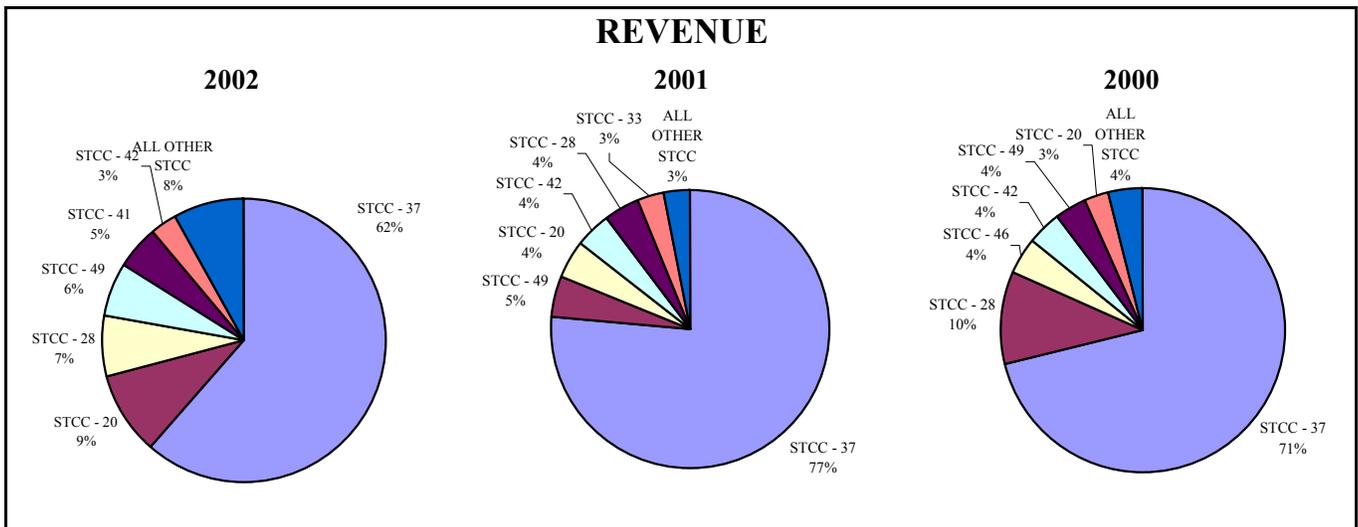
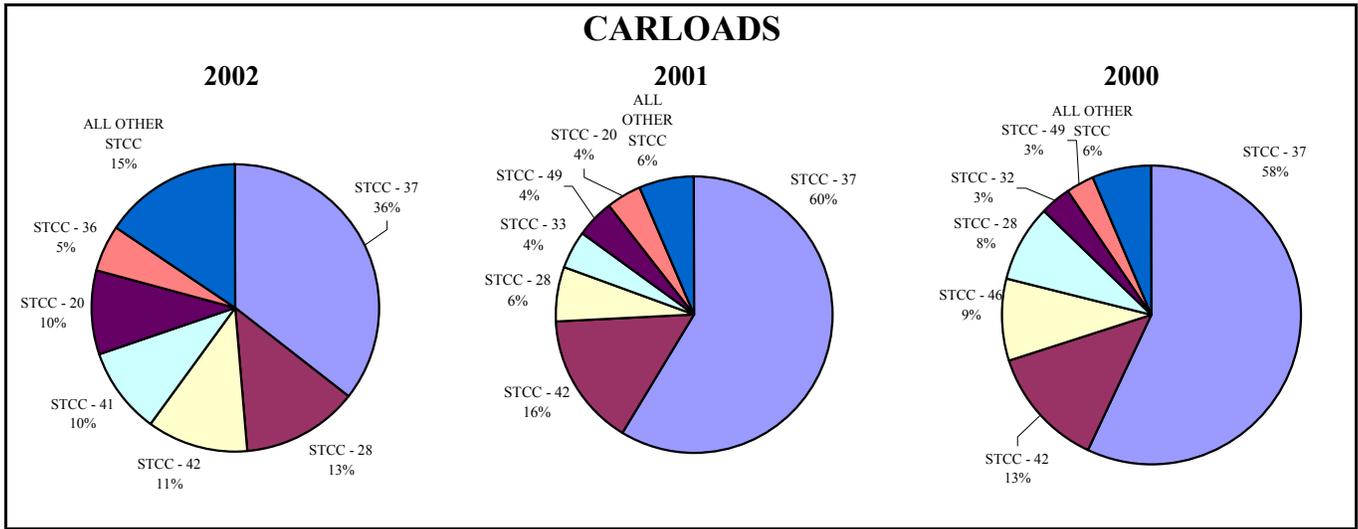
BUSINESS SERVICES DIVISION
RAILINC

TABLE 1-4D
TONNAGE 3-YEAR HISTORY FROM WAYBILL SAMPLES
ESTIMATES OF TOTAL POPULATION
MEXICAN ORIGINS ONLY
BY 2-DIGIT STCC

TONNAGE ESTIMATES FOR TOTAL POPULATION						
2-DIGIT STCC	2002		2001		2000	
	TOTAL TONNAGE	PERCENT OF POPULATION	TOTAL TONNAGE	PERCENT OF POPULATION	TOTAL TONNAGE	PERCENT OF POPULATION
01	760	0.2%	0	0.0%	0	0.0%
20	86,592	17.8%	32,080	7.5%	8,480	3.7%
22	0	0.0%	160	0.0%	0	0.0%
24	15,160	3.1%	0	0.0%	0	0.0%
25	2,040	0.4%	0	0.0%	0	0.0%
26	320	0.1%	0	0.0%	0	0.0%
28	65,520	13.4%	70,680	16.6%	64,000	27.8%
29	19,840	4.1%	0	0.0%	0	0.0%
30	5,280	1.1%	2,520	0.6%	2,240	1.0%
32	0	0.0%	13,720	3.2%	4,960	2.2%
33	20,160	4.1%	54,200	12.7%	14,080	6.1%
34	680	0.1%	0	0.0%	0	0.0%
35	1,040	0.2%	0	0.0%	0	0.0%
36	7,600	1.6%	1,120	0.3%	0	0.0%
37	160,080	32.8%	188,280	44.1%	103,080	44.7%
39	0	0.0%	720	0.2%	0	0.0%
40	5,560	1.1%	840	0.2%	0	0.0%
41	17,880	3.7%	0	0.0%	0	0.0%
42	9,720	2.0%	7,880	1.8%	4,560	2.0%
43	0	0.0%	0	0.0%	640	0.3%
46	720	0.1%	3,520	0.8%	12,520	5.4%
49	68,520	14.1%	50,800	11.9%	15,960	6.9%
TOTALS	487,472	100.0%	426,520	100.0%	230,520	100.0%

BUSINESS SERVICES DIVISION
RAILINC

FIGURE 1-4
TOP SIX COMMODITY GROUPS AND ALL OTHERS
3-YEAR HISTORY OF ESTIMATES FOR TOTAL POPULATION
MEXICAN ORIGINS ONLY
CARLOADS, TONNAGE AND REVENUE BY 2-DIGIT STCC



SECTION 2 – ERROR ANALYSIS AND CORRECTIVE ACTION

During final editing stage, all data fields of the waybill are evaluated. In the case of missing or illogical data one of 71 error flags may be placed at the end of the waybill record to alert the data user to data exceptions. In addition, any data fields with a value beyond the normal range seen in the industry (e.g., cars loaded with excessively heavy weights or waybills with excessively high revenues per car), or those depicting out-of-the-ordinary moments (e.g., the movements of COFC containers in gondolas), will also be flagged. These error flags are used to mainly identify missing data and to alert the analyst costing the waybill to abnormalities not usually taken into account by default values in Rail Form A or UCRS costing.

TABLE 2-2 lists Proxy Equipment Types for the 2002 Carload Waybill Sample

Listed below are the types of errors found in the 2002 data. In each case, these “errors” are concerned with equipment registration in the Universal Machine Equipment Register (UMLER) file.

Error Code(s)	Explanation and Corrective Action to be Taken.
08 / 13	<p>These errors are due to the fact that not all intermodal equipment (error code 13) and not all rail cars (error code 08) are listed in UMLER.</p> <p>In order to provide more complete data, RAILINC has flagged privately owned intermodal units since 1994 thus accounting for the large increase in intermodal error. While there has been an increase in reporting of private intermodal units, many of these units are still not reported in UMLER.</p> <p>As the gross ton-mile is a dominant factor in rail costing, the type (and weight) of the car should be known. These equipment identification “errors” accounted for 100.0% of all primary waybill errors.</p> <p>Using the loading patterns exhibited in the 2002 data, the Surface Transportation Board has allowed RAILINC/ALK processing team to use proxy container or trailer types when the reported car type is unknown or not listed in UMLER.</p>

ERROR CODES AND MESSAGES

01 WAYBILL ID IS INVALID

The waybill ID must be '1' if MRI, and 'blank' if Hardcopy. During each edit, the AAR/RAILINC will calculate the proper waybill ID, based on the sampled waybill's stratum number. If the stratum number is 1, 2, 3, 4 or 5, the waybill is MRI and the ID should be '1'. If the stratum number is 6, 7 or 8, the waybill is hardcopy and the ID should be 'blank'. (See item 28)

Note: The Waybill ID, wherever referenced, applies only to the record format of the 'raw' sampled waybill, and not to that of the final master file waybill.

02 INVALID WAYBILL NUMBER

The waybill number must be numeric.

03 INVALID WAYBILL DATE

The waybill date must fall before December 31, 1999. The waybill was not processed for the current waybill year if the date was out of bounds.

04 INVALID ACCOUNTING PERIOD

The accounting period date must be numeric. The month must be greater than '0' and less than '17'.

Note: Accounting period months 13, 14, 15 and 16 are valid if the road submits quarterly (13 = First Quarter, 14 = Second Quarter, etc.).

05 INVALID CARLOAD FIELD

The carload field must be numeric and greater than zero.

06 INVALID CAR INITIAL

The car initial cannot be blank or numeric.

07 INVALID CAR NUMBER

The car number must be numeric.

ERROR CODES AND MESSAGES

08 UMLER RECORD NOT FOUND

The car initial and number combination was not found in the UMLER Master File.

09 INVALID TOFC/COFC SERVICE CODE

The TOFC/COFC Service Code (STB Alternate Code) specified is not a valid code.

10 INVALID TOFC/COFC LOAD COUNT

If a TOFC/COFC move is indicated, the number of TOFC/COFC units (load count) must be numeric, and either (1) less than the sum of waybill carloads multiplied by three, or (2) identified as a valid stack train movement.

11 INVALID TOFC/COFC CAR INITIAL

If a TOFC/COFC move is indicated, the TOFC/COFC car initial cannot be blank or numeric.

12 INVALID TOFC/COFC CAR NUMBER

If a TOFC/COFC move is indicated, the TOFC/COFC car number must be numeric.

13 NO TC UMLER RECORD FOUND

The TOFC/COFC car initial and number combination could not be found in the UMLER Master File.

14 UMLER CAR TYPE NOT P, Q OR S

The car initial and number combination is not assigned to an intermodal TOFC/COFC flat car. If the car carrying TOFC/COFC is not a flat car of any type, flag 55 is placed in the error field.

15 INVALID STCC NUMBER

The STCC number could not be found in the Master File.

ERROR CODES AND MESSAGES

16 BILLED WEIGHT STCC

The billed weight ton equivalent, divided by the number of waybill carloads, cannot be less than or greater than the range specified in the table look-up (by two-digit STCC). The range represents positive values plus and minus 4 standard deviations from the mean.

17 INVALID ACTUAL WEIGHT

If the actual weight field is not blank, it must be numeric.

18 INVALID FREIGHT REVENUE

The freight revenue must be numeric. If the freight revenue amount is zero, the transit code must be either '1' or '9'. The freight revenue amount, divided by the number of waybill carloads, cannot be less than 1 or greater than the table look-up value (by two-digit STCC). The range represents positive values plus and minus 4 standard deviations from the mean.

19 INVALID TRANSIT CHARGE

If the transit charge field is not blank, it must be numeric.

20 INVALID MISC CHARGE

If the miscellaneous charge field is not blank, it must be numeric.

21 INVALID TRANSIT CODE

The transit code must be either '0', '1' or '9'.

22 INVALID INTERMODAL CODE

The intermodal code must be either '1', '2' or '9'.

23 INVALID TYPE-MOVE CODE

The type-move code must be either '0', '1', '2', '3' or '9'.

ERROR CODES AND MESSAGES

24 INVALID TYPE-MOVE-BY-WATER

The type-move-by-water code must be either '0', '1', '2', '3', '4' or '5'.

25 INVALID TRUCK-FOR-RAIL CODE

The truck-for-rail code must be either '0', '1' or '9'.

27 **INVALID REBILL CODE (MRI and Manual)**

The rebill code must be either '0', '1', '2' or '3'.

28 INVALID STRATUM ID

If the waybill was submitted by MRI means (i.e., the waybill ID is 1), the Stratum ID will be calculated based on the number of carloads on the waybill. If the MRI waybill has:

1-2 carloads, the stratum ID is 1.

3-15 carloads, the stratum ID is 2.

16-60 carloads, the stratum ID is 3.

61-100 carloads, the stratum ID is 4.

101-9999 carloads, the stratum ID is 5.

If the Hardcopy waybill (i.e. the waybill ID is blank) has:

1-5 carloads, the stratum ID is 6.

6-25 carloads, the stratum ID is 7.

26-9999 carloads, the stratum ID is 8.

These calculations are made each time the sample is edited. Please note that the 'Waybill ID' is only applicable to the record format for the 'raw' sampled waybill.

29 INVALID SUBSAMPLE ID (MRI only)

The subsample ID must be either '1', '2', '3' or '4'. At this stage in processing this field is blank for Hardcopy waybills. During final processing, ALK will calculate subsample codes for Hardcopy waybills.

31 INVALID REPORTING 260 NUMBER

The reporting 260 number was not found in the Railroad Register file.

ERROR CODES AND MESSAGES

32 ORIGIN FSAC NOT VALID

The Origin FSAC and 260 number combination could not be found in the CSM file.

33 INVALID ORIGIN 260 NUMBER

The Rule 260 number for the origin railroad could not be found in the Railroad Register file.

34 1ST RULE 260 ABBREV IS INVALID

The Rule 260 junction abbreviation could not be found in the Reload Location file.

35 1ST 260 NUMBER IS INVALID

The Rule 260 number for the 1st bridge railroad could not be found in the Railroad Register file.

36 2ND RULE 260 ABBREV IS INVALID

The Rule 260 junction abbreviation could not be found in the Reload Location file.

37 2ND 260 NUMBER IS INVALID

The Rule 260 number for the 2nd bridge railroad could not be found in the Railroad Register file.

38 3RD RULE 260 ABBREV IS INVALID

The Rule 260 junction abbreviation could not be found in the Reload Location file.

39 3RD 260 NUMBER IS INVALID

The Rule 260 number for the 3rd bridge railroad could not be found in the Railroad Register file.

40 4TH RULE 260 ABBREV IS INVALID

The Rule 260 junction abbreviation could not be found in the Reload Location file.

ERROR CODES AND MESSAGES

41 4TH 260 NUMBER IS INVALID

The Rule 260 number for the 4th bridge railroad could not be found in the Railroad Register file.

42 5TH RULE 260 ABBREV IS INVALID

The Rule 260 junction abbreviation could not be found in the Reload Location file.

43 5TH 260 NUMBER IS INVALID

The Rule 260 number for the 5th bridge railroad could not be found in the Railroad Register file.

44 6TH RULE 260 ABBREV IS INVALID

The Rule 260 junction abbreviation could not be found in the Reload Location file.

45 6TH 260 NUMBER IS INVALID

The Rule 260 number for the 6th bridge railroad could not be found in the Railroad Register file.

46 7TH RULE 260 ABBREV IS INVALID

The Rule 260 junction abbreviation could not be found in the Reload Location file.

47 7TH 260 NUMBER IS INVALID

The Rule 260 number for the 7th bridge railroad could not be found in the Railroad Register file.

48 8TH RULE 260 ABBREV IS INVALID

The Rule 260 junction abbreviation could not be found in the Reload Location file.

49 8TH 260 NUMBER IS INVALID

The Rule 260 number for the 8th bridge railroad could not be found in the Railroad Register file.

ERROR CODES AND MESSAGES

50 9TH RULE 260 ABBREV IS INVALID

The Rule 260 junction abbreviation could not be found in the Reload Location file.

51 INVALID TERMINATION 260 NUMBER

The Rule 260 number for the termination railroad could not be found in the Railroad Register file.

52 TERM FSAC NOT VALID

The termination FSAC and Rule 260 railroad number combination could not be found in the CSM file.

53 INVALID INTER-INTRA STATE CODE

If the origin state, destination state, and all states in the routing information are the same, the code must be '2'. If the states are different, the code must be '1'. This is calculated each time the waybill sample is edited.

54 REVENUE AMOUNT IS ZERO

If the revenue amount is zero, the transit code must be '1' or '9'.

55 TC UMLER REC IS NOT A FLAT CAR

The car carrying the TOFC/COFC unit is not a flat car of any type (i.e., Q, P, S or F). (Refer to error flag 14)

56 REVENUE PER TONMILE

The revenue per tonmile is not in the range established for the 2-digit STCC.

57 BILLED WEIGHT CAPACITY

Billed weight is greater than load limit.

ERROR CODES AND MESSAGES

58 **TRANSBORDER**

Transborder code must be '0' or '1' – Hardcopy only.

59 **CONTRACT**

Contract code must be '0' or '1' – Hardcopy only.

60 - 63 NOT USED

64 **INVALID NO OF WAYBILLS**

The number of waybills field must be numeric.

65 **INVALID REPORTING FREQUENCY**

The reporting frequency must be either '1' or '2'.

66 **INVALID SERIAL NUMBER**

The serial number must be numeric.

67 **SAMPLE DENSITY CHECK**

The population count for each stratum is included in the JCL for each waybill sample edit. The AAR/RAILINC checks the validity of the sample by comparing the expected sample density with the actual density.

Note: This is not an error flag. If there is a discrepancy between the expected and actual sample densities, an error message is printed on the edit program output.

68 **SAMPLE SIZE CHECK**

The reported sample size for each stratum is included in the JCL for each waybill sample edit. The AAR/RAILINC checks the validity of the sample by comparing the expected sample size with the actual sample size.

Note: This is not an error flag. If there is a discrepancy between the expected and actual sample sizes, an error message is printed on the edit program output.

ERROR CODES AND MESSAGES

69 FIRST RULE INTERCHANGE IS MISSING

Although an interline shipment is indicated, no first junction information has been provided.

70 SECOND RULE INTERCHANGE IS MISSING

Although an interline shipment is indicated, no second junction information has been provided.

71 THIRD RULE INTERCHANGE IS MISSING

Although an interline shipment is indicated, no third junction information has been provided.

TABLE 2-1

2002 REPORTING RAILROADS

Apache Railway (APA-011)	Lake Superior & Ishpeming Railroad (LSI-425)
Arkansas, Louisiana & Mississippi (ALM-016)	Lake State Railway (LSRC-408)
Bangor & Aroostook Railroad (BAR-056)	Louisville & Indiana Railroad (LIRC-434)
Bay Line (BAYL-088)	M & B Railroad (MNBR-480)
Bessemer & Lake Erie Railroad (BLE-061)	Mississippi Export Railroad (MSE-506)
Buffalo & Pittsburgh Railroad (BPRR-154)	Montana Rail Link (MRL-871)
Burlington Northern & Santa Fe (BNSF-777)	Montreal, Maine and Atlantic (MMA-334)
Birmingham Southern (BS-065)	New England Central (NECR-496)
C P Rail System (CPRS-105)	New York & Atlantic (NYA-501)
Cedar Rapids & Iowa City Railway (CIC-111)	New York, Susquehanna & Western (NYSW-546)
Chattahoochee Industrial Railroad (CIRR-222)	Norfolk Southern Railway System (NS-555)
Chicago South Shore & South Bend (CSS-168)	Paducah & Louisville Railway, Inc. (PAL-907)
Columbia & Cowlitz Railway (CLC-163)	Point Comfort & Northern Railway (PCN-651)
Columbus & Greenville Railway (CAGY-177)	Providence & Worcester Railroad (PW-631)
CSX Transportation Corp. (CSXT-712)	Rochester & Southern (RSR-941)
Dakota, Minnesota & Eastern Railroad (DME-912)	Rockdale, Sandow & Southern (RSS-675)
D&I Railroad Company (DAIR-211)	Sand Springs Railway (SS-707)
DeQueen & Eastern (DQE-200)	San Manuel Arizona (SMA-794)
Duluth, Missabe & Iron Range (DMIR-213)	Sault Ste. Marie Bridge Company (SSAM-670)
Duluth, Winnipeg & Pacific (DWP-216)	St. Maries River Railroad Co. (STMA-698)
Elgin, Joliet & Eastern Railroad (EJE-238)	St. Marys Railroad (SM-682)
Escanaba & Lake Superior (ELS-241)	ST Rail System (ST-746)
Florida East Coast Railway (FEC-263)	Texas Mexican Railway (TM-762)
Fox Valley & Western (FVW-264)	Toledo, Peoria & Western (TPW-769)
Gateway Western (GWWR-362)	Transkentucky Transportation (TTIS-773)
Georgia Central Railway (GC-395)	Trona Railway (TRC-779)
Grand Trunk Western System (GTW-308)	Twin Cities & Western Railroad (TCWR-768)
Illinois Central Railroad (IC-350)	Union Pacific System (UP-802)
Illinois Midland Railroad (IMRR-361)	Vermont Railway (VTR-817)
Indiana Rail Road Company (INRD-780)	Wheeling & Lake Erie (WE-856)
Iowa Interstate Railroad (IAIS-316)	Wisconsin Central Limited (WC-250)
Iowa Chicago and Eastern Railroad (ICE-342)	Wisconsin & Southern (WSOR-879)
Kansas City Southern Lines (KCS-400)	York Railway Company (YRC-908)

TABLE 2-2

PROXY EQUIPMENT TYPES FOR THE 2002 CARLOAD WAYBILL SAMPLE

The proxy car type codes are used to fill in waybill records with missing car type values. The car type fields are AAR Equipment Type (columns 298-301 in 432-byte file; 286-289 in 900-byte file) and Mechanical Designation (columns 302-305 in the 432-byte file; 290-293 in 900-byte file).

The proxy car type code for a 5-digit STCC code is the most popular car type for that STCC code in the current year waybill sample. If all waybills for that STCC are missing the car types in that year, the one from previous year's sample is chosen. If the STCC does not occur in the previous year's sample, the most popular car type for the closest STCC code is selected.

24993	A303XP	24115	K247HT
26214	A402XP	40211	K280HM
24321	A403XP	29913	K340HT
26213	A405XP	14219	K344HT
26311	A406XP	10113	K380HM
33331	A605XP	37421	M510PB
24991	A606XP	41211	M530PS
37149	A806XP	46111	P435FC
20231	B314XM	28422	Q752FC
28125	C111LO	20821	R410RB
40112	C112LO	1195	R470RP
10111	C113LO	28193	T054T
20923	C114LO	28194	T055T
28211	C214LO	49187	T095T
20621	C413LO	49352	T104T
28186	C514LO	49601	T105T
20411	C614LO	28994	T106T
37411	D113D	20921	T107T
33123	E241GB	49091	T108T
33121	E331GB	49057	T389T
40291	E500GT	28198	T399T
24112	E530GB	49057	T419T
40211	E530GB	28139	T564T
14412	E534GB	49045	T565T
24114	E730GB	49054	T929T
37424	F125FMS	49205	T944T
33128	F241FB	37111	V411FA
33124	F243FB	37112	V971FA
24111	F273FL	37149	Z666Z
32754	F383FB		
26619	F383FBC		
36212	F401FM		
34433	F403FM		
33121	F411FM		
33122	F443FB		
24111	F472FL		
24211	F483FB		
24299	F483FBC		
33122	F823FM		
28169	G514GB		
14412	H340HM		
49411	H350HT		
29913	H351HT		
11212	J311GT		

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SECTION 3 - DATA EXCEPTIONS

Overall, there were no major deviations in waybill data quality from specifications given by the Surface Transportation Board. The following tables detail all known data exceptions and sampling deviations in the 2002 Carload Waybill Sample. In most cases, efforts to correct these problems have already been or are currently being made. Also detailed are a few potential problem areas dealt with by RAILINC during the 2002 processing year.

It is important to note that the high level of cooperation between the railroads and RAILINC has resulted in the 2002 Waybill Sample being free of all but equipment registration related errors.

As information, this section includes a sub-section that outlines, by railroad, the type of corrections made by RAILINC. All waybill errors are validated by railroad personnel either in writing by mail, E-mail, fax or phone, and are documented by the Waybill Office staff.

TTX TRAIN ASSIGNMENTS

The TTX Company assigns Car Initials and Car Type by the Car Number and, based upon need, frequently and repeatedly reassigns series of Car Numbers to different initials and car types. Due to the confusion that could be caused by this method, RAILINC's UMLER database maintains only the most recent car initial/number/type assignments for TTX equipment. While the initial car initial/number assignment usually referred to intermodal flatcars, subsequent assignment often related to multi-level flatcars.

This impacted upon the Waybill Sample during RAILINC's final edit procedures as the UMLER files locate the flat car by comparing the car number with its assigned car initial and car type. The car initial and car type currently assigned to the particular car number are written onto the edited waybill record, and error flag '14' is appended to the record if the car type is no longer 'P', 'Q' or 'S'. However, at the time of the waybill movement, the car number was most likely assigned to a different car initial, and car type 'P', 'Q' or 'S'.

To prevent this situation from resulting in a large number of waybill errors (Error Code 14 - INTERMODAL MOVEMENT NOT ON A FLATCAR), the standard dummy intermodal flatcar initial/number combination GBRX 091193 (effective September 1, 1995) was inserted in instances of traditional TOFC/COFC movements. TTX 102764 had been the prior valid dummy flat car ID up until August 31, 1995 when it was removed from service. The dummy flatcar initial/number combination (APLX 002001) was inserted in instances of stack train movements and its status has not changed.

RAILINC WAYBILL CORRECTION PROCESS

As a result of the high level of communication between the railroads and RAILINC, our edit and correction processes have become quite streamlined.

At this point, detailed error reports are sent to the Burlington Northern & Santa Fe, CSX Transportation, Illinois Central, Kansas City Southern, Norfolk Southern, and Union Pacific. These reports are returned with handwritten corrections and/or explanations, at which time RAILINC manually corrects individual waybill errors. All other waybill errors are validated by railroad personnel either in writing, by E-mail, fax or phone, and are documented by the Waybill Office staff.

The types of corrections made by RAILINC fall into two categories: those which are railroad-wide (encountered in most samples), and those which are specific to an individual railroad.

Note: Due to the railroads' inability to correct errors (or make program modifications) in a timely fashion, RAILINC has secured permission to make these corrections for the submitting carriers. Corrections for repetitive errors are made only as part of a specific arrangement between a particular railroad and RAILINC. Other errors are individually validated, and all errors are thoroughly documented.

RAILROAD-WIDE CORRECTIONS

1. Valid, UMLER-registered TOFC flat car initials and numbers are used to replace 'dummy' flat car initials and numbers on intermodal shipment waybills.
2. Specific rail-owned, UMLER-registered TOFC/COFC unit initials and numbers are used to replace 'dummy' TOFC/COFC unit initials and numbers on intermodal shipment waybills.
3. TOFC Plan code 'X' is placed on any intermodal shipment waybill whose TOFC Plan code is a blank or zero.
4. Junction abbreviation spellings are adjusted to comply with Accounting Rule 260 abbreviations.
5. Freight Station Accounting Codes (FSAC) are validated for accuracy against RAILINC Business Services Division master files and the Waybill Section's database.
6. Standard Transportation Commodity Codes (STCC) are identified and adjusted to comply with RAILINC Business Services Division master files.

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RAILROAD-WIDE CORRECTIONS (Cont.)

7. Waybills which list very high or low billed weights are individually verified (e.g., heavy load capacity cars, or intermodal shipments with weights below one ton); if the weight is valid for the waybill, the billed weight error flag is removed after the final edit procedure.
8. Waybills which list high freight revenues are verified individually (e.g., trans-continental movements of hazardous materials); if the revenue is valid for the waybill, the revenue error flag is removed after the final edit procedure.
9. Intermodal waybills which were processed after September 1, 1995 used the dummy car initial number 'GBRX 091193'. Intermodal waybills which were processed prior to August 1, 1995 used the dummy flat car initial/number 'TTX 102764'. This was due to UMLER car type for 'TTX 102764' being removed from service.
10. Waybills on which Road Rainers are present often create special problems. Valid Road Railer car initials 'TCSZ' and 'NERZ' are often found in the TOFC/COFC container ID position. 'NERZ' can be either a valid TOFC/COFC container initial or a Road Railer. The determination as to which it is can be found by looking at the AAR Equipment Type information. If the AAR Equipment Type information contains a 'Z6', this indicates that the car is a Road Railer and not a valid TOFC/COFC ID. The Road Railer should then be moved to the car ID position.

SECTION 4 - 2002 WAYBILL RECORD LAYOUTS

The following documentation is included in this section:

- I. 2002 SURFACE TRANSPORTATION BOARD CARLOAD WAYBILL SAMPLE
 - A. 900-byte STB Waybill File Record Layout
 - B. Error Codes and Messages

- II. DEPARTMENT OF COMMERCE
 - A. Business Economic Area (BEA) Codes (Revised 1997)
 - B. Business Economic Area (BEA) Codes by County Listing

- III. 2002 SURFACE TRANSPORTATION BOARD PUBLIC USE WAYBILL
 - A. 247-byte Record Layout
 - B. 247-byte Data Element Descriptions

- IV. APPENDIX TO SECTION 8
 - A. STCC© Headers
 - B. Surface Transportation Board Car Type
 - C. UMLER© Field Descriptions
 - D. AAR Equipment Type (UMLER©)
 - E. US Census Regions
 - F. CS54 Group Codes

**2002 SURFACE TRANSPORTATION BOARD CARLOAD WAYBILL SAMPLE
900-Byte STB Waybill File Record Layout**

<u>Item</u>	<u>Name</u>	<u>Number of of Positions</u>	<u>Form</u>	<u>Columns</u>
1	Unique Serial Number	6	N	1- 6
2	Waybill Number	6	N	7- 12
3	Waybill Date (mmddccyy)	8	N	13- 20
4	Accounting Period (mmccyy)	6	N	21- 26
5	Number of Carloads	4	N	27- 30
6	Car Initial	4	A	31- 34
7	Car Number	6	N	35- 40
8	Intermodal TOFC/COFC Service Code	3	A/N	41- 43
9	Number of TOFC/COFCs	4	N	44- 47
10	TOFC/COFC Initial	4	A	48- 51
11	TOFC/COFC Number	6	N	52- 57
12	Commodity Code (STCC)	7	N	58- 64
13	Billed Weight	9	N	65- 73
14	Actual Weight	9	N	74- 82
15	Freight Revenue	9	N	83- 91
16	Transit Charges	9	N	92- 100
17	Miscellaneous Charges	9	N	101-109
18	Inter/Intra State Code	1	N	110
19	Transit Code	1	N	111
20	All Rail/Intermodal Code	1	N	112
21	Type Move (import/export)	1	N	113
22	Type Move Via Water	1	N	114
23	Substituted Truck for Rail	1	N	115
24	Shortline Miles	4	N	116-119
25	Rebill Code	1	N	120
26	Stratum Identification	1	N	121
27	Subsample Code	1	N	122
28	Intermodal Equipment Flag	1	N	123
29	Calculated Rate Flag	1	N	124
30	Waybill Identifier (MRI only)	25	A/N	125-149
31	Reporting Railroad	3	N	150-152
32	Origin FSAC	5	N	153-157
33	Origin Railroad	3	N	158-160
34	Interchange #1 Rule 260	5	A	161-165
35	First Bridge RR	3	N	166-168
36	Interchange #2 Rule 260	5	A	169-173
37	Second Bridge RR	3	N	174-176
38	Interchange #3 Rule 260	5	A	177-181
39	Third Bridge RR	3	N	182-184
40	Interchange #4 Rule 260	5	A	185-189

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**2002 SURFACE TRANSPORTATION BOARD CARLOAD WAYBILL SAMPLE
900-Byte STB Waybill File Record Layout**

<u>Item</u>	<u>Name</u>	<u>Number of of Positions</u>	<u>Form</u>	<u>Columns</u>
41	Fourth Bridge RR	3	N	190-192
42	Interchange #5 Rule 260	5	A	193-197
43	Fifth Bridge RR	3	N	198-200
44	Interchange #6 Rule 260	5	A	201-205
45	Sixth Bridge RR	3	N	206-208
46	Interchange #7 Rule 260	5	A	209-213
51	Termination Railroad	3	N	214-216
52	Termination FSAC	5	N	217-221
53	Population Count	8	N	222-229
54	Stratum Count	6	N	230-235
55	Reporting Period Length	1	N	236
56	Car Owner's Mark	4	A	237-240
57	Car Lessee's Mark	4	A	241-244
58	Car Capacity	5	N	245-249
59	Nominal Car Capacity	3	N	250-252
60	Tare Weight of Car	4	N	253-256
61	Outside Length	5	N	257-261
62	Outside Width	4	N	262-265
63	Outside Height	4	N	266-269
64	Extreme Outside Height	4	N	270-273
65	Type of Wheel Bearings and Brakes	1	A	274
66	Number of Axles	1	A/N	275
67	Draft Gear	2	N	276-277
68	Number of Articulated Units	1	N	278
69	Pool Code Number	7	N	279-285
70	AAR Equipment Type	4	A/N	286-289
71	Mechanical Designation	4	A	290-293
72	Licensing State (TOFC)	2	A	294-295
73	Maximum Weight on Rail	3	N	296-298
74	Origin SPLC	6	N	299-304
75	Destination SPLC	6	N	305-310
76	STCC w/o Hazardous (49) Codes	7	N	311-317
77	Origin Railroad Alpha	4	A	318-321
78	First Interchange RR Alpha	4	A	322-325
79	Second Interchange RR Alpha	4	A	326-329
80	Third Interchange RR Alpha	4	A	330-333
81	Fourth Interchange RR Alpha	4	A	334-337
82	Fifth Interchange RR Alpha	4	A	338-341
83	Sixth Interchange RR Alpha	4	A	342-345
86	Termination Railroad Alpha	4	A	346-349

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**2002 SURFACE TRANSPORTATION BOARD CARLOAD WAYBILL SAMPLE
900-Byte STB Waybill File Record Layout**

<u>Item</u>	<u>Name</u>	<u>Number of of Positions</u>	<u>Form</u>	<u>Columns</u>
87	Junction Frequency	1	N	350
88	Theoretical Expansion Factor	3	N	351-353
89	Routing Error Flag	1	A	354
90	STB Car Type	2	N	355-356
92	AAR/RAILINC Error Codes	6	N	357-362
93	Car Ownership	1	A	363
94	AAR TOFC/COFC Unit Type	4	A/N	364-367
95	Deregulation Date (ccyymmdd)	8	N	368-375
96	Deregulation Flag	1	A	376
97	Service Type	1	N	377
98	Expanded Carloads	6	N	378-383
99	Billed Weight in Tons	7	N	384-390
100	Expanded Tons	8	N	391-398
101	Expanded Trailer/Container Count	6	N	399-404
102	Expanded Total Revenue	10	N	405-414
103	Origin Railroad Split Revenue	10	N	415-424
104	First Interchange RR Split Revenue	10	N	425-434
105	Second Interchange RR Split Revenue	10	N	435-444
106	Third Interchange RR Split Revenue	10	N	445-454
107	Fourth Interchange RR Split Revenue	10	N	455-464
108	Fifth Interchange RR Split Revenue	10	N	465-474
109	Sixth Interchange RR Split Revenue	10	N	475-484
112	Termination Railroad Split Revenue	10	N	485-494
113	First Railroad Distance	5	N	495-499
114	Second Railroad Distance	5	N	500-504
115	Third Railroad Distance	5	N	505-509
116	Fourth Railroad Distance	5	N	510-514
117	Fifth Railroad Distance	5	N	515-519
118	Sixth Railroad Distance	5	N	520-524
119	Seventh Railroad Distance	5	N	525-529
122	Termination Railroad Distance	5	N	530-534
123	Total Distance	5	N	535-539
124	Origin State Alpha	2	A	540-541
125	First Junction State Alpha	2	A	542-543
126	Second Junction State Alpha	2	A	544-545
127	Third Junction State Alpha	2	A	546-547
128	Fourth Junction State Alpha	2	A	548-549
129	Fifth Junction State Alpha	2	A	550-551
130	Sixth Junction State Alpha	2	A	552-553
131	Seventh Junction State Alpha	2	A	554-555

**BUSINESS SERVICES DIVISION
RAILINC**

**2002 SURFACE TRANSPORTATION BOARD CARLOAD WAYBILL SAMPLE
900-Byte STB Waybill File Record Layout**

<u>Item</u>	<u>Name</u>	<u>Number of of Positions</u>	<u>Form</u>	<u>Columns</u>
134	Termination State Alpha	2	A	556-557
135	Origin BEA Area	3	N	558-560
136	Termination BEA Area	3	N	561-563
137	Origin FIPS Code	5	N	564-568
138	Termination FIPS Code	5	N	569-573
139	Origin Freight Area	2	N	574-575
140	Termination Freight Area	2	N	576-577
141	Origin Freight Territory	1	N	578
142	Termination Freight Territory	1	N	578
143	Origin SMSA	4	N	580-583
144	Termination SMSA	4	N	584-587
145	Origin NET3 Number	5	N	588-592
146	First Junction NET3 Number	5	N	593-597
147	Second Junction NET3 Number	5	N	598-602
148	Third Junction NET3 Number	5	N	603-607
149	Fourth Junction NET3 Number	5	N	608-612
150	Fifth Junction NET3 Number	5	N	613-617
151	Sixth Junction NET3 Number	5	N	618-622
152	Seventh Junction NET3 Number	5	N	623-627
155	Termination NET3 Number	5	N	628-632
156	State Through Indicators (1 = State Used in Waybill Routing)	52	N	633-684
	Alabama	1	N	633
	Arizona	1	N	634
	Arkansas	1	N	635
	California	1	N	636
	Colorado	1	N	637
	Connecticut	1	N	638
	Delaware	1	N	639
	District of Columbia	1	N	640
	Florida	1	N	641
	Georgia	1	N	642
	Idaho	1	N	643
	Illinois	1	N	644
	Indiana	1	N	645
	Iowa	1	N	646
	Kansas	1	N	647
	Kentucky	1	N	648
	Louisiana	1	N	649
	Maine	1	N	650

**BUSINESS SERVICES DIVISION
RAILINC**

**2002 SURFACE TRANSPORTATION BOARD CARLOAD WAYBILL SAMPLE
900-Byte STB Waybill File Record Layout**

<u>Item</u>	<u>Name</u>	<u>Number of of Positions</u>	<u>Form</u>	<u>Columns</u>
	Maryland	1	N	651
	Massachusetts	1	N	652
	Michigan	1	N	653
	Minnesota	1	N	654
156	State Through Indicators (cont.)			
	Mississippi	1	N	655
	Missouri	1	N	656
	Montana	1	N	657
	Nebraska	1	N	658
	Nevada	1	N	659
	New Hampshire	1	N	660
	New Jersey	1	N	661
	New Mexico	1	N	662
	New York	1	N	663
	North Carolina	1	N	664
	North Dakota	1	N	665
	Ohio	1	N	666
	Oklahoma	1	N	667
	Oregon	1	N	668
	Pennsylvania	1	N	669
	Rhode Island	1	N	670
	South Carolina	1	N	671
	South Dakota	1	N	672
	Tennessee	1	N	673
	Texas	1	N	674
	Utah	1	N	675
	Vermont	1	N	676
	Virginia	1	N	677
	Washington	1	N	678
	West Virginia	1	N	679
	Wisconsin	1	N	680
	Wyoming	1	N	681
	Canada	1	N	682
	Mexico	1	N	683
	All Other	1	N	684
157	International Harmonized Code	12	A	685-696
158	Standard Industrial Classification	4	A	697-700
159	International S. I. C.	4	A	701-704
160	Dominion of Canada Code	3	A	705-707
161	CS54 Group Code	2	A	708-709

**BUSINESS SERVICES DIVISION
RAILINC**

**2002 SURFACE TRANSPORTATION BOARD CARLOAD WAYBILL SAMPLE
900-Byte STB Waybill File Record Layout**

<u>Item</u>	<u>Name</u>	<u>Number of of Positions</u>	<u>Form</u>	<u>Columns</u>
162	Origin Freight Station Type	4	A	710-713
163	Destination Freight Station Type	4	A	714-717
164	Origin Freight Station Rating Zip	9	N	718-726
165	Dest. Freight Station Rating Zip	9	N	727-735
166	Origin Rate Base SPLC	9	A	736-744
167	Destination Rate Base SPLC	9	A	745-753
168	Origin Switch Limit SPLC	9	A	754-762
169	Destination Switch Limit SPLC	9	A	763-771
170	Origin Customs Flag	1	A	772
171	Destination Customs Flag	1	A	773
172	Origin Grain Flag	1	A	774
173	Destination Grain Flag	1	A	775
174	Origin Automobile Ramp Facility Code	1	A	776
175	Dest. Automobile Ramp Facility Code	1	A	777
176	Origin Intermodal Flag	1	A	778
177	Destination Intermodal Flag	1	A	779
193	Transborder Flag	1	N	780
179	Blank (Space reserved for future changes)	38	N	781-818
180	Origin Census Region	4	A	819-822
181	Termination Census Region	4	A	823-826
182	Exact Expansion Factor	7	N	827-833
183	Total Variable Cost	8	N	834-841
185	Railroad 1 Variable Cost	8	N	842-849
186	Railroad 2 Variable Cost	8	N	850-857
187	Railroad 3 Variable Cost	8	N	858-865
188	Railroad 4 Variable Cost	7	N	866-872
189	Railroad 5 Variable Cost	7	N	873-879
190	Railroad 6 Variable Cost	7	N	880-886
191	Railroad 7 Variable Cost	7	N	887-893
192	Railroad 8 Variable Cost	7	N	894-9

2002 SURFACE TRANSPORTATION BOARD CARLOAD WAYBILL SAMPLE 900-Byte Master File Record Data Element Description

For fields 1 through 179 the following list describes the proper coding and interpretation of the Carload Waybill Statistics at the conclusion of processing by the AAR/RAILINC and ALK Associates (hereafter referred to as ALK) for the Sample. Fields 180 through 192 are added to each record by the STB.

1. Unique Serial Number (6 digit numeric)

To allow for unique identification of waybills, the AAR/RAILINC assigns a six-digit number to all waybills processed. Hardcopy waybills are assigned serial numbers in the 100,000 to 199,999 range. MRI waybills are assigned serial numbers in the 200,000 to 999,999 range.⁵

2. Waybill Number (6 digit numeric)

The waybill number is the number an originating railroad assigns to each waybill document.¹

3. Waybill Date (8 digit numeric)

The waybill date is the date on which the originating railroad prepares the waybill (mmddccyy) where, mm = month, dd = day, cc = century, yy = year.¹

4. Accounting Period (6 digit numeric)

The accounting period is the month and year during which the study waybill is entered into the railroad's revenue accounting system. This information is subsequently reflected in the net income statement of the company for the specified account month (mmccyy) where, mm = month, cc = century, yy = year.¹

5. Number of Carloads (4 digit numeric)

The total number of carloads on the sampled waybill.¹

6. Car Initials (4 character alpha)

The car initials are the identification of car ownership as recorded in The Official Railway Equipment Register, issued by the Association of American Railroads. If the waybill covers a multiple car movement, the initials of the first car are entered.¹

7. Car Number (6 digit numeric)

The car number is assigned by the owner and, when combined with the owner's car initial code, uniquely identifies the freight car used in the move. If the waybill covers a multiple car movement, the number of the first car is entered.¹

8. Intermodal (TOFC/COFC) Service Code: (3 character alpha/numeric, space fill)

The code for the Intermodal Service Code (ISC) must be entered in the **first** position of the field. If possible, when different ISCs are used during the course of the sampled waybill movement, enter the code for the applicable ISC at origination in the first position of the field, and the code for the applicable ISC at termination in the second position of the field. For example, 'B C' indicates that the TOFC movement started on ISC 20 and terminated on ISC 22. **NOTE: three blanks in this field will indicate the movement is not intermodal in nature.** 'Unknown' ISC's are indicated by 'X'.¹

REVISED INTERMODAL SERVICE PLAN CODE REPORTING

Intermodal Service Code	Unit Owner	Service Provided by Carrier	Determination of Charges	STB Alternate Coding
15	Motor/Rail	R-R, Ramp to Ramp	Agreed between Trucker & Rail	A
20	Rail	T-R-T, Door to Door	Truck Competitive Rates	B
22	Rail	T-R, Door to Destination Ramp	Truck Competitive Rates	C
25	Rail	R-R, Ramp to Ramp	Special Mode of Code 20 Rates	D
27	Rail	R-T, Origin Ramp to Door	Truck Competitive Rates	E
40	Steamship/Stack Operator	T-R-T, Door to Door	Domestic Container Movements Without Prior or Subsequent Waterborne Movement. Applies to U.S./Canada/Mexican Traffic. Equipment Supplied by Stack Operator or Steamship Line.	F
42	Steamship/Stack Operator	T-R, Door to Destination Ramp	Domestic Container Movements Without Prior or Subsequent Waterborne Movement. Applies to U.S./Canada/Mexican Traffic. Equipment Supplied by Stack Operator or Steamship Line.	G
45	Steamship/Stack Operator	R-R, Ramp to Ramp	Domestic Container Movements Without Prior or Subsequent Waterborne Movement. Applies to U.S./Canada/Mexican Traffic. Equipment Supplied by Stack Operator or Steamship Line.	H
47	Steamship/Stack Operator	R-T, Origin Ramp to Door	Domestic Container Movements Without Prior or Subsequent Waterborne Movement. Applies to U.S./Canada/Mexican Traffic. Equipment Supplied by Stack Operator or Steamship Line.	I
60	Patron	T-R-T, Door to Door	Patron Supplied Equipment	K
62	Patron	T-R, Door to Destination Ramp	Patron Supplied Equipment	L

Intermodal Service Code	Unit Owner	Service Provided by Carrier	Determination of Charges	STB Alternate Coding
65	Patron	R-R, Ramp to Ramp	Patron Supplied Equipment	M
67	Patron	R-T, Origin Ramp to Door	Patron Supplied Equipment	N
80	Steamship/ Stack Operator	T-R-T, Door to Door	International Shipments With Prior or Subsequent Waterborne Movement. Includes Alaska, Hawaii, Puerto Rico. Equipment Supplied by Stack Operator or Steamship Line.	O
82	Steamship/ Stack Operator	T-R, Door to Destination Ramp	International Shipments With Prior or Subsequent Waterborne Movement. Includes Alaska, Hawaii, Puerto Rico. Equipment Supplied by Stack Operator or Steamship Line.	P
85	Steamship/ Stack Operator	R-R, Ramp to Ramp	International Shipments With Prior or Subsequent Waterborne Movement. Includes Alaska, Hawaii, Puerto Rico. Equipment Supplied by Stack Operator or Steamship Line.	Q
87	Steamship/ Stack Operator	R-T, Origin Ramp to Door	International Shipments With Prior or Subsequent Waterborne Movement. Includes Alaska, Hawaii, Puerto Rico. Equipment Supplied by Stack Operator or Steamship Line.	R
Unknown	Unknown	Unknown	Unknown	X

9. Number of TOFC/COFCs (4 digit numeric)

The total number of TOFC/COFC units on the sampled waybill.¹

10. Trailer or Container Initials (4 character alpha)

The ownership of the trailer/container on flat car must be identified as recorded in the Intermodal Equipment Register. If the waybill covers a multiple TOFC/COFC unit movement, the initials of the first trailer/container are entered.¹

11. Trailer or Container Number (6 digit numeric)

The trailer/container number is assigned by the owner and, when combined with the owner's trailer/container initials, uniquely identifies the trailer/container used in the move. If the waybill covers a multiple TOFC/COFC unit movement, the number of the first trailer/container is entered.¹

12. Commodity Code (STCC-HAZMAT) (7 digit numeric)

The Standard Transportation Commodity Code (STCC) identifies the product designation for the commodity being transported. For hazardous materials or hazardous substances, the 49 series HAZMAT Code is used in lieu of the regular STCC. The 50 series STCC is used for bulk commodities transported in box cars.¹

13. Billed Weight (CWT) (9 digit numeric)
The total billed weight (in hundredweight) of the commodity being transported.¹
14. Actual Weight of Lading (CWT) (9 digit numeric)
The total actual weight of lading (in hundredweight), if provided, for the commodity being transported.¹
15. Freight Revenue (\$) (9 digit numeric)
The total freight line-haul revenue, from origin to destination, shown in dollars.¹
16. Transit Charges (\$) (9 digit numeric)
Transit charges, where applicable, shown in dollars.¹
17. Miscellaneous Charges (\$) (9 digit numeric)
The total of all miscellaneous charges, excluding transit and freight revenue charges, shown in dollars.¹
18. Inter/Intrastate Code (inferred) (1 digit numeric)
Normally, an Intrastate routing is inferred if the origin and destination states are the same. However, an Interstate routing is inferred for routings where the origin and destination stations are within a state but the customary routing exits and re-enters the state. Interstate movements should also include import, export, ex-lake and lake cargo movements.
- (1) Interstate
 - (2) Intrastate
 - (9) Cannot be Determined¹

19. Transit Code (1 digit numeric)
- (0) Not a transit movement
 - (1) Transit - indicates that the shipment is the outbound movement from a transit point, where some service has been performed, to the destination point (which can be another transit point).
 - (9) Cannot be Determined¹
20. All Rail/Intermodal Code (1 digit numeric)
- (1) All Rail
 - (2) Intermodal - a continuous movement involving at least one railroad and another mode.
 - (9) Cannot be Determined¹
21. Type of Move (inferred) (1 digit numeric)
- (0) Neither import nor export
 - (1) Imported commodity
 - (2) Exported commodity
 - (3) Commodity imported and exported, e.g., land bridge type traffic
 - (9) Cannot be Determined¹
22. Type of Move Via Water (inferred) (1 digit numeric)
- (0) Not a water movement
 - (1) Ex-Lake (from Great Lakes to reporting railroad)
 - (2) Lake Cargo (Rail to Great Lakes)
 - (3) Intercoastal - a continuous movement by U.S. rail which is part of an Atlantic Ocean (or Gulf) and Pacific Ocean movement, in either direction.
 - (4) Coastwise – a continuous movement involving rail at either end of a coastwise movement between ports on the East Coast (including Gulf) or between on the West Coast
 - (5) Inland Waterways - a rail movement in combination with a barge movement on rivers and canals (other than the Great Lakes) that is not considered a part of the rail movement, e.g., rail car ferry.
 - (9) Cannot be Determined¹

23. Substituted Truck-for-Rail Service (1 digit numeric)

- (0) Not substituted truck-for-rail service
- (1) Study movement involves substituted truck-for-rail service (for example, a rail carrier may be authorized by the Commission to institute truck for rail service when rail service is abandoned or a track is closed for various reasons).
- (9) Cannot be Determined¹

24. Short Line Miles (4 digit numeric)

Short Line miles comprise the shortest rail route over which carload traffic can be moved without transfer of lading. For a complete explanation, see Docket No. 28300.⁶

25. Rebill Code (1 digit numeric)

- (0) Not a rebill
- (1) Rebill - indicates that the shipment is rebilled at a portion of the through rate from origin to destination, and involves non-through billing railroads.
- (9) Cannot be Determined¹

26. Stratum Identification (1 digit numeric)

		Carloads per <u>Waybill</u>	Sampling <u>Rate</u>
(1)	MRI	1-2	1 of 40
(2)	MRI	3-15	1 of 12
(3)	MRI	16-60	1 of 4
(4)	MRI	61-100	1 of 3
(5)	MRI	Over 100	1 of 2
(6)	Hardcopy	1-5	1 of 100
(7)	Hardcopy	6-25	1 of 10
(8)	Hardcopy	Over 25	1 of 5 ^{1 or 6}

27. Subsample Code Number (1 digit numeric)

For MRI waybills, this coding (1, 2, 3, or 4) identifies the individual subsamples obtained under the computerized sampling procedure. This field is initialized to a blank for hardcopy waybills, but a replicate subsample code is added during completion of the master file, using the following formula:

$$\text{Code} = \text{Serial Number} - ((\text{Serial Number} / 4) * 4) + 1 \text{ truncated integer}$$

These subsample code numbers are used in a statistical fashion to estimate the standard deviation, or accuracy, of any level for the particular sample.⁵

28. Intermodal Equipment Flag (1 digit numeric)

- (0) Non-TOFC/COFC movement and non 'Road Railer' movement
- (1) "Might be TOFC/COFC" movement, where the following three criteria have been met:
 - a. The AAR equipment type is either 'P', 'Q' or 'S'.
 - b. The billed weight falls between either of these two weight ranges: 17-23 tons per car, or 34-46 tons per car.
 - c. All traditional TOFC/COFC fields are absent (i.e., the TOFC/COFC plan is ' ', the number of TOFC/COFC units is zero, the TOFC/COFC unit initial is blank, and the TOFC/COFC unit number is zero or blank).
- (2) "Road Railer" movement, the car is a special Bi-modal Highway/rail vehicle, commonly referred to as a 'Road Railer' van. Movement may be reported as either TOFC/COFC or as not a TOFC/COFC.
- (3) TOFC/COFC movement (not a 'Road Railer' movement).¹

29. Calculated Rate Flag (1 digit numeric)

- (0) Not a calculated rate.
- (1) The freight revenue figure is a calculated number (which has been derived from existing tariffs at the three-digit STCC level) employed to protect confidential contract rate information.¹

Note: This field is only used by the STB for internal analysis and does not appear on the completed Master tape retained by the contractor (AAR/RAILINC/ALK).

30. Waybill Identifier for Retrieval (MRI only) (25 character alpha-numeric)

The waybill identifier field is a set of codes or numbers, devised by the reporting railroad, meant to aid the reporting railroad in identifying and retrieving a copy of the study waybill, as required, for error checks or for an STB special study. Note: This item appears on MRI records only.¹

31. Reporting Railroad (3 digit numeric)

The reporting railroad's Association of American Railroads (AAR) code must be identified. The reporting railroad's code might differ from the terminating railroad's code as shown in element 33 since the reporting railroad might be reporting for its subsidiary or for other railroads under interline settlement agreements.¹

ROUTING: items 32 through 52

The routing is reported by using alphabetic codes for interchanges (junctions) and numerical codes for railroads from the Freight Mandatory Rule 260, as published by the Association of American Railroads/RAILINC. The origin FSAC (Freight Station Accounting Code) must be the code for the originating railroad's actual origin station (not billing station); the termination FSAC must be the terminating railroad's code for the actual termination station (not billing station). A single-line movement requires the entry of the one railroad's code for the origin FSAC and the destination FSAC. A two carrier move requires the origin railroad code (field 33) for the origin FSAC (field 32), the alpha code for the interchange in field 34, and the terminating railroad code for the termination FSAC (field 52).

32. Origin FSAC (5 digit numeric)

The Freight Station Accounting Code (FSAC) numeric designation of the origin station.¹

33. Origin Railroad (3 digit numeric)

The Accounting Rule 260 numeric code for the origin railroad.¹

34. Interchange #1 Rule 260 (5 character alpha)

The Accounting Rule 260 alpha code for the first interchange station. Traffic was either transferred to the terminating carrier or the first bridge railroad.¹

35. First Bridge Railroad (3 digit numeric)

The Accounting Rule 260 numeric code for the first bridge railroad.¹

Note: By definition, a bridge railroad cannot have originated or terminated the traffic movement.

36. Interchange #2 Rule 260 (5 character alpha)

The Accounting Rule 260 alpha code for the second interchange station. Traffic was either transferred to the terminating carrier or the second bridge railroad.¹

37. Second Bridge Railroad (3 digit numeric)

The Accounting Rule 260 numeric code for the second bridge railroad.¹

38. Interchange #3 Rule 260 (5 character alpha)

The Accounting Rule 260 alpha code for the third interchange station. Traffic was either transferred to the terminating carrier or the third bridge railroad.¹

39. Third Bridge Railroad (3 digit numeric)

The Accounting Rule 260 numeric code for the third bridge railroad.¹

40. Interchange #4 Rule 260 (5 character alpha)

The Accounting Rule 260 alpha code for the fourth interchange station. Traffic was either transferred to the terminating carrier or the fourth bridge railroad.¹

41. Fourth Bridge Railroad (3 digit numeric)

The Accounting Rule 260 numeric code for the fourth bridge railroad.¹

42. Interchange #5 Rule 260 (5 character alpha)

The Accounting Rule 260 alpha code for the fifth interchange station. Traffic was either transferred to the terminating carrier or the fifth bridge railroad.¹

43. Fifth Bridge Railroad (3 digit numeric)

The Accounting Rule 260 numeric code for the fifth bridge railroad.¹

44. Interchange #6 Rule 260 (5 character alpha)

The Accounting Rule 260 alpha code for the sixth interchange station. Traffic was either transferred to the terminating carrier or the sixth bridge railroad.¹

45. Sixth Bridge Railroad (3 digit numeric)
The Accounting Rule 260 numeric code for the sixth bridge railroad.¹
46. Interchange #7 Rule 260 (5 character alpha)
The Accounting Rule 260 alpha code for the seventh interchange station. Traffic was either transferred to the terminating carrier or the seventh bridge railroad.¹
51. Termination Railroad (3 digit numeric)
The Accounting Rule 260 numeric code for the termination railroad.¹
52. Termination FSAC (5 digit numeric)
The Freight Station Accounting Code numeric designation of the termination station.¹
53. Population Count (8 digit numeric)
The size of a stratum's population, from which the sample was selected.^{1 or 6}
54. Stratum Count (6 digit numeric)
The number of waybills (regardless of waybill year) that were chosen from a stratum's population.^{1 or 6}
55. Reporting Period Length (1 digit numeric)
(1) Monthly
(2) Quarterly⁵
56. Car Owner's Mark (4 character alpha)
The UMLER uniform alphabetic code for railroad owning car, or assigned reporting mark of private car company owning car. Equipment trust holders are not identified.²
57. Car Lessee's Mark (4 character alpha)
The UMLER uniform alphabetic code for railroad owning car, or assigned reporting mark of private car company owning car. Equipment trust holders are not identified.²

58. Car Capacity (5 digit numeric)

Cubic foot capacity of car (for all equipment types except flat).²
(See Appendix to Section 8 -UMLER Field Descriptions, Cubic Feet Capacity-Actual)

59. Nominal Capacity (3 digit numeric)

Numeric capacity, in thousands of pounds, as stenciled on the car and defined in the AAR Interchange Rule 70.²
(See Appendix to Section 8 - UMLER Field Descriptions, UMLER Nominal Capacity)

60. Tare Weight of Car (4 digit numeric)

The actual light weight (not an average), in hundredweight, for each car.²
(See Appendix to Section 8 -UMLER Field Descriptions, Tare Weight)

61. Outside Length (5 digit numeric)

Distance between pulling faces of the couplers in normal position. The first three digits represent feet. The last 2 digits represent inches, rounded up to the next inch in the case of a fraction.² (Example: 5 1/4" = 6")
(See Appendix to Section 8 -UMLER Field Descriptions, Outside Dimensions-Length)

62. Outside Width (4 digit numeric)

Measurement of outside width of car, including attachments projecting to greatest extent. The first two digits represent feet. The last two digits represent inches, rounded up to next inch in the case of a fraction.²
(See Appendix to Section 8 -UMLER Field Descriptions, Outside Dimensions/Upper Eaves Width)

63. Outside Height (4 digit numeric)

Measurement from top of rail to top of eaves at side of car. The first two digits represent feet. The last two digits represent inches, rounded up to the next inch in the case of a fraction.²
(See Appendix to Section 8 -UMLER Field Descriptions, Upper Eaves-Height)

64. Extreme Outside Height (4 digit numeric)

Measurement from top of rail to location where extreme height occurs. The first two digits represent feet. The last two digits represent inches, rounded up to the next inch in the case of a fraction.² (See Appendix to Section 8 -UMLER Field Descriptions, Outside Dimensions-Extreme Height)

65. Type of Wheel Bearings and Brakes (1 character alpha)

- (A) Plain bearings and composition brake shoes
- (B) Roller bearings and composition brake shoes
- (C) Plain bearings and cast iron brake shoes
- (D) Roller bearings and cast iron brake shoes
- (E) Roller bearings, composition brake shoes and constant contact side bearings
- (F) Roller bearings, cast iron brake shoes and constant contact side bearings
- (G) Roller bearings, composition brake shoes and empty/load brake system
- (H) Roller bearings, composition brake shoes, constant contact side bearings and empty/load brake system
- (I) Roller bearings, cast iron brake shoes and empty/load brake system
- (J) Roller bearings, cast iron brake shoes, constant contact side bearings and empty/load brake system
- (K) Roller bearings, composition brake shoes and designed for high speed train operations
- (L) Roller bearings, composition brake shoes, empty/load brake system and designed for high speed train operations²

(See Appendix to Section 8 -UMLER Field Descriptions, Bearing & Brake Shoe Type)

66. Number of Axles (1 character alpha-numeric)

<u>Axle Code</u>	<u>Axles per Car</u>	<u>Axle Code</u>	<u>Axles per Car</u>	<u>Axle Code</u>	<u>Axles per Car</u>
(2)	2	(F)	16	(Q)	27
(4)	4	(G)	17	(R)	28
(6)	6	(H)	18	(S)	29
(8)	8	(I)	19	(T)	30
(9)	9	(J)	20	(U)	31
(0)	10	(K)	21	(V)	32
(A)	11	(L)	22	(W)	33
(B)	12	(M)	23	(X)	34
(C)	13	(N)	24	(Y)	35
(D)	14	(O)	25	(Z)	36 or more ²
(E)	15	(P)	26		

(See Appendix to Section 8 -UMLER Field Descriptions, Axles)

67. Draft Gear (2 digit numeric)

Coding is equipment type dependent.²

(See Appendix to Section 8 -UMLER Field Descriptions, Draft Gear/Coupler)

68. Number of Articulated Units (1 digit numeric)

An articulated car consists of two or more cars permanently coupled together in such a manner that they cannot be separated for operations in interchange service as individual cars. Such cars will be operated under one reporting mark and one reporting number. The reported code indicates the number of units permanently attached. The minimum is 2, while 9 indicates nine or more units.²

Note: '0' indicates that the car is not articulated.

69. Pool Code Number (7 digit numeric)

Numeric code indicating name and location of a specific shipper assignment in accordance with the provisions of Car Service Rule 16C for equipment types covered by Circulars CSD 145, CSD 435.²

70. AAR Equipment Type (4 character alpha-numeric)

Alpha/numeric code giving a general physical description of the type of equipment.²
(See Appendix to Section 8 - AAR EQUIPMENT TYPE (UMLER))

71. Mechanical Designation (4 character alpha)

Mechanical designation is dependent on AAR equipment type.²
(See Appendix to Section 8 -UMLER Field Descriptions)

72. Licensing State (TOFC) (2 character alpha)

An alphabetic code representing the Standard Alphabetic Abbreviation for state, province or foreign country. This is applicable only to rail-owned TOFC/COFC equipment.²

73. Maximum Weight on Rail (3 digit numeric)

The actual total weight allowable on rail based on journal size, wheel size, or car construction and wheel truck (assuming 4 axles per car), listed in thousands of pounds.²

74. Origin SPLC (6 digit numeric)

The Standard Point Location Code of the origin station.³

75. Destination SPLC (6 digit numeric)
The Standard Point Location Code of the destination station.³
76. Commodity Code (non-HAZMAT STCC) (7 digit numeric)
The commodity code, as reported in item 12, with hazardous codes (49xxxxx) and bulk codes (50xxxxx) translated to the actual product commodity code.⁸
77. Origin Railroad Alpha (4 character alpha)
The Accounting Rule 260 alpha abbreviation for the origin railroad.³
78. First Interchange RR Alpha (4 character alpha)
The Accounting Rule 260 alpha abbreviation for the first bridge railroad.³
79. Second Interchange RR Alpha (4 character alpha)
The Accounting Rule 260 alpha abbreviation for the second bridge railroad.³
80. Third Interchange RR Alpha (4 character alpha)
The Accounting Rule 260 alpha abbreviation for the third bridge railroad.³
81. Fourth Interchange RR Alpha (4 character alpha)
The Accounting Rule 260 alpha abbreviation for the fourth bridge railroad.³
82. Fifth Interchange RR Alpha (4 character alpha)
The Accounting Rule 260 alpha abbreviation for the fifth bridge railroad.³
83. Sixth Interchange RR Alpha (4 character alpha)
The Accounting Rule 260 alpha abbreviation for the sixth bridge railroad.³
86. Termination Railroad Alpha (4 character alpha)
The Accounting Rule 260 alpha abbreviation for the termination railroad.³
87. Junction Frequency (1 digit numeric)
This figure represents the total number of junctions (between railroads) in the route.⁶

88. Theoretical Expansion Factor (3 digit numeric)

The theoretical expansion factor is the inverse of the sampling rate, as indicated by the stratum identification in item 26, and is used to expand the car, ton, trailer/container and revenue statistics to 100% levels.⁶

89. Routing Error Flag (1 character alpha)

This field contains either a 'T' (true) or an 'F' (false). An 'F' indicates that ALK was not able to sufficiently identify the actual origin or termination point of the route, so as to calculate a carrying distance for one or more railroads in the route. An 'F' in this field will be accompanied by a '99999' in the total distance field (and one or more railroad distance fields), and '99999' in all of the split revenue fields.⁶

90. STB Car Type (2 digit numeric)

The STB car type is inferred from the AAR equipment type, as described in item 70, and corresponds to the line number on STB Form 710 for type of car. (See Appendix to Section 8 - STB Car Type)⁴

92. AAR/RAILINC Error Codes (2 digit numeric, repeated 3 times)

Up to 3 two-digit error codes are appended to the end of each waybill record. Refer to the following sub-section, entitled "Waybill Error Codes and Messages," for specific error code definitions.⁵

93. Car Ownership (1 character alpha)

Alpha/numeric code which identifies the owner of the car: (R) = railroad owned; (P) = Privately Owned; (T) = Trailer Train.²

94. AAR TOFC/COFC Unit Type (4 character alpha-numeric)

Alpha/numeric code giving a general physical description of the type of intermodal equipment. (Refer to Section IX, Exhibit D, of the UMLER Specification Manual.)
Note: If TOFC/COFC Unit was not found in UMLER it has been given the most common trailer or container type for its STC Code.²

95. Deregulation Date (8 digit numeric)

The exact date (ccyyymmdd) of the commodity's deregulation where, cc = century, yy = year, mm = month, dd = day.⁸

Note: Use of this flag will only be determined by commodity, not equipment type.

96. Deregulation Flag (1 character alpha)

Identifies commodity movements which were exempt from regulation under Ex Parte 346. This flag is coded as '1' if the commodity was deregulated at any time during the waybill processing year. If the commodity was not deregulated during the waybill processing year, the field is coded as '2'.⁸

Note: Use of this flag will only be determined by commodity, not equipment type.

97. Service Type (1 character numeric)

This flag is used by ALK Associates for routing and calculating miles for each record. Different routing formulas are used for different service types, yielding mileage that more accurately reflects railroad operating patterns.

- (1) All other traffic not included in service types 2, 3 or 4.
- (2) Intermodal and finished automobiles, where the TOFC plan is non-zero or the AAR equipment type begins with P, Q, S, or Z.
- (3) Coal, coke, iron ore and bulk grain, where service type is not 2, and the 2-digit STCC is 11, or the 5-digit STCC is 29913-29914, or the 3-digit STCC is 101, or the 5-digit STCC is 01130-01139 and the AAR equipment type begins with C (designating a covered hopper).
- (4) Auto Racks/Finished Automobiles where AAR equipment type is V.⁶

98. Expanded Carloads (6 digit numeric)

The number of carloads (item 5) multiplied by the expansion factor (item 88).⁶

99. Billed Weight in Tons (7 digit numeric)

The billed weight (item 13) calculated in tons.⁶

100. Expanded Tons (8 digit numeric)

The billed weight in tons (item 99) multiplied by the expansion factor (item 88).⁶

101. Expanded Trailer/Container Count (6 digit numeric)

The number of TOFC/COFC units (item 9) multiplied by the expansion factor (item 88).⁶

102. Expanded Total Revenue (10 digit numeric)

The total freight revenue (item 15) multiplied by the expansion factor (item 88). Revenue splits are calculated by ALK in the following manner: the waybill's expanded freight revenue figure is divided by the number of 100 mile blocks traveled by each railroad in the route. The origin railroad is apportioned revenue for an additional block, to allow for pick-up and switching expenses. Likewise, the termination railroad is credited with revenue for an additional block, to allow for delivery expenses.⁶

103. Origin Railroad Split Revenue (10 digit numeric)

That portion of the total expanded revenue (item 102) assigned to the origin railroad.⁶

104. First Interchange RR Split Revenue (10 digit numeric)

That portion of the total expanded revenue (item 102) assigned to the second rail carrier in the route.⁶

105. Second Interchange RR Split Revenue (10 digit numeric)

That portion of the total expanded revenue (item 102) assigned to the third rail carrier in the route.⁶

106. Third Interchange RR Split Revenue (10 digit numeric)

That portion of the total expanded revenue (item 102) assigned to the fourth rail carrier in the route.⁶

107. Fourth Interchange RR Split Revenue (10 digit numeric)

That portion of the total expanded revenue (item 102) assigned to the fifth rail carrier in the route.⁶

108. Fifth Interchange RR Split Revenue (10 digit numeric)

That portion of the total expanded revenue (item 102) assigned to the sixth rail carrier in the route.⁶

109. Sixth Interchange RR Split Revenue (10 digit numeric)

That portion of the total expanded revenue (item 102) assigned to the seventh rail carrier in the route.⁶

112. Termination Railroad Split Revenue (10 digit numeric)

That portion of the total expanded revenue (item 102) assigned to the termination rail carrier in the route.⁶

113. First Railroad Distance (5 digit numeric, implied nnnn.n)

The actual distance traveled by the first carrier in the route, as calculated by ALK, using the Princeton Transportation Network Model. If, due to deficiencies in the route information, ALK was unable to calculate a distance for the first carrier, this field will contain the number '99999', as indicated by the Routing Error Flag (item 89).⁶

114. Second Railroad Distance (5 digit numeric, implied nnnn.n)

The actual distance traveled by the second carrier in the route, as calculated by ALK, using the Princeton Transportation Network Model. If, due to deficiencies in the route information, ALK was unable to calculate a distance for the second carrier, this field will contain the number '99999', as indicated by the Routing Error Flag (item 89).⁶

115. Third Railroad Distance (5 digit numeric, implied nnnn.n)

The actual distance traveled by the third carrier in the route, as calculated by ALK, using the Princeton Transportation Network Model. If, due to deficiencies in the route information, ALK was unable to calculate a distance for the third carrier, this field will contain the number '99999', as indicated by the Routing Error Flag (item 89).⁶

116. Fourth Railroad Distance (5 digit numeric, implied nnnn.n)

The actual distance traveled by the fourth carrier in the route, as calculated by ALK, using the Princeton Transportation Network Model. If, due to deficiencies in the route information, ALK was unable to calculate a distance for the fourth carrier, this field will contain the number '99999', as indicated by the Routing Error Flag (item 89).⁶

117. Fifth Railroad Distance (5 digit numeric, implied nnnn.n)

The actual distance traveled by the fifth carrier in the route, as calculated by ALK, using the Princeton Transportation Network Model. If, due to deficiencies in the route information, ALK was unable to calculate a distance for the fifth carrier, this field will contain the number '99999', as indicated by the Routing Error Flag (item 89).⁶

118. Sixth Railroad Distance (5 digit numeric, implied nnnn.n)

The actual distance traveled by the sixth carrier in the route, as calculated by ALK, using the Princeton Transportation Network Model. If, due to deficiencies in the route information, ALK was unable to calculate a distance for the sixth carrier, this field will contain the number '99999', as indicated by the Routing Error Flag (item 89).⁶

119. Seventh Railroad Distance (5 digit numeric, implied nnnn.n)

The actual distance traveled by the seventh carrier in the route, as calculated by ALK, using the Princeton Transportation Network Model. If, due to deficiencies in the route information, ALK was unable to calculate a distance for the seventh carrier, this field will contain the number '99999', as indicated by the Routing Error Flag (item 89).⁶

122. Termination Railroad Distance (5 digit numeric, implied nnnn.n)

The actual distance traveled by the termination carrier in the route, as calculated by ALK, using the Princeton Transportation Network Model. If, due to deficiencies in the route information, ALK was unable to calculate a distance for the termination carrier, this field will contain the number '99999', as indicated by the Routing Error Flag (item 89).⁶

123. Total Distance (5 digit numeric, implied nnnn.n)

The actual distance traveled by all carriers in the route, as calculated by ALK, using the Princeton Transportation Network Model. This field will contain the arithmetic sum of the previous ten fields. If, due to deficiencies in the route information, ALK was unable to calculate a distance for one or more carriers in the route, this field will contain the number '99999', as indicated by the Routing Error Flag (item 89).⁶

124. Origin State Alpha (2 character alpha)

The two-character abbreviation for the state in which the reported waybill movement originated.³

125. First Junction State Alpha (2 character alpha)

The two-character abbreviation for the state in which the reported waybill's first junction interchange station is located.³

126. Second Junction State Alpha (2 character alpha)

The two-character abbreviation for the state in which the reported waybill's second junction interchange station is located.³

127. Third Junction State Alpha (2 character alpha)

The two-character abbreviation for the state in which the reported waybill's third junction interchange station is located.³

128. Fourth Junction State Alpha (2 character alpha)

The two-character abbreviation for the state in which the reported waybill's fourth junction interchange station is located.³

129. Fifth Junction State Alpha (2 character alpha)

The two-character abbreviation for the state in which the reported waybill's fifth junction interchange station is located.³

130. Sixth Junction State Alpha (2 character alpha)

The two-character abbreviation for the state in which the reported waybill's sixth junction interchange station is located.³

131. Seventh Junction State Alpha (2 character alpha)

The two-character abbreviation for the state in which the reported waybill's seventh junction interchange station is located.³

134. Termination State Alpha (2 character alpha)

The two-character abbreviation for the state in which the reported waybill movement terminated.³

135. Origin BEA Area (3 digit numeric)

The Business Economic Area code for the reported waybill movement's origin location. (See Appendix A for "Department of Commerce - Bureau of Economic Analysis, Business Economic Area Codes")⁷

136. Termination BEA Area (3 digit numeric)

The Business Economic Area code for the reported waybill movement's termination location. (See Appendix A for "Department of Commerce - Bureau of Economic Analysis, Business Economic Area Codes")⁷

137. Origin FIPS Code (5 digit numeric)

The Federal Information Processing Standard code for the county in which the reported waybill movement originated.⁷

138. Termination FIPS Code (5 digit numeric)

The Federal Information Processing Standard code for the county in which the reported waybill movement terminated.⁷

139. Origin Freight Rate Area (2 digit numeric)

The freight rate area, as defined by the STB (and imputed from the Standard Point Location Code (SPLC)), in which the reported waybill movement originated. The freight rate areas are defined below:⁴

- (1) Kewaunee, Wisconsin, Sheboygan, Wisconsin; stations on the North Western Railway between Sheboygan and Milwaukee; stations on the Milwaukee Railway from Sheboygan to Milwaukee, thence Wisconsin and Southern to Rugby Junction, Wisconsin; stations on the Soo Line from Rugby Junction to Duplainville, Wisconsin; stations on the Milwaukee Railway from Duplainville to Madison, Wisconsin; stations on the North Western Railway from Madison, Wisconsin, through Montfort Junction, Wisconsin, to Benton, Wisconsin; Mississippi River crossings in Iowa; all stations in Wisconsin south and east of the border of Official Territory; stations in Indiana in the Chicago Switching district; and all stations in Illinois except east bank Mississippi River crossings south of the Missouri/Iowa state line and except north bank Ohio River crossings.
- (2) Ohio River crossings on both banks of the Ohio River between Cairo, Illinois, and Cincinnati, Ohio, inclusive; stations on the C&O Railway between Cincinnati, Ohio, and Kenova, West Virginia; stations on the Norfolk and Western between Kenova and the intersection with the Virginian Railway west of Roanoke, Virginia; stations on the Virginian Railway from the foregoing point of intersection of Suffolk, Virginia, stations on the Norfolk and Western between Suffolk and Norfolk, Virginia; stations in Virginia north of the east-west line across Virginia, just described, except those on the "Eastern Shore" but including Washington, D.C.; stations on the branch lines of the Norfolk and Western extending south of its main line (except those stations between Abingdon, Virginia, and West Jefferson, North Carolina, those between Roanoke, Virginia, and Winston-Salem, North Carolina, and those between Brookneal, Virginia, and Durham, North Carolina); and stations on the C&O Railway in Kentucky.

- (3) Mississippi River crossings on both banks of the river between the Missouri/Iowa state line and Cairo, Illinois.
- (4) All points in Official Territory other than those included in 1, 2, and 3 above.
- (5) Mississippi River crossings on both banks of the river south of Cairo, Illinois.
- (6) All points in Southern Territory other than those included in 2 and 5 above.
- (7) All stations on the Burlington Northern, North Western and C&S railways in Wyoming south and east of Sheridan and Casper, Wyoming; stations in Larimer and Boulder Counties, Colorado; stations on the railroads directly connecting Denver and Pueblo, Colorado; stations on the D&RGW Railway between Pueblo and Huerfano County, Colorado; and stations in Huerfano and Las Animas Counties, Colorado.
- (8) Stations in Kansas and Missouri except those included in 3 above.
- (9) Stations in Western Trunk Line Territory except those included in 1, 3, and 7 above.
- (10) El Paso, Texas, and all stations in New Mexico on the east of the line of the Santa Fe Railway extending northward from El Paso through Belen, New Mexico, to the New Mexico/Colorado boundary and, in addition, Santa Fe, New Mexico, and all stations in Colfax County, New Mexico.
- (11) All stations in Southwestern Territory except those described in 5 and 10 above.
- (12) All stations in Mountain-Pacific Territory except those included in 7 and 10 above.

140. Termination Freight Rate Area (2 digit numeric)

The freight rate area, as defined by the STB (and imputed from the Standard Point Location Code (SPLC)), in which the reported waybill movement terminated. The freight rate areas are defined in item 139.⁴

141. Origin Freight Rate Territory (1 digit numeric)

The freight rate territory, as defined by the STB, in which the reported waybill movement originated. Freight rate territories are imputed from the freight rate areas, and are coded as follows:⁴

- (0) Cannot be Determined
- (1) Official Territory: Commencing at the eastern terminus of the United States/Canadian boundary on the Atlantic Ocean and proceeding westwardly along the border to the Straits of Mackinac, thence southwestwardly across Lake Michigan to Kewaunee, Wisconsin, thence southward along the shore of Lake Michigan to Manitowoc, Wisconsin, thence southward along the line of the Chicago and North Western Railway to Milwaukee, Wisconsin, thence northwest along the Milwaukee Railway to Rugby Junction, Wisconsin, thence south along the Soo Line to Duplainville, Wisconsin, thence west along the Milwaukee Railway through Montfort Junction, Wisconsin, to Benton, Wisconsin, thence southwest by air line to the intersection of the Wisconsin-Illinois boundary with the Mississippi River, thence south along the Mississippi River to the mouth of the Ohio River, thence eastward along the Ohio to Cincinnati, Ohio, thence eastward along the Chesapeake and Ohio Railway to Kenova, West Virginia, thence eastward along the Norfolk and Western Railway to its intersection with the former Virginian Railway (now Norfolk and Western) west of Roanoke, Virginia, thence east along the former Virginian Railway to Suffolk, Virginia, thence northeast along the Norfolk and Western Railway to Norfolk, Virginia, and then northeastward along the Atlantic Coast to the point of beginning.
- (2) Southern Territory: Commencing at Norfolk, Virginia, and proceeding westwardly along the southern border of Official Territory as described in (1) above, to the mouth of the Ohio River, thence south along the Mississippi River to its mouth, and thence east and north along the Gulf and Atlantic Coast to the point of beginning.
- (3) Western Trunk Line Territory: Commencing at the Straits of Mackinac and following the international boundary northeastward and thence westward to the western boundary of North Dakota, thence south along the North Dakota and South Dakota/Montana line to Sheridan, Wyoming, thence southward along the line of the Burlington system to the Colorado/New Mexico line, thence eastward following the northern boundary of New Mexico, Oklahoma, and Arkansas to the Mississippi River, thence northward along the Mississippi River to the Wisconsin/Illinois line, and thence back to the point of beginning following the northwest boundary of Official Territory, as described in (1) above.

- (4) Southwestern Territory: Commencing at the intersection of the Missouri/Arkansas boundary with the Mississippi River and proceeding westward along the southern boundary of Missouri, Kansas and Colorado to the point where the Santa Fe Railway crosses the Colorado/New Mexico line, thence southward along the Santa Fe Railway to El Paso, Texas, thence following the international boundary to the mouth of the Rio Grande River, thence along the Gulf Coast to the mouth of the Mississippi River, and thence northward along the Mississippi River to the point of beginning.
- (5) Mountain-Pacific Territory: That portion of the United States which lies west of the western boundaries of Western Trunk Line and Southwestern Territories as described in (3) and (4) above.

142. Termination Freight Rate Territory (1 digit numeric)

The freight rate territory, as defined by the STB, in which the reported waybill movement terminated. Freight rate territories are imputed from the freight rate areas. See item 141 for full descriptions.

- (0) Cannot be Determined
- (1) Official Territory
- (2) Southern Territory
- (3) Western Trunk Line Territory
- (4) Southwestern Territory
- (5) Mountain-Pacific Territory⁴

143. Origin SMSA (4 digit numeric)

The Standard Metropolitan Statistical Area code for the reported waybill movement's origin location.⁷

144. Termination SMSA (4 digit numeric)

The Standard Metropolitan Statistical Area code for the reported waybill movement's termination location.⁷

145. Origin NET3 Number (5 digit numeric)

The Princeton Transportation Network Model number for the node to which the waybill movement's origin location is assigned.⁶

146. First Junction NET3 Number (5 digit numeric)

The Princeton Transportation Network Model number for the node to which the waybill route's first junction location is assigned.⁶

147. Second Junction NET3 Number (5 digit numeric)

The Princeton Transportation Network Model number for the node to which the waybill route's second junction location is assigned.⁶

148. Third Junction NET3 Number (5 digit numeric)

The Princeton Transportation Network Model number for the node to which the waybill route's third junction location is assigned.⁶

149. Fourth Junction NET3 Number (5 digit numeric)

The Princeton Transportation Network Model number for the node to which the waybill route's fourth junction location is assigned.⁶

150. Fifth Junction NET3 Number (5 digit numeric)

The Princeton Transportation Network Model number for the node to which the waybill route's fifth junction location is assigned.⁶

151. Sixth Junction NET3 Number (5 digit numeric)

The Princeton Transportation Network Model number for the node to which the waybill route's sixth junction location is assigned.⁶

152. Seventh Junction NET3 Number (5 digit numeric)

The Princeton Transportation Network Model number for the node to which the waybill route's seventh junction location is assigned.⁶

155. Termination NET3 Number (5 digit numeric)

The Princeton Transportation Network Model number for the node to which the waybill movement's termination location is assigned.⁶

156. State Through Flags (1 digit numeric, repeated 52 times)

A '1' indicates that the reported waybill route passes through the particular state.⁶

157. International Harmonized Code (12 character alpha)

The International Harmonized Code is a twelve-digit code in the following format; XXXX.XX.XXXX. It contains a description derived from the conversion of the Harmonized Tariff Schedule of the United States - Trade Policy Staff Committee, Office of the U.S. Trade Representative, Washington, D.C. 20506⁸

Note: 'XXXX.XX.XXXX' indicates no data is available.

158. Standard Industrial Classification (4 character alpha)

The Standard Industrial Classification (SIC) is a four-character code that contains the statistical classification standard underlying all establishment-based federal economic statistics classified by industry. Standard Industrial Classification Manual 1978 - Executive Office of the President, Office of Management and Budget.⁸

Note: 'XXXX' indicates no data is available.

159. International Standard Industrial Classification (4 character alpha)

The International Standard Industrial Classification is a four-character code containing the statistical classification standard underlying all establishment-based international economic statistics classified by industry. International Standard Industrial Classification - Executive Office of the President, Office of Management and Budget.⁸

Note: 'XXXX' indicates no data is available.

160. Dominion of Canada Code (3 character alpha)

The Dominion of Canada Code is a three-character code and is used in the monthly Canadian "Railway Transport-Revenue Freight Traffic" publication and in Schedule 35 of the Canadian "Annual Railway Transport" report.⁸

Note: 'XXX' indicates no data is available.

161. CS54 Group Code (2 character alpha)

The CS54 Group Code is a two-character code and is based on commodity classifications used in the weekly carloading report form CS54.(See Appendix A for “CS54 Group Codes”)⁸

162. Origin Freight Station Type (1 character alpha; repeated up to 4 times)

The type of station, where:

"R" = Railroad Freight Tariff Location

"M" = Motor Freight Tariff Location

"I" = Interchange point

"H" = Haulage point

"J" = Junction Settlement point

"W" = Switching point

"O" = Railroad Operating Location³

Note: “X” indicates no data is available.

163. Destination Freight Station Type (1 character alpha; repeated up to 4 times)

The type of station, where:

"R" = Railroad Freight Tariff Location

"M" = Motor Freight Tariff Location; Substituted truck-for-rail service

"I" = Interchange point

"H" = Haulage point

"J" = Junction Settlement point

"W" = Switching point

"O" = Railroad Operating Location³

Note: “X” indicates no data is available.

164. Origin Freight Station Rating Zip (9 character numeric)

The zip code used to represent the geographic area covered for rating purposes. Normally, only a three, four or five-digit zip code is provided.³

165. Destination Freight Station Rating Zip (9 character numeric)

The zip code used to represent the geographic area covered for rating purposes. Normally, only a three, four or five-digit zip code is provided.³

166. Origin Rate Base SPLC (9 digit numeric)

The Standard Point Location Code (SPLC) of the rate base. The SPLC data base, copyrighted by the National Motor Freight Traffic Association (NMFTA), is designed to provide each point originating freight and each point receiving freight with a unique code number so constructed as to identify the point as a geographic location. SPL Codes are based on a six-digit system of nesting recognized entities and numbering them in a standard geographic pattern. The nesting system is STATE - COUNTY - CITY (POINT), using two digits to identify each. Although not currently in use by the rail industry, an additional three- digit code may be added to each six-digit SPLC to further identify specific rate base locations.³

167. Destination Rate Base SPLC (9 digit numeric)

The Standard Point Location Code (SPLC) of the rate base. The SPLC data base, copyrighted by the National Motor Freight Traffic Association (NMFTA), is designed to provide each point originating freight and each point receiving freight with a unique code number so constructed as to identify the point as a geographic location. SPL Codes are based on a six-digit system of nesting recognized entities and numbering them in a standard geographic pattern. The nesting system is STATE - COUNTY - CITY (POINT), using two digits to identify each. Although not currently in use by the rail industry, an additional three- digit code may be added to each six-digit SPLC to further identify specific rate base locations.³

168. Origin Switch Limit SPLC (9 digit numeric)

The Standard Point Location Code (SPLC) of the switch limit. The SPLC data base, copyrighted by the National Motor Freight Traffic Association (NMFTA), is designed to provide each point originating freight and each point receiving freight with a unique code number so constructed as to identify the point as a geographic location. SPL Codes are based on a six-digit system of nesting recognized entities and numbering them in a standard geographic pattern. The nesting system is STATE - COUNTY - CITY (POINT), using two digits to identify each. Although not currently in use by the rail industry, an additional three- digit code may be added to each six-digit SPLC to further identify specific rate base locations.³

169. Destination Switch Limit SPLC (9 digit numeric)

The Standard Point Location Code (SPLC) of the switch limit. The SPLC data base, copyrighted by the National Motor Freight Traffic Association (NMFTA), is designed to provide each point originating freight and each point receiving freight with a unique code number so constructed as to identify the point as a geographic location. SPL Codes are based on a six-digit system of nesting recognized entities and numbering them in a standard geographic pattern. The nesting system is STATE - COUNTY - CITY (POINT), using two digits to identify each. Although not currently in use by the rail

industry, an additional three- digit code may be added to each six-digit SPLC to further identify specific rate base locations.³

170. Origin Customs Flag (1 character alpha)

Whether U.S. Customs will inspect cars and intermodal equipment requiring customs clearance at this station.

"Y" = Cars and trailers/containers can be inspected at this station.

"N" = Customs inspections are not made here.³

Note: "X" indicates no data is available.

171. Destination Customs Flag (1 character alpha)

Whether U.S. Customs will inspect cars and intermodal equipment requiring customs clearance at this station.

"Y" = Cars and trailers/containers can be inspected at this station.

"N" = Customs inspections are not made here.³

Note: "X" indicates no data is available.

172. Origin Grain Flag (1 character alpha)

Whether recognized grain inspection authorities inspect grain at this station.

"Y" = Grain can be inspected at this station.

"N" = Grain inspections are not made at this station.³

Note: "X" indicates no data is available.

173. Destination Grain Flag (1 character alpha)

Whether recognized grain inspection authorities inspect grain at this station.

"Y" = Grain can be inspected at this station.

"N" = Grain inspections are not made at this station.³

Note: "X" indicates no data is available.

174. Origin Automobile Ramp Facility Code (1 character alpha)

Whether automobiles can be physically loaded/unloaded from multilevel cars at this station.

"N" = No auto unloading facilities exist at the station

"F" = Fixed Ramp(s) are located at station

"P" = Portable Ramp(s) are located at station

"T" = Traversing

"B" = Both fixed and portable ramps

"A" = All types of ramps³

Note: "X" indicates no data is available.

175. Destination Automobile Ramp Facility Code (1 character alpha)

Whether automobiles can be physically loaded/unloaded from multilevel cars at this station.

"N" = No auto unloading facilities exist at the station

"F" = Fixed Ramp(s) are located at station

"P" = Portable Ramp(s) are located at station

"T" = Traversing

"B" = Both fixed and portable ramps

"A" = All types of ramps³

Note: "X" indicates no data is available.

176. Origin Intermodal Flag (1 character alpha)

Whether facilities exist to physically load/unload trailer/containers from rail cars at this station, where:

"0" = No intermodal loading/unloading facilities exist at the station

"1" = Circus type ramp

"2" = Overhead crane

"3" = Side lifter

"5" = Stack Train

"C" = Facility has been closed³

Note: "X" indicates no data is available.

177. Destination Intermodal Flag (1 character alpha)

Whether facilities exist to physically load/unload trailer/containers from rail cars at this station, where:

"0" = No intermodal loading/unloading facilities exist at the station

"1" = Circus type ramp

"2" = Overhead crane

"3" = Side Lifter

"5" = Stack Train

"C" = Facility has been closed³

Note: "X" indicates no data is available.

The following data is added to the file by the Surface Transportation Board

180. Origin Census Region (4 character alpha)

(See Appendix A for U.S. Census Regions.)⁹

181. Termination Census Region (4 character alpha)

(See Appendix A for U.S. Census Regions.)⁹

182. Exact Expansion Factor (7 digit numeric)

The exact expansion factor is calculated for each waybill, according to the formula shown below, and is used to expand the car, ton, trailer/container and revenue statistics to 100% levels. The format of this factor is 'nnn.nn' with an implied decimal point.⁴

Factor=(Population count / Sample count)

183. Total Variable Cost (8 digit numeric)

The expanded variable cost for all railroads in the waybill computed using the Uniform Railroad Costing System (URCS). URCS produces an average variable costs for Class I railroads using railroad specific accounting and operating data. Costs for local and regional railroads use URCS regional data. Ex Parte 270 (Sub 4) multiple car and unit train cost reductions are applied to multiple car shipment costs to reflect economies of scale. The costs removed from multiple car shipments are apportioned back to single car traffic using railroad specific "make whole" values. URCS costs are computed by the Surface Transportation Board.⁴

185. Railroad 1 Variable Cost (8 digit numeric)

The portion of the total variable cost (item 183) for the first rail carrier in the route. Includes multiple car and unit train cost reductions or a railroad specific, single car “make whole” cost, as appropriate.⁴

186. Railroad 2 Variable Cost (8 digit numeric)

The portion of the total variable cost (item 183) for the second rail carrier in the route. Includes multiple car and unit train cost reductions or a railroad specific, single car “make whole” cost, as appropriate.⁴

187. Railroad 3 Variable Cost (8 digit numeric)

The portion of the total variable cost (item 183) for the third rail carrier in the route. Includes multiple car and unit train cost reductions or a railroad specific, single car “make whole” cost, as appropriate.⁴

188. Railroad 4 Variable Cost (7 digit numeric)

The portion of the total variable cost (item 183) for the fourth rail carrier in the route. Includes multiple car and unit train cost reductions or a railroad specific, single car “make whole” cost, as appropriate.⁴

189. Railroad 5 Variable Cost (7 digit numeric)

The portion of the total variable cost (item 183) for the fifth rail carrier in the route. Includes multiple car and unit train cost reductions or a railroad specific, single car “make whole” cost, as appropriate.⁴

190. Railroad 6 Variable Cost (7 digit numeric)

The portion of the total variable cost (item 183) for the sixth rail carrier in the route. Includes multiple car and unit train cost reductions or a railroad specific, single car “make whole” cost, as appropriate.⁴

191. Railroad 7 Variable Cost (7 digit numeric)

The portion of the total variable cost (item 183) for the seventh rail carrier in the route. Includes multiple car and unit train cost reductions or a railroad specific, single car “make whole” cost, as appropriate.⁴

192. Railroad 8 Variable Cost (7 digit numeric)

The portion of the total variable cost (item 183) for the eighth rail carrier in the route. Includes multiple car and unit train cost reductions or a railroad specific, single car “make whole” cost, as appropriate.⁴

193. Transborder Flag (1 character numeric)

STB requires railroads to report information on either the entire international movement or treat the US portion of the movement as terminating at or near the border. Near the border is defined as either the last station or interchange point in the US that is within approximately 10 miles of the border, or the first station or interchange point in Canada or Mexico.

"0" = Normal Transborder

"1" = Near the Border

Sources:

- 1 Reported by Railroad
- 2 Universal Machine Language Equipment Register (UMLER) - function of Car Initial (item 6) and Car Number (item 7)
- 3 Centralized Station Master (CSM) - function of Railroad (item 33, 51) and Freight Station (item 32, 52)
- 4 Surface Transportation Board (STB) - Uniform Rail Costing System (URCS)
- 5 Association of American Railroads
- 6 ALK Associates, Inc.
- 7 US Department of Commerce
- 8 Standard Transportation Commodity Code (STCC)
- 9 US Census Bureau

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area (BEA) Codes
(Revised 1997)

001	Bangor, ME	040	Atlanta, GA-AL-NC
002	Portland, ME	041	Greenville-Spartanburg-Anderson, SC-NC
003	Boston-Worcester-Lawrence- Lowell-Brockton, MA-NH-RI-VT	042	Asheville, NC
004	Burlington, VT-NY	043	Chattanooga, TN-GA
005	Albany-Schenectady-Troy, NY	044	Knoxville, TN
006	Syracuse, NY-PA	045	Johnson City-Kingsport-Bristol, TN-VA
007	Rochester, NY-PA	046	Hickory-Morganton, NC-TN
008	Buffalo-Niagara Falls, NY-PA	047	Lexington, KY-TN-VA-WV
009	State College, PA	048	Charleston, WV-KY-OH
010	New York-No. New Jersey-Long Island, NY-NJ-CT-PA-MA-VT	049	Cincinnati-Hamilton, OH-KY-IN
011	Harrisburg-Lebanon-Carlisle, PA	050	Dayton-Springfield, OH
012	Philadelphia-Wilmington- Atlantic City, PA-NJ-DE-MD	051	Columbus, OH
013	Washington-Baltimore, DC-MD-VA-WV-PA	052	Wheeling, WV-OH
014	Salisbury, MD-DE-VA	053	Pittsburgh, PA-WV
015	Richmond-Petersburg, VA	054	Erie, PA
016	Staunton, VA-WV	055	Cleveland-Akron, OH-PA
017	Roanoke, VA-NC-WV	056	Toledo, OH
018	Greensboro-Winston-Salem- High Point, NC-VA	057	Detroit-Ann Arbor-Flint, MI
019	Raleigh-Durham-Chapel Hill, NC	058	Northern Michigan, MI
020	Norfolk-Virginia Beach- Newport News, VA-NC	059	Green Bay, WI-MI
021	Greenville, NC	060	Appleton-Oshkosh-Neenah, WI
022	Fayetteville, NC	061	Traverse City, MI
023	Charlotte-Gastonia-Rock Hill, NC-SC	062	Grand Rapids-Muskegon-Holland, MI
024	Columbia, SC	063	Milwaukee-Racine, WI
025	Wilmington, NC-SC	064	Chicago-Gary-Kenosha, IL-IN-WI
026	Charleston-North Charleston, SC	065	Elkhart-Goshen, IN-MI
027	Augusta-Aiken, GA-SC	066	Fort Wayne, IN
028	Savannah, GA-SC	067	Indianapolis, IN-IL
029	Jacksonville, FL-GA	068	Champaign-Urbana, IL
030	Orlando, FL	069	Evansville-Henderson, IN-KY-IL
031	Miami-Fort Lauderdale, FL	070	Louisville, KY-IN
032	Fort Myers-Cape Coral, FL	071	Nashville, TN-KY
033	Sarasota-Bradenton, FL	072	Paducah, KY-IL
034	Tampa-St. Petersburg-Clearwater, FL	073	Memphis, TN-AR-MS-KY
035	Tallahassee, FL-GA	074	Huntsville, AL-TN
036	Dothan, AL-FL-GA	075	Tupelo, MS-AL-TN
037	Albany, GA	076	Greenville, MS
038	Macon, GA	077	Jackson, MS-AL-LA
039	Columbus, GA-AL	078	Birmingham, AL
		079	Montgomery, AL
		080	Mobile, AL
		081	Pensacola, FL
		082	Biloxi-Gulfport-Pascagoula, MS

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area (BEA) Codes
(Revised 1997)

083	New Orleans, LA-MS	126	Western Oklahoma, OK
084	Baton Rouge, LA-MS	127	Dallas-Fort Worth, TX-AR-OK
085	Lafayette, LA	128	Abilene, TX
086	Lake Charles, LA	129	San Angelo, TX
087	Beaumont-Port Arthur, TX	130	Austin-San Marcos, TX
088	Shreveport-Bossier City, LA-AR	131	Houston-Galveston-Brazoria, TX
089	Monroe, LA	132	Corpus Christi, TX
090	Little Rock-North Little Rock, AR	133	McAllen-Edinburg-Mission, TX
091	Fort Smith, AR-OK	134	San Antonio, TX
092	Fayetteville-Springdale-Rogers, AR-MO-OK	135	Odessa-Midland, TX
093	Joplin, MO-KS-OK	136	Hobbs, NM-TX
094	Springfield, MO	137	Lubbock, TX
095	Jonesboro, AR-MO	138	Amarillo, TX-NM
096	St. Louis, MO-IL	139	Santa Fe, NM
097	Springfield, IL-MO	140	Pueblo, CO-NM
098	Columbia, MO	141	Denver-Boulder-Greeley, CO-KS-NE
099	Kansas City, MO-KS	142	Scottsbluff, NE-WY
100	Des Moines, IA-IL-MO	143	Casper, WY-ID-UT
101	Peoria-Pekin, IL	144	Billings, MT-WY
102	Davenport-Moline-Rock Island, IA-IL	145	Great Falls, MT
103	Cedar Rapids, IA	146	Missoula, MT
104	Madison, WI-IL-IA	147	Spokane, WA-ID
105	La Crosse, WI-MN	148	Idaho Falls, ID-WY
106	Rochester, MN-IA-WI	149	Twin Falls, ID
107	Minneapolis-St. Paul, MN-WI-IA	150	Boise City, ID-OR
108	Wausau, WI	151	Reno, NV-CA
109	Duluth-Superior, MN-WI	152	Salt Lake City-Ogden, UT-ID
110	Grand Forks, ND-MN	153	Las Vegas, NV-AZ-UT
111	Minot, ND	154	Flagstaff, AZ-UT
112	Bismarck, ND-MT-SD	155	Farmington, NM-CO
113	Fargo-Moorhead, ND-MN	156	Albuquerque, NM-AZ
114	Aberdeen, SD	157	El Paso, TX-NM
115	Rapid City, SD-MT-NE-ND	158	Phoenix-Mesa, AZ-NM
116	Sioux Falls, SD-IA-MN-NE	159	Tucson, AZ
117	Sioux City, IA-NE-SD	160	Los Angeles-Riverside-Orange County, CA-AZ
118	Omaha, NE-IA-MO	161	San Diego, CA
119	Lincoln, NE	162	Fresno, CA
120	Grand Island, NE	163	San Francisco-Oakland-San Jose, CA
121	North Platte, NE-CO	164	Sacramento-Yolo, CA
122	Wichita, KS-OK	165	Redding, CA-OR
123	Topeka, KS	166	Eugene-Springfield, OR-CA
124	Tulsa, OK-KS	167	Portland-Salem, OR-WA
125	Oklahoma City, OK	168	Pendleton, OR-WA
		169	Richland-Kennewick-Pasco, WA

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area (BEA) Codes
(Revised 1997)

170 Seattle-Tacoma-Bremerton, WA
171 Anchorage, AK
172 Honolulu, HI

Note: The following “BEA” Codes were created by the AAR/ALK processing team in order to maintain uniformity in this data field. These Codes are not recognized by the Department of Commerce.

173 Newfoundland
174 Nova Scotia
175 Prince Edward Island
176 New Brunswick
177 Quebec
178 Ontario
179 Manitoba
180 Saskatchewan
181 Alberta
182 British Columbia
183 Yukon/Northwest Territories
184 Puerto Rico
185 Mexico

**DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)**

BEA	County	State	BEA	County	State
001	AROOSTOOK	ME	004	ORLEANS	VT
001	HANCOCK	ME	004	RUTLAND	VT
001	KENNEBEC	ME	004	WASHINGTON	VT
001	PENOBSCOT	ME	005	ALBANY	NY
001	PISCATAQUIS	ME	005	COLUMBIA	NY
001	SOMERSET	ME	005	FULTON	NY
001	WALDO	ME	005	GREENE	NY
001	WASHINGTON	ME	005	HAMILTON	NY
002	ANDROSCOGGIN	ME	005	MONTGOMERY	NY
002	CUMBERLAND	ME	005	RENSSELAER	NY
002	FRANKLIN	ME	005	SARATOGA	NY
002	KNOX	ME	005	SCHENECTADY	NY
002	LINCOLN	ME	005	SCHOHARIE	NY
002	OXFORD	ME	005	WARREN	NY
002	SAGADAHOC	ME	005	WASHINGTON	NY
002	YORK	ME	006	BROOME	NY
003	BARNSTABLE	MA	006	CAYUGA	NY
003	BELKNAP	NH	006	CHENANGO	NY
003	BRISTOL	MA	006	CORTLAND	NY
003	BRISTOL	RI	006	DELAWARE	NY
003	CARROLL	NH	006	HERKIMER	NY
003	CHESHIRE	NH	006	JEFFERSON	NY
003	COOS	NH	006	LEWIS	NY
003	DUKES	MA	006	MADISON	NY
003	ESSEX	MA	006	ONEIDA	NY
003	ESSEX	VT	006	ONONDAGA	NY
003	GRAFTON	NH	006	OSWEGO	NY
003	HILLSBORO	NH	006	OTSEGO	NY
003	KENT	RI	006	SCHUYLER	NY
003	MERRIMACK	NH	006	ST LAWRENCE	NY
003	MIDDLESEX	MA	006	SUSQUEHANNA	PA
003	NANTUCKET	MA	006	TIOGA	NY
003	NEWPORT	RI	006	TOMPKINS	NY
003	NORFOLK	MA	007	BRADFORD	PA
003	ORANGE	VT	007	CHEMUNG	NY
003	PLYMOUTH	MA	007	GENESEE	NY
003	PROVIDENCE	RI	007	LIVINGSTON	NY
003	ROCKINGHAM	NH	007	MONROE	NY
003	STRAFFORD	NH	007	ONTARIO	NY
003	SUFFOLK	MA	007	ORLEANS	NY
003	SULLIVAN	NH	007	SENECA	NY
003	WASHINGTON	RI	007	STEUBEN	NY
003	WINDHAM	VT	007	TIOGA	PA
003	WINDSOR	VT	007	WAYNE	NY
003	WORCESTER	MA	007	WYOMING	NY
004	ADDISON	VT	007	YATES	NY
004	CALEDONIA	VT	008	ALLEGANY	NY
004	CHITTENDEN	VT	008	CATTARAUGUS	NY
004	CLINTON	NY	008	CHAUTAUQUA	NY
004	ESSEX	NY	008	ERIE	NY
004	FRANKLIN	NY	008	MCKEAN	PA
004	FRANKLIN	VT	008	NIAGARA	NY
004	GRAND ISLE	VT	008	POTTER	PA
004	LAMOILLE	VT	009	BEDFORD	PA

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
009	BLAIR	PA	010	SOMERSET	NJ
009	CAMBRIA	PA	010	SUFFOLK	NY
009	CAMERON	PA	010	SULLIVAN	NY
009	CENTRE	PA	010	SULLIVAN	PA
009	CLEARFIELD	PA	010	SUSSEX	NJ
009	ELK	PA	010	TOLLAND	CT
009	HUNTINGDON	PA	010	ULSTER	NY
009	JEFFERSON	PA	010	UNION	NJ
009	MIFFLIN	PA	010	UNION	PA
009	SOMERSET	PA	010	WARREN	NJ
010	BENNINGTON	VT	010	WAYNE	PA
010	BERGEN	NJ	010	WESTCHESTER	NY
010	BERKSHIRE	MA	010	WINDHAM	CT
010	BRONX	NY	010	WYOMING	PA
010	CARBON	PA	011	ADAMS	PA
010	CLINTON	PA	011	CUMBERLAND	PA
010	COLUMBIA	PA	011	DAUPHIN	PA
010	DUTCHESS	NY	011	JUNIATA	PA
010	ESSEX	NJ	011	LEBANON	PA
010	FAIRFIELD	CT	011	PERRY	PA
010	FRANKLIN	MA	011	YORK	PA
010	HAMPDEN	MA	012	ATLANTIC	NJ
010	HAMPSHIRE	MA	012	BERKS	PA
010	HARTFORD	CT	012	BUCKS	PA
010	HUDSON	NJ	012	BURLINGTON	NJ
010	HUNTERDON	NJ	012	CAMDEN	NJ
010	KINGS	NY	012	CAPE MAY	NJ
010	LACKAWANNA	PA	012	CECIL	MD
010	LEHIGH	PA	012	CHESTER	PA
010	LITCHFIELD	CT	012	CUMBERLAND	NJ
010	LUZERNE	PA	012	DELAWARE	PA
010	LYCOMING	PA	012	GLOUCESTER	NJ
010	MERCER	NJ	012	KENT	DE
010	MIDDLESEX	CT	012	LANCASTER	PA
010	MIDDLESEX	NJ	012	MONTGOMERY	PA
010	MONMOUTH	NJ	012	NEW CASTLE	DE
010	MONROE	PA	012	PHILADELPHIA	PA
010	MONTOUR	PA	012	SALEM	NJ
010	MORRIS	NJ	012	SCHUYLKILL	PA
010	NASSAU	NY	013	ALLEGANY	MD
010	NEW HAVEN	CT	013	ANNE ARUNDEL	MD
010	NEW LONDON	CT	013	ARLINGTON	VA
010	NEW YORK	NY	013	BALT CITY	MD
010	NORTHAMPTON	PA	013	BALTIMORE	MD
010	NORTHUMBERLAN	PA	013	BERKELEY	WV
010	OCEAN	NJ	013	CALVERT	MD
010	ORANGE	NY	013	CAROLINE	MD
010	PASSAIC	NJ	013	CAROLINE	VA
010	PIKE	PA	013	CARROLL	MD
010	PUTNAM	NY	013	CHARLES	MD
010	QUEENS	NY	013	CLARKE	VA
010	RICHMOND	NY	013	CULPEPER	VA
010	ROCKLAND	NY	013	DIST OF COLUMBIA	DC
010	SNYDER	PA	013	DORCHESTER	MD

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
013	FAIRFAX	VA	015	GREENE	VA
013	FAUQUIER	VA	015	GREENSVILLE	VA
013	FRANKLIN	PA	015	HANOVER	VA
013	FREDERICK	MD	015	HENRICO	VA
013	FREDERICK	VA	015	KING > QUEEN	VA
013	FULTON	PA	015	KING WILLIAM	VA
013	GARRETT	MD	015	LANCASTER	VA
013	GRANT	WV	015	LOUISA	VA
013	HAMPSHIRE	WV	015	LUNENBURG	VA
013	HARDY	WV	015	MECKLENBURG	VA
013	HARFORD	MD	015	MIDDLESEX	VA
013	HOWARD	MD	015	NELSON	VA
013	JEFFERSON	WV	015	NEW KENT	VA
013	KENT	MD	015	NORTHUMBERLAN	VA
013	KING GEORGE	VA	015	NOTTOWAY	VA
013	LOUDON	VA	015	POWHATAN	VA
013	MADISON	VA	015	PRINCE EDWARD	VA
013	MINERAL	WV	015	PRINCE GEORGE	VA
013	MONTGOMERY	MD	015	RICHMOND	VA
013	MORGAN	WV	015	SUSSEX	VA
013	ORANGE	VA	016	ALLEGHANY	VA
013	PAGE	VA	016	AUGUSTA	VA
013	PRINCE GEORGE	MD	016	BATH	VA
013	PRINCE WILLIA	VA	016	GREENBRIER	WV
013	QUEEN ANNES	MD	016	HIGHLAND	VA
013	RANDOLPH	WV	016	PENDLETON	WV
013	RAPPAHANNOCK	VA	016	POCAHONTAS	WV
013	SAINT MARYS	MD	016	ROCKBRIDGE	VA
013	SHENANDOAH	VA	016	ROCKINGHAM	VA
013	SPOTSYLVANIA	VA	017	ALLEGHANY	NC
013	STAFFORD	VA	017	AMHERST	VA
013	TALBOT	MD	017	APPOMATTOX	VA
013	TUCKER	WV	017	BEDFORD	VA
013	WARREN	VA	017	BOTETOURT	VA
013	WASHINGTON	MD	017	CAMPBELL	VA
013	WESTMORELAND	VA	017	CARROLL	VA
014	ACCOMACK	VA	017	CRAIG	VA
014	NORTHAMPTON	VA	017	FLOYD	VA
014	SOMERSET	MD	017	FRANKLIN	VA
014	SUSSEX	DE	017	GILES	VA
014	WICOMICO	MD	017	GRAYSON	VA
014	WORCESTER	MD	017	HALIFAX	VA
015	ALBEMARLE	VA	017	MONROE	WV
015	AMELIA	VA	017	MONTGOMERY	VA
015	BRUNSWICK	VA	017	PULASKI	VA
015	BUCKINGHAM	VA	017	ROANOKE	VA
015	CHARLES CITY	VA	017	WYTHE	VA
015	CHARLOTTE	VA	018	ALAMANCE	NC
015	CHESTERFIELD	VA	018	CASWELL	NC
015	CUMBERLAND	VA	018	DAVIDSON	NC
015	DINWIDDIE	VA	018	DAVIE	NC
015	ESSEX	VA	018	FORSYTH	NC
015	FLUVANNA	VA	018	GUILFORD	NC
015	GOOCHLAND	VA	018	HENRY	VA

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
018	MONTGOMERY	NC	021	GREENE	NC
018	MOORE	NC	021	HYDE	NC
018	PATRICK	VA	021	JONES	NC
018	PITTSYLVANIA	VA	021	LENOIR	NC
018	RANDOLPH	NC	021	MARTIN	NC
018	RICHMOND	NC	021	ONSLow	NC
018	ROCKINGHAM	NC	021	PAMLICO	NC
018	STOKES	NC	021	PITT	NC
018	SURRY	NC	021	TYRRELL	NC
018	WILKES	NC	021	WASHINGTON	NC
018	YADKIN	NC	021	WAYNE	NC
019	CHATHAM	NC	022	BLADEN	NC
019	DURHAM	NC	022	CUMBERLAND	NC
019	EDGEcombe	NC	022	HOKE	NC
019	FRANKLIN	NC	022	ROBESON	NC
019	GRANVILLE	NC	022	SCOTLAND	NC
019	HALIFAX	NC	023	ANSON	NC
019	HARNETT	NC	023	CABARRUS	NC
019	JOHNSTON	NC	023	CHESTER	SC
019	LEE	NC	023	CHESTERFIELD	SC
019	NASH	NC	023	CLEVELAND	NC
019	NORTHAMPTON	NC	023	GASTON	NC
019	ORANGE	NC	023	IREDELL	NC
019	PERSON	NC	023	LANCASTER	SC
019	SAMPSON	NC	023	LINCOLN	NC
019	VANCE	NC	023	MARLBORO	SC
019	WAKE	NC	023	MECKLENBURG	NC
019	WARREN	NC	023	ROWAN	NC
019	WILSON	NC	023	RUTHERFORD	NC
020	BERTIE	NC	023	STANLY	NC
020	CAMDEN	NC	023	UNION	NC
020	CHOWAN	NC	023	YORK	SC
020	CURRITUCK	NC	024	CALHOUN	SC
020	GATES	NC	024	CLARENDON	SC
020	GLOUCESTER	VA	024	FAIRFIELD	SC
020	HAMPTON	VA	024	KERSHAW	SC
020	HERTFORD	NC	024	LEE	SC
020	ISLE OF WIGHT	VA	024	LEXINGTON	SC
020	JAMES CITY	VA	024	NEWBERRY	SC
020	MATHEWS	VA	024	ORANGEBURG	SC
020	NEWPORT NEWS	VA	024	RICHLAND	SC
020	NORFOLK	VA	024	SALUDA	SC
020	PASQUOTANK	NC	024	SUMTER	SC
020	PERQUIMANS	NC	025	BRUNSWICK	NC
020	SOUTHAMPTON	VA	025	COLUMBUS	NC
020	SUFFOLK	VA	025	DARLINGTON	SC
020	SURRY	VA	025	DILLON	SC
020	VIRGINIA BCH	VA	025	FLORENCE	SC
020	YORK	VA	025	GEORGETOWN	SC
021	BEAUFORT	NC	025	HORRY	SC
021	CARTERET	NC	025	MARION	SC
021	CRAVEN	NC	025	NEW HANOVER	NC
021	DARE	NC	025	PENDER	NC
021	DUPLIN	NC	025	WILLIAMSBURG	SC

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
026	BERKELEY	SC	029	PIERCE	GA
026	CHARLESTON	SC	029	PUTNAM	FL
026	COLLETON	SC	029	SAINT JOHNS	FL
026	DORCHESTER	SC	029	SUWANNEE	FL
027	AIKEN	SC	029	UNION	FL
027	ALLENDALE	SC	029	WARE	GA
027	BAMBERG	SC	030	BREVARD	FL
027	BARNWELL	SC	030	CITRUS	FL
027	BURKE	GA	030	FLAGLER	FL
027	COLUMBIA	GA	030	HARDEE	FL
027	EDGEFIELD	SC	030	HIGHLANDS	FL
027	GLASCOCK	GA	030	LAKE	FL
027	JEFFERSON	GA	030	MARION	FL
027	JENKINS	GA	030	ORANGE	FL
027	LINCOLN	GA	030	OSCEOLA	FL
027	MCDUFFIE	GA	030	POLK	FL
027	RICHMOND	GA	030	SEMINOLE	FL
027	WARREN	GA	030	SUMTER	FL
027	WILKES	GA	030	VOLUSIA	FL
028	BEAUFORT	SC	031	BROWARD	FL
028	BRYAN	GA	031	DADE	FL
028	BULLOCH	GA	031	GLADES	FL
028	CANDLER	GA	031	HENDRY	FL
028	CHATHAM	GA	031	INDIAN RIVER	FL
028	EFFINGHAM	GA	031	MARTIN	FL
028	EVANS	GA	031	MONROE	FL
028	HAMPTON	SC	031	OKEECHOBEE	FL
028	JASPER	SC	031	PALM BEACH	FL
028	LIBERTY	GA	031	SAINT LUCIEN	FL
028	LONG	GA	032	COLLIER	FL
028	SCREVEN	GA	032	LEE	FL
028	TATTNALL	GA	033	CHARLOTTE	FL
028	WAYNE	GA	033	DE SOTO	FL
029	ALACHUA	FL	033	MANATEE	FL
029	ATKINSON	GA	033	SARASOTA	FL
029	BACON	GA	034	HERNANDO	FL
029	BAKER	FL	034	HILLSBOROUGH	FL
029	BRADFORD	FL	034	PASCO	FL
029	BRANTLEY	GA	034	PINELLAS	FL
029	CAMDEN	GA	035	BAY	FL
029	CHARLTON	GA	035	CALHOUN	FL
029	CLAY	FL	035	DECATUR	GA
029	CLINCH	GA	035	EARLY	GA
029	COFFEE	GA	035	FRANKLIN	FL
029	COLUMBIA	FL	035	GADSDEN	FL
029	DIXIE	FL	035	GRADY	GA
029	DUVAL	FL	035	GULF	FL
029	GILCHRIST	FL	035	JACKSON	FL
029	GLYNN	GA	035	JEFFERSON	FL
029	HAMILTON	FL	035	LEON	FL
029	LAFAYETTE	FL	035	LIBERTY	FL
029	LEVY	FL	035	MADISON	FL
029	MCINTOSH	GA	035	MILLER	GA
029	NASSAU	FL	035	SEMINOLE	GA

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
035	TAYLOR	FL	038	SCHLEY	GA
035	THOMAS	GA	038	SUMTER	GA
035	WAKULLA	FL	038	TAYLOR	GA
036	BARBOUR	AL	038	TELFAIR	GA
036	COFFEE	AL	038	TOOMBS	GA
036	COVINGTON	AL	038	TREUTLEN	GA
036	DALE	AL	038	TWIGGS	GA
036	GENEVA	AL	038	WASHINGTON	GA
036	HENRY	AL	038	WHEELER	GA
036	HOLMES	FL	038	WILCOX	GA
036	HOUSTON	AL	038	WILKINSON	GA
036	QUITMAN	GA	039	CHATTAHOOCHEE	GA
036	WASHINGTON	FL	039	CLAY	AL
037	BAKER	GA	039	COOSA	AL
037	BEN HILL	GA	039	HARRIS	GA
037	BERRIEN	GA	039	LEE	AL
037	BROOKS	GA	039	MACON	AL
037	CALHOUN	GA	039	MARION	GA
037	CLAY	GA	039	MUSCOGEE	GA
037	COLQUITT	GA	039	RUSSELL	AL
037	COOK	GA	039	STEWART	GA
037	DOUGHERTY	GA	039	TALLAPOOSA	AL
037	ECHOLS	GA	039	WEBSTER	GA
037	IRWIN	GA	040	BANKS	GA
037	LANIER	GA	040	BARROW	GA
037	LEE	GA	040	BARTOW	GA
037	LOWNDES	GA	040	BUTTS	GA
037	MITCHELL	GA	040	CARROLL	GA
037	RANDOLPH	GA	040	CHAMBERS	AL
037	TERRELL	GA	040	CHATTOOGA	GA
037	TIFT	GA	040	CHEROKEE	AL
037	TURNER	GA	040	CHEROKEE	GA
037	WORTH	GA	040	CHEROKEE	NC
038	APPLING	GA	040	CLARKE	GA
038	BALDWIN	GA	040	CLAY	NC
038	BIBB	GA	040	CLAYTON	GA
038	BLECKLEY	GA	040	CLEBURNE	AL
038	CRAWFORD	GA	040	COBB	GA
038	CRISP	GA	040	COWETA	GA
038	DODGE	GA	040	DAWSON	GA
038	DOOLY	GA	040	DE KALB	GA
038	EMANUEL	GA	040	DOUGLAS	GA
038	HANCOCK	GA	040	ELBERT	GA
038	HOUSTON	GA	040	FANNIN	GA
038	JEFF DAVIS	GA	040	FAYETTE	GA
038	JOHNSON	GA	040	FLOYD	GA
038	JONES	GA	040	FORSYTH	GA
038	LAURENS	GA	040	FRANKLIN	GA
038	MACON	GA	040	FULTON	GA
038	MONROE	GA	040	GILMER	GA
038	MONTGOMERY	GA	040	GORDON	GA
038	PEACH	GA	040	GRAHAM	NC
038	PULASKI	GA	040	GREENE	GA
038	PUTNAM	GA	040	GWINNETT	GA

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
040	HABERSHAM	GA	042	TRANSYLVANIA	NC
040	HALL	GA	043	BLEDSON	TN
040	HARALSON	GA	043	BRADLEY	TN
040	HART	GA	043	CATOOSA	GA
040	HEARD	GA	043	DADE	GA
040	HENRY	GA	043	HAMILTON	TN
040	JACKSON	GA	043	MARION	TN
040	JASPER	GA	043	MCMINN	TN
040	LAMAR	GA	043	MEIGS	TN
040	LUMPKIN	GA	043	MONROE	TN
040	MACON	NC	043	POLK	TN
040	MADISON	GA	043	RHEA	TN
040	MERIWETHER	GA	043	SEQUATCHIE	TN
040	MORGAN	GA	043	WALKER	GA
040	MURRAY	GA	044	ANDERSON	TN
040	NEWTON	GA	044	BLOUNT	TN
040	OCONEE	GA	044	CAMPBELL	TN
040	OGLETHORPE	GA	044	COCKE	TN
040	PAULDING	GA	044	GRAINGER	TN
040	PICKENS	GA	044	HAMBLEN	TN
040	PIKE	GA	044	HANCOCK	TN
040	POLK	GA	044	JEFFERSON	TN
040	RABUN	GA	044	KNOX	TN
040	RANDOLPH	AL	044	LOUDON	TN
040	ROCKDALE	GA	044	MORGAN	TN
040	SPALDING	GA	044	ROANE	TN
040	STEPHENS	GA	044	SCOTT	TN
040	TALBOT	GA	044	SEVIER	TN
040	TALIAFERRO	GA	044	UNION	TN
040	TOWNS	GA	045	CARTER	TN
040	TROUP	GA	045	GREENE	TN
040	UNION	GA	045	HAWKINS	TN
040	UPSON	GA	045	SCOTT	VA
040	WALTON	GA	045	SMYTH	VA
040	WHITE	GA	045	SULLIVAN	TN
040	WHITFIELD	GA	045	UNICOI	TN
041	ABBEVILLE	SC	045	WASHINGTON	TN
041	ANDERSON	SC	045	WASHINGTON	VA
041	CHEROKEE	SC	046	ALEXANDER	NC
041	GREENVILLE	SC	046	ASHE	NC
041	GREENWOOD	SC	046	AVERY	NC
041	LAURENS	SC	046	BURKE	NC
041	MCCORMICK	SC	046	CALDWELL	NC
041	OCONEE	SC	046	CATAWBA	NC
041	PICKENS	SC	046	JOHNSON	TN
041	POLK	NC	046	MCDOWELL	NC
041	SPARTANBURG	SC	046	MITCHELL	NC
041	UNION	SC	046	WATAUGA	NC
042	BUNCOMBE	NC	046	YANCEY	NC
042	HAYWOOD	NC	047	ADAIR	KY
042	HENDERSON	NC	047	ANDERSON	KY
042	JACKSON	NC	047	BATH	KY
042	MADISON	NC	047	BELL	KY
042	SWAIN	NC	047	BLAND	VA

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
047	BOURBON	KY	047	SCOTT	KY
047	BOYLE	KY	047	TAYLOR	KY
047	BREATHITT	KY	047	TAZEWELL	VA
047	BUCHANAN	VA	047	WAYNE	KY
047	CASEY	KY	047	WHITLEY	KY
047	CLAIBORNE	TN	047	WISE	VA
047	CLARK	KY	047	WOLFE	KY
047	CLAY	KY	047	WOODFORD	KY
047	CLINTON	KY	048	BOONE	WV
047	DICKENSON	VA	048	BOYD	KY
047	ESTILL	KY	048	BRAXTON	WV
047	FAYETTE	KY	048	CABELL	WV
047	FLEMING	KY	048	CALHOUN	WV
047	FLOYD	KY	048	CARTER	KY
047	FRANKLIN	KY	048	CLAY	WV
047	GARRARD	KY	048	ELLIOTT	KY
047	GREEN	KY	048	FAYETTE	WV
047	HARLAN	KY	048	GALLIA	OH
047	HARRISON	KY	048	GILMER	WV
047	JACKSON	KY	048	GREENUP	KY
047	JESSAMINE	KY	048	JACKSON	WV
047	JOHNSON	KY	048	KANAWHA	WV
047	KNOTT	KY	048	LAWRENCE	OH
047	KNOX	KY	048	LINCOLN	WV
047	LAUREL	KY	048	LOGAN	WV
047	LAWRENCE	KY	048	MASON	WV
047	LEE	KY	048	MEIGS	OH
047	LEE	VA	048	NICHOLAS	WV
047	LESLIE	KY	048	PLEASANTS	WV
047	LETCHER	KY	048	PUTNAM	WV
047	LINCOLN	KY	048	RALEIGH	WV
047	MADISON	KY	048	RITCHIE	WV
047	MAGOFFIN	KY	048	ROANE	WV
047	MARTIN	KY	048	SUMMERS	WV
047	MCCREARY	KY	048	WASHINGTON	OH
047	MCDOWELL	WV	048	WAYNE	WV
047	MENIFEE	KY	048	WEBSTER	WV
047	MERCER	KY	048	WIRT	WV
047	MERCER	WV	048	WOOD	WV
047	MINGO	WV	048	WYOMING	WV
047	MONTGOMERY	KY	049	ADAMS	OH
047	MORGAN	KY	049	BOONE	KY
047	NICHOLAS	KY	049	BRACKEN	KY
047	OWEN	KY	049	BROWN	OH
047	OWSLEY	KY	049	BUTLER	OH
047	PERRY	KY	049	CAMPBELL	KY
047	PIKE	KY	049	CLERMONT	OH
047	POWELL	KY	049	CLINTON	OH
047	PULASKI	KY	049	DEARBORN	IN
047	ROBERTSON	KY	049	FRANKLIN	IN
047	ROCKCASTLE	KY	049	GALLATIN	KY
047	ROWAN	KY	049	GRANT	KY
047	RUSSELL	KY	049	HAMILTON	OH
047	RUSSELL	VA	049	HIGHLAND	OH

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
049	KENTON	KY	053	BUTLER	PA
049	LEWIS	KY	053	DODDRIDGE	WV
049	MASON	KY	053	FAYETTE	PA
049	OHIO	IN	053	GREENE	PA
049	PENDLETON	KY	053	HARRISON	WV
049	RIPLEY	IN	053	INDIANA	PA
049	SWITZERLAND	IN	053	LAWRENCE	PA
049	WARREN	OH	053	LEWIS	WV
050	CHAMPAIGN	OH	053	MARION	WV
050	CLARK	OH	053	MONONGALIA	WV
050	DARKE	OH	053	PRESTON	WV
050	GREENE	OH	053	TAYLOR	WV
050	MIAMI	OH	053	UPSHUR	WV
050	MONTGOMERY	OH	053	WASHINGTON	PA
050	PREBLE	OH	053	WESTMORELAND	PA
050	SHELBY	OH	054	CLARION	PA
051	ATHENS	OH	054	CRAWFORD	PA
051	COSHOCTON	OH	054	ERIE	PA
051	DELAWARE	OH	054	FOREST	PA
051	FAIRFIELD	OH	054	VENANGO	PA
051	FAYETTE	OH	054	WARREN	PA
051	FRANKLIN	OH	055	ASHLAND	OH
051	GUERNSEY	OH	055	ASHTABULA	OH
051	HOCKING	OH	055	CARROLL	OH
051	JACKSON	OH	055	COLUMBIANA	OH
051	KNOX	OH	055	CRAWFORD	OH
051	LICKING	OH	055	CUYAHOGA	OH
051	LOGAN	OH	055	ERIE	OH
051	MADISON	OH	055	GEAUGA	OH
051	MARION	OH	055	HARRISON	OH
051	MORGAN	OH	055	HOLMES	OH
051	MORROW	OH	055	HURON	OH
051	MUSKINGUM	OH	055	LAKE	OH
051	NOBLE	OH	055	LORAIN	OH
051	PERRY	OH	055	MAHONING	OH
051	PICKAWAY	OH	055	MEDINA	OH
051	PIKE	OH	055	MERCER	PA
051	ROSS	OH	055	PORTAGE	OH
051	SCIOTO	OH	055	RICHLAND	OH
051	UNION	OH	055	STARK	OH
051	VINTON	OH	055	SUMMIT	OH
052	BELMONT	OH	055	TRUMBULL	OH
052	BROOKE	WV	055	TUSCARAWAS	OH
052	HANCOCK	WV	055	WAYNE	OH
052	JEFFERSON	OH	056	ALLEN	OH
052	MARSHALL	WV	056	AUGLAIZE	OH
052	MONROE	OH	056	DEFIANCE	OH
052	OHIO	WV	056	FULTON	OH
052	TYLER	WV	056	HANCOCK	OH
052	WETZEL	WV	056	HARDIN	OH
053	ALLEGHENY	PA	056	HENRY	OH
053	ARMSTRONG	PA	056	LUCAS	OH
053	BARBOUR	WV	056	MERCER	OH
053	BEAVER	PA	056	OTTAWA	OH

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
056	PAULDING	OH	059	DELTA	MI
056	PUTNAM	OH	059	DICKINSON	MI
056	SANDUSKY	OH	059	DOOR	WI
056	SENECA	OH	059	FLORENCE	WI
056	VAN WERT	OH	059	GOGEBIC	MI
056	WILLIAMS	OH	059	HOUGHTON	MI
056	WOOD	OH	059	IRON	MI
056	WYANDOT	OH	059	IRON	WI
057	ALCONA	MI	059	KEWAUNEE	WI
057	ARENAC	MI	059	KEWEENAW	MI
057	BAY	MI	059	MARINETTE	WI
057	CLARE	MI	059	MARQUETTE	MI
057	CLINTON	MI	059	MENOMINEE	MI
057	EATON	MI	059	MENOMINEE	WI
057	GENESEE	MI	059	OCONTO	WI
057	GLADWIN	MI	059	ONTONAGON	MI
057	GRATIOT	MI	059	SCHOOLCRAFT	MI
057	HILLSDALE	MI	059	SHAWANO	WI
057	HURON	MI	060	CALUMET	WI
057	INGHAM	MI	060	OUTAGAMIE	WI
057	IOSCO	MI	060	WAUPACA	WI
057	ISABELLA	MI	060	WAUSHARA	WI
057	JACKSON	MI	060	WINNEBAGO	WI
057	LAPEER	MI	061	ANTRIM	MI
057	LENAWEE	MI	061	BENZIE	MI
057	LIVINGSTON	MI	061	GRAND TRAVERS	MI
057	MACOMB	MI	061	KALKASKA	MI
057	MIDLAND	MI	061	LAKE	MI
057	MONROE	MI	061	LEELANAU	MI
057	OAKLAND	MI	061	MANISTEE	MI
057	OGEMAW	MI	061	MASON	MI
057	SAGINAW	MI	061	MISSAUKEE	MI
057	SAINTE CLAIR	MI	061	OSCEOLA	MI
057	SANILAC	MI	061	WEXFORD	MI
057	SHIAWASSEE	MI	062	ALLEGAN	MI
057	TUSCOLA	MI	062	BARRY	MI
057	WASHTENAW	MI	062	BRANCH	MI
057	WAYNE	MI	062	CALHOUN	MI
058	ALPENA	MI	062	IONIA	MI
058	CHARLEVOIX	MI	062	KALAMAZOO	MI
058	CHEBOYGAN	MI	062	KENT	MI
058	CHIPPEWA	MI	062	MECOSTA	MI
058	CRAWFORD	MI	062	MONTCALM	MI
058	EMMET	MI	062	MUSKEGON	MI
058	LUCE	MI	062	NEWAYGO	MI
058	MACKINAC	MI	062	OCEANA	MI
058	MONTMORENCY	MI	062	OTTAWA	MI
058	OSCODA	MI	062	VAN BUREN	MI
058	OTSEGO	MI	063	DODGE	WI
058	PRESQUE ISLE	MI	063	FOND DU LAC	WI
058	ROSCOMMON	MI	063	GREEN LAKE	WI
059	ALGER	MI	063	JEFFERSON	WI
059	BARAGA	MI	063	MANITOWOC	WI
059	BROWN	WI	063	MILWAUKEE	WI

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
063	OZAUKEE	WI	066	NOBLE	IN
063	RACINE	WI	066	STEUBEN	IN
063	SHEBOYGAN	WI	066	WABASH	IN
063	WALWORTH	WI	066	WELLS	IN
063	WASHINGTON	WI	066	WHITLEY	IN
063	WAUKESHA	WI	067	BARTHOLOMEW	IN
064	BOONE	IL	067	BENTON	IN
064	BUREAU	IL	067	BOONE	IN
064	CARROLL	IL	067	BROWN	IN
064	COOK	IL	067	CARROLL	IN
064	DE KALB	IL	067	CASS	IN
064	DE WITT	IL	067	CASS	IN
064	DU PAGE	IL	067	CLARK	IL
064	GRUNDY	IL	067	CLAY	IN
064	IROQUOIS	IL	067	CLAY	IN
064	JASPER	IN	067	CLINTON	IN
064	KANE	IL	067	DECATUR	IN
064	KANKAKEE	IL	067	DELAWARE	IN
064	KENDALL	IL	067	FAYETTE	IN
064	KENOSHA	WI	067	FAYETTE	IN
064	LA PORTE	IN	067	FOUNTAIN	IN
064	LA SALLE	IL	067	GREENE	IN
064	LAKE	IL	067	HAMILTON	IN
064	LAKE	IN	067	HAMILTON	IN
064	LEE	IL	067	HANCOCK	IN
064	LIVINGSTON	IL	067	HENDRICKS	IN
064	MCHENRY	IL	067	HENRY	IN
064	MCLEAN	IL	067	HOWARD	IN
064	NEWTON	IN	067	JACKSON	IN
064	OGLE	IL	067	JACKSON	IN
064	PORTER	IN	067	JENNINGS	IN
064	PUTNAM	IL	067	JOHNSON	IN
064	ROCK	WI	067	JOHNSON	IN
064	STEPHENSON	IL	067	LAWRENCE	IN
064	WILL	IL	067	LAWRENCE	IN
064	WINNEBAGO	IL	067	MADISON	IN
065	BERRIEN	MI	067	MADISON	IN
065	CASS	MI	067	MARION	IN
065	ELKHART	IN	067	MARION	IN
065	FULTON	IN	067	MIAMI	IN
065	KOSCIUSKO	IN	067	MIAMI	IN
065	LAGRANGE	IN	067	MONROE	IN
065	MARSHALL	IN	067	MONROE	IN
065	PULASKI	IN	067	MONTGOMERY	IN
065	SAINT JOSEPH	MI	067	MONTGOMERY	IN
065	ST JOSEPH	IN	067	MORGAN	IN
065	STARKE	IN	067	MORGAN	IN
066	ADAMS	IN	067	ORANGE	IN
066	ALLEN	IN	067	ORANGE	IN
066	BLACKFORD	IN	067	OWEN	IN
066	DE KALB	IN	067	OWEN	IN
066	GRANT	IN	067	PARKE	IN
066	HUNTINGTON	IN	067	PARKE	IN
066	JAY	IN	067	PUTNAM	IN
			067	RANDOLPH	IN
			067	RANDOLPH	IN
			067	RUSH	IN
			067	RUSH	IN
			067	SHELBY	IN
			067	SHELBY	IN
			067	SULLIVAN	IN
			067	SULLIVAN	IN
			067	TIPPECANOE	IN
			067	TIPPECANOE	IN
			067	TIPTON	IN
			067	TIPTON	IN
			067	UNION	IN
			067	UNION	IN
			067	VERMILLION	IN
			067	VERMILLION	IN
			067	VIGO	IN
			067	VIGO	IN
			067	WARREN	IN
			067	WARREN	IN
			067	WAYNE	IN
			067	WAYNE	IN
			067	WHITE	IN
			067	WHITE	IN
			068	CHAMPAIGN	IL
			068	CHAMPAIGN	IL
			068	CLAY	IL
			068	CLAY	IL
			068	COLES	IL
			068	COLES	IL
			068	CUMBERLAND	IL
			068	CUMBERLAND	IL

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
068	DOUGLAS	IL	070	NELSON	KY
068	EDGAR	IL	070	OLDHAM	KY
068	EFFINGHAM	IL	070	SCOTT	IN
068	FAYETTE	IL	070	SHELBY	KY
068	FORD	IL	070	SPENCER	KY
068	JASPER	IL	070	TRIMBLE	KY
068	MACON	IL	070	WASHINGTON	IN
068	MOULTRIE	IL	070	WASHINGTON	KY
068	PIATT	IL	071	ALLEN	KY
068	SHELBY	IL	071	BARREN	KY
068	VERMILION	IL	071	BEDFORD	TN
069	CRAWFORD	IL	071	BUTLER	KY
069	CRITTENDEN	KY	071	CANNON	TN
069	DAVISS	IN	071	CHEATHAM	TN
069	DAVISS	KY	071	CHRISTIAN	KY
069	DUBOIS	IN	071	CLAY	TN
069	EDWARDS	IL	071	COFFEE	TN
069	GIBSON	IN	071	CUMBERLAND	KY
069	HANCOCK	KY	071	CUMBERLAND	TN
069	HENDERSON	KY	071	DAVIDSON	TN
069	HOPKINS	KY	071	DEKALB	TN
069	KNOX	IN	071	DICKSON	TN
069	LAWRENCE	IL	071	EDMONSON	KY
069	MARTIN	IN	071	FENTRESS	TN
069	MCLEAN	KY	071	FRANKLIN	TN
069	MUHLENBERG	KY	071	GILES	TN
069	OHIO	KY	071	GRUNDY	TN
069	PERRY	IN	071	HART	KY
069	PIKE	IN	071	HICKMAN	TN
069	POSEY	IN	071	HOUSTON	TN
069	RICHLAND	IL	071	HUMPHREYS	TN
069	SPENCER	IN	071	JACKSON	TN
069	UNION	KY	071	LAWRENCE	TN
069	VANDEBURGH	IN	071	LEWIS	TN
069	WABASH	IL	071	LOGAN	KY
069	WARRICK	IN	071	MACON	TN
069	WAYNE	IL	071	MARSHALL	TN
069	WEBSTER	KY	071	MAURY	TN
069	WHITE	IL	071	METCALFE	KY
070	BRECKINRIDGE	KY	071	MONROE	KY
070	BULLITT	KY	071	MONTGOMERY	TN
070	CARROLL	KY	071	MOORE	TN
070	CLARK	IN	071	OVERTON	TN
070	CRAWFORD	IN	071	PERRY	TN
070	FLOYD	IN	071	PICKETT	TN
070	GRAYSON	KY	071	PUTNAM	TN
070	HARDIN	KY	071	ROBERTSON	TN
070	HARRISON	IN	071	RUTHERFORD	TN
070	HENRY	KY	071	SIMPSON	KY
070	JEFFERSON	IN	071	SMITH	TN
070	JEFFERSON	KY	071	STEWART	TN
070	LARUE	KY	071	SUMNER	TN
070	MARION	KY	071	TODD	KY
070	MEADE	KY	071	TRIGG	KY

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
071	TROUSDALE	TN	074	DE KALB	AL
071	VAN BUREN	TN	074	ETOWAH	AL
071	WARREN	KY	074	FRANKLIN	AL
071	WARREN	TN	074	JACKSON	AL
071	WAYNE	TN	074	LAUDERDALE	AL
071	WHITE	TN	074	LAWRENCE	AL
071	WILLIAMSON	TN	074	LIMESTONE	AL
071	WILSON	TN	074	LINCOLN	TN
072	BALLARD	KY	074	MADISON	AL
072	CALDWELL	KY	074	MARSHALL	AL
072	CALLOWAY	KY	074	MORGAN	AL
072	CARLISLE	KY	075	ALCORN	MS
072	GRAVES	KY	075	CALHOUN	MS
072	LIVINGSTON	KY	075	CHICKASAW	MS
072	LYON	KY	075	CHOCTAW	MS
072	MARSHALL	KY	075	CLAY	MS
072	MASSAC	IL	075	GRENADA	MS
072	MCCRACKEN	KY	075	HARDIN	TN
073	BENTON	MS	075	ITAWAMBA	MS
073	BENTON	TN	075	LAMAR	AL
073	CARROLL	TN	075	LEE	MS
073	CHESTER	TN	075	LOWNDES	MS
073	CRITTENDEN	AR	075	MCNAIRY	TN
073	CROCKETT	TN	075	MONROE	MS
073	CROSS	AR	075	MONTGOMERY	MS
073	DE SOTO	MS	075	NOXUBEE	MS
073	DECATUR	TN	075	OKTIBBEHA	MS
073	DYER	TN	075	PICKENS	AL
073	FAYETTE	TN	075	PONTOTOC	MS
073	FULTON	KY	075	PRENTISS	MS
073	GIBSON	TN	075	TIPPAH	MS
073	HARDEMAN	TN	075	TISHOMINGO	MS
073	HAYWOOD	TN	075	UNION	MS
073	HENDERSON	TN	075	WEBSTER	MS
073	HENRY	TN	075	WINSTON	MS
073	HICKMAN	KY	076	BOLIVAR	MS
073	LAFAYETTE	MS	076	CARROLL	MS
073	LAKE	TN	076	COAHOMA	MS
073	LAUDERDALE	TN	076	HUMPHREYS	MS
073	LEE	AR	076	ISSAQUENA	MS
073	MADISON	TN	076	LEFLORE	MS
073	MARSHALL	MS	076	SHARKEY	MS
073	OBION	TN	076	SUNFLOWER	MS
073	PANOLA	MS	076	TALLAHATCHIE	MS
073	PHILLIPS	AR	076	WASHINGTON	MS
073	QUITMAN	MS	077	ADAMS	MS
073	SHELBY	TN	077	AMITE	MS
073	ST FRANCIS	AR	077	ATTALA	MS
073	TATE	MS	077	CATAHOULA	LA
073	TIPTON	TN	077	CHOCTAW	AL
073	TUNICA	MS	077	CLAIBORNE	MS
073	WEAKLEY	TN	077	CLARKE	MS
073	YALOBUSHA	MS	077	CONCORDIA	LA
074	COLBERT	AL	077	COPIAH	MS

Business Economic Area (BEA) Codes

**DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)**

BEA	County	State	BEA	County	State
077	COVINGTON	MS	079	DALLAS	AL
077	FORREST	MS	079	ELMORE	AL
077	FRANKLIN	MS	079	LOWNDES	AL
077	GREENE	AL	079	MONTGOMERY	AL
077	GREENE	MS	079	PERRY	AL
077	HINDS	MS	079	PIKE	AL
077	HOLMES	MS	080	BALDWIN	AL
077	JASPER	MS	080	CLARKE	AL
077	JEFFERSON	MS	080	CONECUH	AL
077	JEFFERSON DAV	MS	080	ESCAMBIA	AL
077	JONES	MS	080	MOBILE	AL
077	KEMPER	MS	080	MONROE	AL
077	LAMAR	MS	080	WASHINGTON	AL
077	LAUDERDALE	MS	080	WILCOX	AL
077	LAWRENCE	MS	081	ESCAMBIA	FL
077	LEAKE	MS	081	OKALOOSA	FL
077	LINCOLN	MS	081	SANTA ROSA	FL
077	MADISON	LA	081	WALTON	FL
077	MADISON	MS	082	GEORGE	MS
077	MARENGO	AL	082	HANCOCK	MS
077	MARION	MS	082	HARRISON	MS
077	NESHOBA	MS	082	JACKSON	MS
077	NEWTON	MS	082	STONE	MS
077	PERRY	MS	083	JEFFERSON	LA
077	PIKE	MS	083	LAFOURCHE	LA
077	RANKIN	MS	083	ORLEANS	LA
077	SCOTT	MS	083	PEARL RIVER	MS
077	SIMPSON	MS	083	PLAQUEMINES	LA
077	SMITH	MS	083	ST BERNARD	LA
077	SUMTER	AL	083	ST CHARLES	LA
077	TENSAS	LA	083	ST JAMES	LA
077	WALTHALL	MS	083	ST JOHN	LA
077	WARREN	MS	083	ST TAMMANY	LA
077	WAYNE	MS	083	TANGIPAOHA	LA
077	YAZOO	MS	083	TERREBONNE	LA
078	BIBB	AL	083	WASHINGTON	LA
078	BLOUNT	AL	084	ASCENSION	LA
078	CALHOUN	AL	084	ASSUMPTION	LA
078	CHILTON	AL	084	E BATON ROUGE	LA
078	CULLMAN	AL	084	EAST FELICIAN	LA
078	FAYETTE	AL	084	IBERVILLE	LA
078	HALE	AL	084	LIVINGSTON	LA
078	JEFFERSON	AL	084	POINTE COUPEE	LA
078	MARION	AL	084	ST HELENA	LA
078	SHELBY	AL	084	W BATON ROUGE	LA
078	ST CLAIR	AL	084	WEST FELICIAN	LA
078	TALLADEGA	AL	084	WILKINSON	MS
078	TUSCALOOSA	AL	085	ACADIA	LA
078	WALKER	AL	085	EVANGELINE	LA
078	WINSTON	AL	085	IBERIA	LA
079	AUTAUGA	AL	085	LAFAYETTE	LA
079	BULLOCK	AL	085	ST LANDRY	LA
079	BUTLER	AL	085	ST MARTIN	LA
079	CRENSHAW	AL	085	ST MARY	LA

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
085	VERMILION	LA	090	FAULKNER	AR
086	ALLEN	LA	090	FULTON	AR
086	AVOUELLES	LA	090	GARLAND	AR
086	BEAUREGARD	LA	090	GRANT	AR
086	CALCASIEU	LA	090	HEMPSTEAD	AR
086	CAMERON	LA	090	HOT SPRING	AR
086	GRANT	LA	090	HOWARD	AR
086	JEFF DAVIS	LA	090	INDEPENDENCE	AR
086	LA SALLE	LA	090	IZARD	AR
086	RAPIDES	LA	090	JACKSON	AR
086	VERNON	LA	090	JEFFERSON	AR
087	HARDIN	TX	090	JOHNSON	AR
087	JASPER	TX	090	LINCOLN	AR
087	JEFFERSON	TX	090	LONOKE	AR
087	NEWTON	TX	090	MARION	AR
087	ORANGE	TX	090	MONROE	AR
087	TYLER	TX	090	MONTGOMERY	AR
088	BIENVILLE	LA	090	NEVADA	AR
088	BOSSIER	LA	090	NEWTON	AR
088	CADDO	LA	090	OUACHITA	AR
088	CLAIBORNE	LA	090	PERRY	AR
088	COLUMBIA	AR	090	PIKE	AR
088	DE SOTO	LA	090	POPE	AR
088	LAFAYETTE	AR	090	PRAIRIE	AR
088	NATCHITOCHE	LA	090	PULASKI	AR
088	RED RIVER	LA	090	SALINE	AR
088	SABINE	LA	090	SEARCY	AR
088	WEBSTER	LA	090	SHARP	AR
088	WINN	LA	090	STONE	AR
089	CALDWELL	LA	090	UNION	AR
089	EAST CARROLL	LA	090	VAN BUREN	AR
089	FRANKLIN	LA	090	WHITE	AR
089	JACKSON	LA	090	WOODRUFF	AR
089	LINCOLN	LA	090	YELL	AR
089	MOREHOUSE	LA	091	CRAWFORD	AR
089	OUACHITA	LA	091	FRANKLIN	AR
089	RICHLAND	LA	091	HASKELL	OK
089	UNION	LA	091	LATIMER	OK
089	WEST CARROLL	LA	091	LE FLORE	OK
090	ARKANSAS	AR	091	LOGAN	AR
090	ASHLEY	AR	091	SCOTT	AR
090	BAXTER	AR	091	SEBASTIAN	AR
090	BOONE	AR	091	SEQUOYAH	OK
090	BRADLEY	AR	092	ADAIR	OK
090	CALHOUN	AR	092	BENTON	AR
090	CARROLL	AR	092	DELAWARE	OK
090	CHICOT	AR	092	MADISON	AR
090	CLARK	AR	092	MCDONALD	MO
090	CLEBURNE	AR	092	WASHINGTON	AR
090	CLEVELAND	AR	093	BARTON	MO
090	CONWAY	AR	093	CHEROKEE	KS
090	DALLAS	AR	093	CRAWFORD	KS
090	DESHA	AR	093	JASPER	MO
090	DREW	AR	093	NEWTON	MO

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
093	OTTAWA	OK	096	JEFFERSON	MO
094	BARRY	MO	096	JERSEY	IL
094	CAMDEN	MO	096	JOHNSON	IL
094	CHRISTIAN	MO	096	LINCOLN	MO
094	DADE	MO	096	MACOUPIN	IL
094	DALLAS	MO	096	MADISON	IL
094	DENT	MO	096	MADISON	MO
094	DOUGLAS	MO	096	MARION	IL
094	GREENE	MO	096	MISSISSIPPI	MO
094	HICKORY	MO	096	MONROE	IL
094	HOWELL	MO	096	MONTGOMERY	MO
094	LACLEDE	MO	096	NEW MADRID	MO
094	LAWRENCE	MO	096	PERRY	IL
094	MARIES	MO	096	PERRY	MO
094	MILLER	MO	096	PIKE	MO
094	MORGAN	MO	096	POPE	IL
094	OREGON	MO	096	PULASKI	IL
094	OZARK	MO	096	RANDOLPH	IL
094	PHELPS	MO	096	REYNOLDS	MO
094	POLK	MO	096	RIPLEY	MO
094	PULASKI	MO	096	SALINE	IL
094	SHANNON	MO	096	SCOTT	MO
094	STONE	MO	096	ST CHARLES	MO
094	TANEY	MO	096	ST CLAIR	IL
094	TEXAS	MO	096	ST FRANCOIS	MO
094	WEBSTER	MO	096	ST LOUIS	MO
094	WRIGHT	MO	096	ST LOUIS CITY	MO
095	CLAY	AR	096	STE GENEVIEVE	MO
095	CRAIGHEAD	AR	096	STODDARD	MO
095	DUNKLIN	MO	096	UNION	IL
095	GREENE	AR	096	WARREN	MO
095	LAWRENCE	AR	096	WASHINGTON	IL
095	MISSISSIPPI	AR	096	WASHINGTON	MO
095	PEMISCOT	MO	096	WAYNE	MO
095	POINSETT	AR	096	WILLIAMSON	IL
095	RANDOLPH	AR	097	ADAMS	IL
096	ALEXANDER	IL	097	BROWN	IL
096	BOLLINGER	MO	097	CASS	IL
096	BOND	IL	097	CHRISTIAN	IL
096	BUTLER	MO	097	GREENE	IL
096	CALHOUN	IL	097	LEWIS	MO
096	CAPE GIRARDEA	MO	097	LOGAN	IL
096	CARTER	MO	097	MARION	MO
096	CLINTON	IL	097	MENARD	IL
096	CRAWFORD	MO	097	MONTGOMERY	IL
096	FRANKLIN	IL	097	MORGAN	IL
096	FRANKLIN	MO	097	PIKE	IL
096	GALLATIN	IL	097	RALLS	MO
096	GASCONADE	MO	097	SANGAMON	IL
096	HAMILTON	IL	097	SCHUYLER	IL
096	HARDIN	IL	097	SCOTT	IL
096	IRON	MO	098	AUDRAIN	MO
096	JACKSON	IL	098	BOONE	MO
096	JEFFERSON	IL	098	CALLAWAY	MO

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
098	COLE	MO	099	VERNON	MO
098	COOPER	MO	099	WORTH	MO
098	HOWARD	MO	099	WYANDOTTE	KS
098	MONITEAU	MO	100	ADAIR	IA
098	MONROE	MO	100	APPANOOSE	IA
098	OSAGE	MO	100	BLACK HAWK	IA
098	RANDOLPH	MO	100	BOONE	IA
098	SHELBY	MO	100	BREMER	IA
099	ADAIR	MO	100	BUCHANAN	IA
099	ANDERSON	KS	100	BUENA VISTA	IA
099	ANDREW	MO	100	BUTLER	IA
099	ATCHISON	KS	100	CALHOUN	IA
099	BATES	MO	100	CARROLL	IA
099	BENTON	MO	100	CERRO GORDO	IA
099	BOURBON	KS	100	CHICKASAW	IA
099	BUCHANAN	MO	100	CLARK	MO
099	CALDWELL	MO	100	CLARKE	IA
099	CARROLL	MO	100	CLAY	IA
099	CASS	MO	100	CRAWFORD	IA
099	CEDAR	MO	100	DALLAS	IA
099	CHARITON	MO	100	DAVIS	IA
099	CLAY	MO	100	DECATUR	IA
099	CLINTON	MO	100	DES MOINES	IA
099	DAVISS	MO	100	DICKINSON	IA
099	DE KALB	MO	100	EMMET	IA
099	DONIPHAN	KS	100	FAYETTE	IA
099	DOUGLAS	KS	100	FLOYD	IA
099	FRANKLIN	KS	100	FRANKLIN	IA
099	GENTRY	MO	100	GREENE	IA
099	GRUNDY	MO	100	GRUNDY	IA
099	HARRISON	MO	100	GUTHRIE	IA
099	HENRY	MO	100	HAMILTON	IA
099	HOLT	MO	100	HANCOCK	IA
099	JACKSON	MO	100	HANCOCK	IL
099	JOHNSON	KS	100	HARDIN	IA
099	JOHNSON	MO	100	HENDERSON	IL
099	KNOX	MO	100	HENRY	IA
099	LAFAYETTE	MO	100	HUMBOLDT	IA
099	LEAVENWORTH	KS	100	JASPER	IA
099	LINN	KS	100	JEFFERSON	IA
099	LINN	MO	100	KEOKUK	IA
099	LIVINGSTON	MO	100	KOSSUTH	IA
099	MACON	MO	100	LEE	IA
099	MERCER	MO	100	LUCAS	IA
099	MIAMI	KS	100	MADISON	IA
099	NODAWAY	MO	100	MAHASKA	IA
099	PETTIS	MO	100	MARION	IA
099	PLATTE	MO	100	MARSHALL	IA
099	PUTNAM	MO	100	MITCHELL	IA
099	RAY	MO	100	MONROE	IA
099	SALINE	MO	100	PALO ALTO	IA
099	SCHUYLER	MO	100	POCAHONTAS	IA
099	ST CLAIR	MO	100	POLK	IA
099	SULLIVAN	MO	100	POWESHIEK	IA

Business Economic Area (BEA) Codes

**DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)**

BEA	County	State	BEA	County	State
100	RINGGOLD	IA	104	MARQUETTE	WI
100	SAC	IA	104	RICHLAND	WI
100	SCOTLAND	MO	104	SAUK	WI
100	STORY	IA	105	HOUSTON	MN
100	TAMA	IA	105	JACKSON	WI
100	UNION	IA	105	LA CROSSE	WI
100	VAN BUREN	IA	105	MONROE	WI
100	WAPELLO	IA	105	TREMPEALEAU	WI
100	WARREN	IA	105	VERNON	WI
100	WAYNE	IA	106	BUFFALO	WI
100	WEBSTER	IA	106	DODGE	MN
100	WINNEBAGO	IA	106	FILLMORE	MN
100	WORTH	IA	106	HOWARD	IA
100	WRIGHT	IA	106	MOWER	MN
101	FULTON	IL	106	OLMSTED	MN
101	KNOX	IL	106	WABASHA	MN
101	MARSHALL	IL	106	WINNESHIEK	IA
101	MASON	IL	106	WINONA	MN
101	MCDONOUGH	IL	107	AITKIN	MN
101	PEORIA	IL	107	ANOKA	MN
101	STARK	IL	107	BARRON	WI
101	TAZEWELL	IL	107	BELTRAMI	MN
101	WARREN	IL	107	BENTON	MN
101	WOODFORD	IL	107	BLUE EARTH	MN
102	CEDAR	IA	107	BROWN	MN
102	CLINTON	IA	107	BURNETT	WI
102	HENRY	IL	107	CARVER	MN
102	LOUISA	IA	107	CASS	MN
102	MERCER	IL	107	CHIPPEWA	MN
102	MUSCATINE	IA	107	CHIPPEWA	WI
102	ROCK ISLAND	IL	107	CHISAGO	MN
102	SCOTT	IA	107	CLEARWATER	MN
102	WHITESIDE	IL	107	COTTONWOOD	MN
103	BENTON	IA	107	CROW WING	MN
103	IOWA	IA	107	DAKOTA	MN
103	JOHNSON	IA	107	DOUGLAS	MN
103	JONES	IA	107	DUNN	WI
103	LINN	IA	107	EAU CLAIRE	WI
103	WASHINGTON	IA	107	FARIBAULT	MN
104	ADAMS	WI	107	FREEBORN	MN
104	ALLAMAKEE	IA	107	GOODHUE	MN
104	CLAYTON	IA	107	GRANT	MN
104	COLUMBIA	WI	107	HENNEPIN	MN
104	CRAWFORD	WI	107	HUBBARD	MN
104	DANE	WI	107	ISANTI	MN
104	DELAWARE	IA	107	JACKSON	MN
104	DUBUQUE	IA	107	KANABEC	MN
104	GRANT	WI	107	KANDIYOHI	MN
104	GREEN	WI	107	LAC QUI PARLE	MN
104	IOWA	WI	107	LE SUEUR	MN
104	JACKSON	IA	107	LINCOLN	MN
104	JO DAVIESS	IL	107	LYON	MN
104	JUNEAU	WI	107	MARTIN	MN
104	LAFAYETTE	WI	107	MCLEOD	MN

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
107	MEEKER	MN	110	BENSON	ND
107	MILLE LACS	MN	110	CAVALIER	ND
107	MORRISON	MN	110	EDDY	ND
107	MURRAY	MN	110	GRAND FORKS	ND
107	NICOLLET	MN	110	KITTSO	MN
107	NOBLES	MN	110	LAKE IN WOODS	MN
107	OSCEOLA	IA	110	MARSHALL	MN
107	PEPIN	WI	110	NELSON	ND
107	PIERCE	WI	110	PEMBINA	ND
107	PINE	MN	110	PENNINGTON	MN
107	POLK	WI	110	POLK	MN
107	POPE	MN	110	RAMSEY	ND
107	RAMSEY	MN	110	RED LAKE	MN
107	REDWOOD	MN	110	ROLETTE	ND
107	RENVILLE	MN	110	ROSEAU	MN
107	RICE	MN	110	STEELE	ND
107	RUSK	WI	110	TOWNER	ND
107	SAWYER	WI	110	TRAILL	ND
107	SCOTT	MN	110	WALSH	ND
107	SHERBURNE	MN	111	BOTTINEAU	ND
107	SIBLEY	MN	111	BURKE	ND
107	ST CROIX	WI	111	DIVIDE	ND
107	STEARNS	MN	111	MCHENRY	ND
107	STEELE	MN	111	MCKENZIE	ND
107	STEVENS	MN	111	MOUNTRAIL	ND
107	SWIFT	MN	111	RENVILLE	ND
107	TODD	MN	111	WARD	ND
107	WADENA	MN	111	WILLIAMS	ND
107	WASECA	MN	112	BILLINGS	ND
107	WASHBURN	WI	112	BOWMAN	ND
107	WASHINGTON	MN	112	BURLEIGH	ND
107	WATONWAN	MN	112	CORSON	SD
107	WRIGHT	MN	112	DUNN	ND
107	YELLOW MED	MN	112	EMMONS	ND
108	ASHLAND	WI	112	GOLDEN VALLEY	ND
108	BAYFIELD	WI	112	GRANT	ND
108	CLARK	WI	112	HETTINGER	ND
108	FOREST	WI	112	KIDDER	ND
108	LANGLADE	WI	112	LOGAN	ND
108	LINCOLN	WI	112	MCINTOSH	ND
108	MARATHON	WI	112	MCLEAN	ND
108	ONEIDA	WI	112	MERCER	ND
108	PORTAGE	WI	112	MORTON	ND
108	PRICE	WI	112	OLIVER	ND
108	TAYLOR	WI	112	SIOUX	ND
108	VILAS	WI	112	SLOPE	ND
108	WOOD	WI	112	STARK	ND
109	CARLTON	MN	112	WIBAUX	MT
109	COOK	MN	113	BARNES	ND
109	DOUGLAS	WI	113	BECKER	MN
109	ITASCA	MN	113	CASS	ND
109	KOOCHICHING	MN	113	CLAY	MN
109	LAKE	MN	113	DICKEY	ND
109	ST LOUIS	MN	113	FOSTER	ND

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
113	GRIGGS	ND	116	CHARLES MIX	SD
113	LA MOURE	ND	116	CLARK	SD
113	MAHNOMEN	MN	116	CLAY	SD
113	NORMAN	MN	116	CODINGTON	SD
113	OTTER TAIL	MN	116	DAVISON	SD
113	PIERCE	ND	116	DEUEL	SD
113	RANSOM	ND	116	DOUGLAS	SD
113	RICHLAND	ND	116	GRANT	SD
113	SARGENT	ND	116	GREGORY	SD
113	SHERIDAN	ND	116	HAMLIN	SD
113	STUTSMAN	ND	116	HAND	SD
113	WELLS	ND	116	HANSON	SD
113	WILKIN	MN	116	HUGHES	SD
114	BROWN	SD	116	HUTCHINSON	SD
114	CAMPBELL	SD	116	HYDE	SD
114	DAY	SD	116	JERAULD	SD
114	DEWEY	SD	116	KINGSBURY	SD
114	EDMUNDS	SD	116	KNOX	NE
114	FAULK	SD	116	LAKE	SD
114	MARSHALL	SD	116	LINCOLN	SD
114	MCPHERSON	SD	116	LYMAN	SD
114	POTTER	SD	116	LYON	IA
114	SPINK	SD	116	MCCOOK	SD
114	WALWORTH	SD	116	MINER	SD
114	ZIEBACH	SD	116	MINNEHAHA	SD
115	ADAMS	ND	116	MOODY	SD
115	BENNETT	SD	116	PIPESTONE	MN
115	BUTTE	SD	116	ROBERTS	SD
115	CARTER	MT	116	ROCK	MN
115	CHERRY	NE	116	SANBORN	SD
115	CUSTER	SD	116	STANLEY	SD
115	FALL RIVER	SD	116	SULLY	SD
115	GRANT	NE	116	TRAVERSE	MN
115	HAAKON	SD	116	TRIPP	SD
115	HARDING	SD	116	TURNER	SD
115	JACKSON	SD	116	YANKTON	SD
115	JONES	SD	117	CHEROKEE	IA
115	LAWRENCE	SD	117	DAKOTA	NE
115	MEADE	SD	117	DIXON	NE
115	MELLETTTE	SD	117	IDA	IA
115	PENNINGTON	SD	117	MONONA	IA
115	PERKINS	SD	117	O BRIEN	IA
115	SHANNON	SD	117	PLYMOUTH	IA
115	SHERIDAN	NE	117	SIOUX	IA
115	TODD	SD	117	THURSTON	NE
115	WASHABAUGH	SD	117	UNION	SD
116	AURORA	SD	117	WOODBURY	IA
116	BEADLE	SD	118	ADAMS	IA
116	BIG STONE	MN	118	ANTELOPE	NE
116	BON HOMME	SD	118	ATCHISON	MO
116	BROOKINGS	SD	118	AUDUBON	IA
116	BRULE	SD	118	BOONE	NE
116	BUFFALO	SD	118	BURT	NE
116	CEDAR	NE	118	BUTLER	NE

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
118	CASS	IA	120	HITCHCOCK	NE
118	CASS	NE	120	HOLT	NE
118	COLFAX	NE	120	HOWARD	NE
118	CUMING	NE	120	KEARNEY	NE
118	DODGE	NE	120	KEYAPAHA	NE
118	DOUGLAS	NE	120	LOUP	NE
118	FREMONT	IA	120	MERRICK	NE
118	HARRISON	IA	120	NUCKOLLS	NE
118	MADISON	NE	120	PHELPS	NE
118	MILLS	IA	120	RED WILLOW	NE
118	MONTGOMERY	IA	120	ROCK	NE
118	NANCE	NE	120	SHERMAN	NE
118	PAGE	IA	120	VALLEY	NE
118	PIERCE	NE	120	WEBSTER	NE
118	PLATTE	NE	120	WHEELER	NE
118	POLK	NE	121	ARTHUR	NE
118	POTTAWATTAMIE	IA	121	BLAINE	NE
118	SARPY	NE	121	CHASE	NE
118	SAUNDERS	NE	121	DEUEL	NE
118	SHELBY	IA	121	GARDEN	NE
118	STANTON	NE	121	HOOKER	NE
118	TAYLOR	IA	121	KEITH	NE
118	WASHINGTON	NE	121	LINCOLN	NE
118	WAYNE	NE	121	LOGAN	NE
119	FILLMORE	NE	121	MCPHERSON	NE
119	GAGE	NE	121	PERKINS	NE
119	JEFFERSON	NE	121	SEDGWICK	CO
119	JOHNSON	NE	121	THOMAS	NE
119	LANCASTER	NE	122	BARBER	KS
119	NEMAHA	NE	122	BARTON	KS
119	OTOE	NE	122	BEAVER	OK
119	PAWNEE	NE	122	BUTLER	KS
119	RICHARDSON	NE	122	CIMARRON	OK
119	SALINE	NE	122	CLARK	KS
119	SEWARD	NE	122	CLOUD	KS
119	THAYER	NE	122	COMANCHE	KS
119	YORK	NE	122	COWLEY	KS
120	ADAMS	NE	122	DECATUR	KS
120	BOYD	NE	122	EDWARDS	KS
120	BROWN	NE	122	ELK	KS
120	BUFFALO	NE	122	ELLIS	KS
120	CLAY	NE	122	ELLSWORTH	KS
120	CUSTER	NE	122	FINNEY	KS
120	DAWSON	NE	122	FORD	KS
120	FRANKLIN	NE	122	GRAHAM	KS
120	FRONTIER	NE	122	GRANT	KS
120	FURNAS	NE	122	GRAY	KS
120	GARFIELD	NE	122	GREELEY	KS
120	GOSPER	NE	122	GREENWOOD	KS
120	GREELEY	NE	122	HAMILTON	KS
120	HALL	NE	122	HARPER	KS
120	HAMILTON	NE	122	HARVEY	KS
120	HARLAN	NE	122	HASKELL	KS
120	HAYES	NE	122	HODGEMAN	KS

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
122	JEWELL	KS	123	WASHINGTON	KS
122	KEARNY	KS	124	ALLEN	KS
122	KINGMAN	KS	124	CHAUTAUQUA	KS
122	KIOWA	KS	124	CHEROKEE	OK
122	LANE	KS	124	CRAIG	OK
122	LINCOLN	KS	124	CREEK	OK
122	MARION	KS	124	KAY	OK
122	MCPHERSON	KS	124	LABETTE	KS
122	MEADE	KS	124	MAYES	OK
122	MITCHELL	KS	124	MCINTOSH	OK
122	MORTON	KS	124	MONTGOMERY	KS
122	NESS	KS	124	MUSKOGEE	OK
122	NORTON	KS	124	NEOSHO	KS
122	OSBORNE	KS	124	NOBLE	OK
122	OTTAWA	KS	124	NOWATA	OK
122	PAWNEE	KS	124	OKMULGEE	OK
122	PHILLIPS	KS	124	OSAGE	OK
122	PRATT	KS	124	PAWNEE	OK
122	RAWLINS	KS	124	PAYNE	OK
122	RENO	KS	124	PITTSBURG	OK
122	REPUBLIC	KS	124	ROGERS	OK
122	RICE	KS	124	TULSA	OK
122	ROOKS	KS	124	WAGONER	OK
122	RUSH	KS	124	WASHINGTON	OK
122	RUSSELL	KS	124	WILSON	KS
122	SALINE	KS	124	WOODSON	KS
122	SCOTT	KS	125	ALFALFA	OK
122	SEDGWICK	KS	125	ATOKA	OK
122	SEWARD	KS	125	BLAINE	OK
122	SMITH	KS	125	CADDO	OK
122	STAFFORD	KS	125	CANADIAN	OK
122	STANTON	KS	125	CARTER	OK
122	STEVENS	KS	125	CLEVELAND	OK
122	SUMNER	KS	125	COAL	OK
122	TEXAS	OK	125	COMANCHE	OK
122	TREGO	KS	125	COTTON	OK
122	WICHITA	KS	125	GARFIELD	OK
123	BROWN	KS	125	GARVIN	OK
123	CHASE	KS	125	GRADY	OK
123	CLAY	KS	125	GRANT	OK
123	COFFEY	KS	125	HUGHES	OK
123	DICKINSON	KS	125	JEFFERSON	OK
123	GEARY	KS	125	JOHNSTON	OK
123	JACKSON	KS	125	KINGFISHER	OK
123	JEFFERSON	KS	125	LINCOLN	OK
123	LYON	KS	125	LOGAN	OK
123	MARSHALL	KS	125	LOVE	OK
123	MORRIS	KS	125	MAJOR	OK
123	NEMAHA	KS	125	MARSHALL	OK
123	OSAGE	KS	125	MCCLAIN	OK
123	POTTAWATOMIE	KS	125	MURRAY	OK
123	RILEY	KS	125	OKFUSKEE	OK
123	SHAWNEE	KS	125	OKLAHOMA	OK
123	WABAUNSEE	KS	125	PONTOTOC	OK

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
125	POTTAWATOMIE	OK	127	JACK	TX
125	SEMINOLE	OK	127	JOHNSON	TX
125	STEPHENS	OK	127	KAUFMAN	TX
125	WOODS	OK	127	LAMAR	TX
126	BECKHAM	OK	127	LAMPASAS	TX
126	CUSTER	OK	127	LITTLE RIVER	AR
126	DEWEY	OK	127	MARION	TX
126	ELLIS	OK	127	MCCURTAIN	OK
126	GREER	OK	127	MCLENNAN	TX
126	HARMON	OK	127	MILLER	AR
126	HARPER	OK	127	MILLS	TX
126	JACKSON	OK	127	MONTAGUE	TX
126	KIOWA	OK	127	MORRIS	TX
126	ROGER MILLS	OK	127	NAVARRO	TX
126	WASHITA	OK	127	PALO PINTO	TX
126	WOODWARD	OK	127	PANOLA	TX
127	ANDERSON	TX	127	PARKER	TX
127	ARCHER	TX	127	POLK	AR
127	BAYLOR	TX	127	PUSHMATAHA	OK
127	BELL	TX	127	RAINS	TX
127	BOSQUE	TX	127	RED RIVER	TX
127	BOWIE	TX	127	ROCKWALL	TX
127	BROWN	TX	127	RUSK	TX
127	BRYAN	OK	127	SAN SABA	TX
127	CAMP	TX	127	SEVIER	AR
127	CASS	TX	127	SMITH	TX
127	CHEROKEE	TX	127	SOMERVELL	TX
127	CHOCTAW	OK	127	STEPHENS	TX
127	CLAY	TX	127	TARRANT	TX
127	COLEMAN	TX	127	THROCKMORTON	TX
127	COLLIN	TX	127	TILLMAN	OK
127	COMANCHE	TX	127	TITUS	TX
127	COOKE	TX	127	UPSHUR	TX
127	CORYELL	TX	127	VAN ZANDT	TX
127	DALLAS	TX	127	WICHITA	TX
127	DELTA	TX	127	WILBARGER	TX
127	DENTON	TX	127	WISE	TX
127	EASTLAND	TX	127	WOOD	TX
127	ELLIS	TX	127	YOUNG	TX
127	ERATH	TX	128	CALLAHAN	TX
127	FALLS	TX	128	FISHER	TX
127	FANNIN	TX	128	HASKELL	TX
127	FOARD	TX	128	JONES	TX
127	FRANKLIN	TX	128	KING	TX
127	GRAYSON	TX	128	KNOX	TX
127	GREGG	TX	128	MITCHELL	TX
127	HAMILTON	TX	128	NOLAN	TX
127	HARDEMAN	TX	128	SCURRY	TX
127	HARRISON	TX	128	SHACKLEFORD	TX
127	HENDERSON	TX	128	STONEWALL	TX
127	HILL	TX	128	TAYLOR	TX
127	HOOD	TX	129	COKE	TX
127	HOPKINS	TX	129	CONCHO	TX
127	HUNT	TX	129	EDWARDS	TX

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
129	IRION	TX	131	TRINITY	TX
129	KIMBLE	TX	131	VICTORIA	TX
129	KINNEY	TX	131	WALKER	TX
129	MASON	TX	131	WALLER	TX
129	MCCULLOCH	TX	131	WASHINGTON	TX
129	MENARD	TX	131	WHARTON	TX
129	RUNNELS	TX	132	ARANSAS	TX
129	SCHLEICHER	TX	132	BEE	TX
129	STERLING	TX	132	BROOKS	TX
129	SUTTON	TX	132	DUVAL	TX
129	TOM GREEN	TX	132	JIM WELLS	TX
129	VAL VERDE	TX	132	KENEDY	TX
130	BASTROP	TX	132	KLEBERG	TX
130	BLANCO	TX	132	LIVE OAK	TX
130	BURNET	TX	132	MC MULLEN	TX
130	CALDWELL	TX	132	NUECES	TX
130	HAYS	TX	132	REFUGIO	TX
130	LEE	TX	132	SAN PATRICIO	TX
130	LLANO	TX	133	CAMERON	TX
130	MILAM	TX	133	HIDALGO	TX
130	TRAVIS	TX	133	STARR	TX
130	WILLIAMSON	TX	133	WILLACY	TX
131	ANGELINA	TX	134	ATASCOSA	TX
131	AUSTIN	TX	134	BANDERA	TX
131	BRAZORIA	TX	134	BEXAR	TX
131	BRAZOS	TX	134	COMAL	TX
131	BURLESON	TX	134	DIMITT	TX
131	CALHOUN	TX	134	FRIO	TX
131	CHAMBERS	TX	134	GILLESPIE	TX
131	COLORADO	TX	134	GONZALES	TX
131	DE WITT	TX	134	GUADALUPE	TX
131	FAYETTE	TX	134	JIM HOGG	TX
131	FORT BEND	TX	134	KARNES	TX
131	FREESTONE	TX	134	KENDALL	TX
131	GALVESTON	TX	134	KERR	TX
131	GOLIAD	TX	134	LA SALLE	TX
131	GRIMES	TX	134	MAVERICK	TX
131	HARRIS	TX	134	MEDINA	TX
131	HOUSTON	TX	134	REAL	TX
131	JACKSON	TX	134	UVALDE	TX
131	LAVACA	TX	134	WEBB	TX
131	LEON	TX	134	WILSON	TX
131	LIBERTY	TX	134	ZAPATA	TX
131	LIMESTONE	TX	134	ZAVALA	TX
131	MADISON	TX	135	ANDREWS	TX
131	MATAGORDA	TX	135	BORDEN	TX
131	MONTGOMERY	TX	135	BREWSTER	TX
131	NACOGDOCHES	TX	135	CRANE	TX
131	POLK	TX	135	CROCKETT	TX
131	ROBERTSON	TX	135	DAWSON	TX
131	SABINE	TX	135	ECTOR	TX
131	SAN AUGUSTINE	TX	135	GLASS COCK	TX
131	SAN JACINTO	TX	135	HOWARD	TX
131	SHELBY	TX	135	JEFF DAVIS	TX

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
135	LOVING	TX	138	PARMER	TX
135	MARTIN	TX	138	POTTER	TX
135	MIDLAND	TX	138	QUAY	NM
135	PECOS	TX	138	RANDALL	TX
135	PRESIDIO	TX	138	ROBERTS	TX
135	REAGAN	TX	138	ROOSEVELT	NM
135	REEVES	TX	138	SHERMAN	TX
135	TERRELL	TX	138	UNION	NM
135	UPTON	TX	138	WHEELER	TX
135	WARD	TX	139	GUADALUPE	NM
135	WINKLER	TX	139	LOS ALAMOS	NM
136	CHAVES	NM	139	MORA	NM
136	EDDY	NM	139	RIO ARRIBA	NM
136	GAINES	TX	139	SAN MIGUEL	NM
136	LEA	NM	139	SANTA FE	NM
136	YOAKUM	TX	139	TAOS	NM
137	BRISCOE	TX	140	ALAMOSA	CO
137	COCHRAN	TX	140	BACA	CO
137	CROSBY	TX	140	BENT	CO
137	DICKENS	TX	140	CHEYENNE	CO
137	FLOYD	TX	140	COLFAX	NM
137	GARZA	TX	140	CONEJOS	CO
137	HALE	TX	140	COSTILLA	CO
137	HOCKLEY	TX	140	CROWLEY	CO
137	KENT	TX	140	HUERFANO	CO
137	LAMB	TX	140	KIOWA	CO
137	LUBBOCK	TX	140	LAS ANIMAS	CO
137	LYNN	TX	140	MINERAL	CO
137	MOTLEY	TX	140	OTERO	CO
137	SWISHER	TX	140	PROWERS	CO
137	TERRY	TX	140	PUEBLO	CO
138	ARMSTRONG	TX	140	RIO GRANDE	CO
138	BAILEY	TX	140	SAGUACHE	CO
138	CARSON	TX	141	ADAMS	CO
138	CASTRO	TX	141	ARAPAHOE	CO
138	CHILDRESS	TX	141	BOULDER	CO
138	COLLINGSWORTH	TX	141	CHAFFEE	CO
138	COTTLE	TX	141	CHEYENNE	KS
138	CURRY	NM	141	CLEAR CREEK	CO
138	DALLAM	TX	141	CUSTER	CO
138	DE BACA	NM	141	DELTA	CO
138	DEAF SMITH	TX	141	DENVER	CO
138	DONLEY	TX	141	DOUGLAS	CO
138	GRAY	TX	141	DUNDY	NE
138	HALL	TX	141	EAGLE	CO
138	HANSFORD	TX	141	EL PASO	CO
138	HARDING	NM	141	ELBERT	CO
138	HARTLEY	TX	141	FREMONT	CO
138	HEMPHILL	TX	141	FREMONT	CO
138	HUTCHINSON	TX	141	GARFIELD	CO
138	LIPSCOMB	TX	141	GILPIN	CO
138	MOORE	TX	141	GOVE	KS
138	OCHILTREE	TX	141	GRAND	CO
138	OLDHAM	TX	141	GUNNISON	CO
			141	HINSDALE	CO

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
141	JACKSON	CO	143	SWEETWATER	WY
141	JEFFERSON	CO	143	UINTA	WY
141	KIT CARSON	CO	143	WASHAKIE	WY
141	LAKE	CO	143	WESTON	WY
141	LARIMER	CO	144	BIG HORN	MT
141	LINCOLN	CO	144	BIG HORN	WY
141	LOGAN	CO	144	CARBON	MT
141	LOGAN	KS	144	CUSTER	MT
141	MESA	CO	144	DANIELS	MT
141	MOFFAT	CO	144	DAWSON	MT
141	MONTROSE	CO	144	FALLON	MT
141	MORGAN	CO	144	GALLATIN	MT
141	OURAY	CO	144	GARFIELD	MT
141	PARK	CO	144	GOLDEN VALLEY	MT
141	PHILLIPS	CO	144	JOHNSON	WY
141	PITKIN	CO	144	MADISON	MT
141	RIO BLANCO	CO	144	MCCONE	MT
141	ROUTT	CO	144	MUSSELSHELL	MT
141	SAN MIGUEL	CO	144	PARK	MT
141	SHERIDAN	KS	144	PARK	WY
141	SHERMAN	KS	144	PETROLEUM	MT
141	SUMMIT	CO	144	POWDER RIVER	MT
141	TELLER	CO	144	PRAIRIE	MT
141	THOMAS	KS	144	RICHLAND	MT
141	WALLACE	KS	144	ROOSEVELT	MT
141	WASHINGTON	CO	144	ROSEBUD	MT
141	WELD	CO	144	SHERIDAN	MT
141	YUMA	CO	144	SHERIDAN	WY
142	BANNER	NE	144	STILLWATER	MT
142	BOX BUTTE	NE	144	SWEET GRASS	MT
142	CHEYENNE	NE	144	TREASURE	MT
142	DAWES	NE	144	VALLEY	MT
142	GOSHEN	WY	144	YELLOWSTONE	MT
142	KIMBALL	NE	144	YELLOWSTONE P	MT
142	MORRILL	NE	145	BLAINE	MT
142	SCOTTS BLUFF	NE	145	CASCADE	MT
142	SIOUX	NE	145	CHOUTEAU	MT
143	ALBANY	WY	145	FERGUS	MT
143	BEAR LAKE	ID	145	GLACIER	MT
143	CAMPBELL	WY	145	HILL	MT
143	CARBON	WY	145	JUDITH BASIN	MT
143	CARIBOU	ID	145	LIBERTY	MT
143	CONVERSE	WY	145	MEAGHER	MT
143	CROOK	WY	145	PHILLIPS	MT
143	DAGGETT	UT	145	PONDERA	MT
143	FREMONT	WY	145	TETON	MT
143	HOT SPRINGS	WY	145	TOOLE	MT
143	LARAMIE	WY	145	WHEATLAND	MT
143	LINCOLN	WY	146	BEAVERHEAD	MT
143	NATRONA	WY	146	BROADWATER	MT
143	NIOBRARA	WY	146	DEER LODGE	MT
143	PLATTE	WY	146	FLATHEAD	MT
143	RICH	UT	146	GRANITE	MT
143	SUBLETTE	WY	146	JEFFERSON	MT

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
146	LAKE	MT	150	HARNEY	OR
146	LEWIS & CLARK	MT	150	MALHEUR	OR
146	LINCOLN	MT	150	OWYHEE	ID
146	MINERAL	MT	150	PAYETTE	ID
146	MISSOULA	MT	150	VALLEY	ID
146	POWELL	MT	150	WASHINGTON	ID
146	RAVALLI	MT	151	ALPINE	CA
146	SANDERS	MT	151	CHURCHILL	NV
146	SILVER BOW	MT	151	DOUGLAS	NV
147	ASOTIN	WA	151	ELKO	NV
147	BENEWAH	ID	151	EUREKA	NV
147	BONNER	ID	151	HUMBOLDT	NV
147	BOUNDARY	ID	151	INYO	CA
147	CLEARWATER	ID	151	LANDER	NV
147	FERRY	WA	151	LASSEN	CA
147	GARFIELD	WA	151	LYON	NV
147	IDAHO	ID	151	MONO	CA
147	KOOTENAI	ID	151	ORMSBY	NV
147	LATAH	ID	151	PERSHING	NV
147	LEWIS	ID	151	PLUMAS	CA
147	LINCOLN	WA	151	SIERRA	CA
147	NEZ PERCE	ID	151	STOREY	NV
147	PEND OREILLE	WA	151	WASHOE	NV
147	SHOSHONE	ID	151	WHITE PINE	NV
147	SPOKANE	WA	152	BOX ELDER	UT
147	STEVENS	WA	152	CACHE	UT
147	WHITMAN	WA	152	CARBON	UT
148	BANNOCK	ID	152	DAVIS	UT
148	BINGHAM	ID	152	DUCHESNE	UT
148	BONNEVILLE	ID	152	EMERY	UT
148	BUTTE	ID	152	FRANKLIN	ID
148	CLARK	ID	152	GRAND	UT
148	CUSTER	ID	152	JUAB	UT
148	FREMONT	ID	152	MILLARD	UT
148	JEFFERSON	ID	152	MORGAN	UT
148	LEMHI	ID	152	ONEIDA	ID
148	MADISON	ID	152	SALT LAKE	UT
148	POWER	ID	152	SANPETE	UT
148	TETON	ID	152	SEVIER	UT
148	TETON	WY	152	SUMMIT	UT
149	BLAINE	ID	152	TOOELE	UT
149	CAMAS	ID	152	UINTAH	UT
149	CASSIA	ID	152	UTAH	UT
149	GOODING	ID	152	WASATCH	UT
149	JEROME	ID	152	WAYNE	UT
149	LINCOLN	ID	152	WEBER	UT
149	MINIDOKA	ID	153	BEAVER	UT
149	TWIN FALLS	ID	153	CLARK	NV
150	ADA	ID	153	ESMERALDA	NV
150	ADAMS	ID	153	GARFIELD	UT
150	BOISE	ID	153	IRON	UT
150	CANYON	ID	153	LINCOLN	NV
150	ELMORE	ID	153	MINERAL	NV
150	GEM	ID	153	MOHAVE	AZ

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
153	NYE	NV	162	TULARE	CA
153	PIUTE	UT	163	ALAMEDA	CA
153	WASHINGTON	UT	163	CALAVERAS	CA
154	COCONINO	AZ	163	CONTRA COSTA	CA
154	KANE	UT	163	HUMBOLDT	CA
154	NAVAJO	AZ	163	LAKE	CA
154	SAN JUAN	UT	163	MARIN	CA
154	YAVAPAI	AZ	163	MARIPOSA	CA
155	ARCHULETTA	CO	163	MENDOCINO	CA
155	DOLORES	CO	163	MERCED	CA
155	LA PLATA	CO	163	MONTEREY	CA
155	MONTEZUMA	CO	163	NAPA	CA
155	SAN JUAN	CO	163	SAN BENITO	CA
155	SAN JUAN	NM	163	SAN FRANCISCO	CA
156	APACHE	AZ	163	SAN JOAQUIN	CA
156	BERNALILLO	NM	163	SAN MATEO	CA
156	CATRON	NM	163	SANTA CLARA	CA
156	MCKINLEY	NM	163	SANTA CRUZ	CA
156	SANDOVAL	NM	163	SOLANO	CA
156	SOCORRO	NM	163	SONOMA	CA
156	TORRANCE	NM	163	STANISLAUS	CA
156	VALENCIA	NM	163	TRINITY	CA
157	CULBERSON	TX	163	TUOLUMNE	CA
157	DONA ANA	NM	164	AMADOR	CA
157	EL PASO	TX	164	BUTTE	CA
157	HUDSPETH	TX	164	COLUSA	CA
157	LINCOLN	NM	164	EL DORADO	CA
157	OTERO	NM	164	GLENN	CA
157	SIERRA	NM	164	NEVADA	CA
158	GILA	AZ	164	PLACER	CA
158	GRAHAM	AZ	164	SACRAMENTO	CA
158	GRANT	NM	164	SUTTER	CA
158	GREENLEE	AZ	164	YOLO	CA
158	HIDALGO	NM	164	YUBA	CA
158	LUNA	NM	165	KLAMATH	OR
158	MARICOPA	AZ	165	MODOC	CA
158	PINAL	AZ	165	SHASTA	CA
159	COCHISE	AZ	165	SISKIYOU	CA
159	PIMA	AZ	165	TEHAMA	CA
159	SANTA CRUZ	AZ	166	COOS	OR
160	IMPERIAL	CA	166	CURRY	OR
160	KERN	CA	166	DEL NORTE	CA
160	LOS ANGELES	CA	166	DOUGLAS	OR
160	ORANGE	CA	166	JACKSON	OR
160	RIVERSIDE	CA	166	JOSEPHINE	OR
160	SAN BERNARDIN	CA	166	LANE	OR
160	SAN LUIS OBIS	CA	167	BENTON	OR
160	SANTA BARBARA	CA	167	CLACKAMAS	OR
160	VENTURA	CA	167	CLARK	WA
160	YUMA	AZ	167	CLATSOP	OR
161	SAN DIEGO	CA	167	COLUMBIA	OR
162	FRESNO	CA	167	COWLITZ	WA
162	KINGS	CA	167	CROOK	OR
162	MADERA	CA	167	DESCHUTES	OR

Business Economic Area (BEA) Codes

DEPARTMENT OF COMMERCE – BUREAU OF ECONOMIC ANALYSIS
Business Economic Area Codes (County Listing)

BEA	County	State	BEA	County	State
167	HOOD RIVER	OR	169	BENTON	WA
167	JEFFERSON	OR	169	CHELAN	WA
167	KLICKITAT	WA	169	DOUGLAS	WA
167	LAKE	OR	169	FRANKLIN	WA
167	LINCOLN	OR	169	GRANT	WA
167	LINN	OR	169	KITTITAS	WA
167	MARION	OR	169	OKANOGAN	WA
167	MULTNOMAH	OR	169	YAKIMA	WA
167	POLK	OR	170	CLALLAM	WA
167	SHERMAN	OR	170	GRAYS HARBOR	WA
167	SKAMANIA	WA	170	ISLAND	WA
167	TILLAMOOK	OR	170	JEFFERSON	WA
167	WAHKIAKUM	WA	170	KING	WA
167	WASCO	OR	170	KITSAP	WA
167	WASHINGTON	OR	170	LEWIS	WA
167	YAMHILL	OR	170	MASON	WA
168	BAKER	OR	170	PACIFIC	WA
168	COLUMBIA	WA	170	PIERCE	WA
168	GILLIAM	OR	170	SAN JUAN	WA
168	GRANT	OR	170	SKAGIT	WA
168	MORROW	OR	170	SNOHOMISH	WA
168	UMATILLA	OR	170	THURSTON	WA
168	UNION	OR	170	WHATCOM	WA
168	WALLA WALLA	WA	171	ANCHORAGE	AK
168	WALLOWA	OR	172	HONOLULU	HI
168	WHEELER	OR			
169	ADAMS	WA			

2002 SURFACE TRANSPORTATION BOARD PUBLIC USE WAYBILL
247-Byte Record Layout

<u>Item</u>	<u>Name</u>	<u>Number of Positions</u>	<u>Form</u>	<u>Columns</u>
1	Waybill Date (mm/dd/yy)	6	N	1- 6
2	Accounting Period (mm/yy)	4	N	7- 10
3	Number of Carloads	4	N	11- 14
4	Car Ownership Code	1	A	15
5	AAR Equipment Type	4	A/N	16- 19
6	AAR Mechanical Designation	4	A	20- 23
7	STB Car Type	2	N	24- 25
8	TOFC/COFC Service Code	3	A/N	26- 28
9	Number of TOFC/COFC Units	4	N	29- 32
10	TOFC/COFC Unit Ownership Code	1	A	33
11	TOFC/COFC Unit Type Code	1	A	34
12	Hazardous/Bulk Material in Boxcar	1	A	35
13	Commodity Code (STCC)	5	N	36- 40
14	Billed Weight in Tons	7	N	41- 47
15	Actual Weight in Tons	7	N	48- 54
16	Freight Revenue (\$)	9	N	55- 63
17	Transit Charges (\$)	9	N	64- 72
18	Miscellaneous Charges (\$)	9	N	73- 81
19	Inter/Intra State Code	1	N	82
20	Type of Move	1	N	83
21	All Rail/Intermodal Code	1	N	84
22	Type of Move via Water	1	N	85
23	Transit Code	1	N	86
24	Substituted Truck for Rail Service	1	N	87
25	Rebill Code	1	N	88
26	Estimated Short Line Miles	4	N	89- 92
27	Stratum Identification	1	N	93
28	Subsample Code	1	N	94
29	Exact Expansion Factor	5	N	95- 99
30	Theoretical Expansion Factor	3	N	100-102
31	Number of Interchanges	1	N	103
32	Origin BEA Area	3	N	104-106
33	Origin Freight Rate Territory	1	N	107
34	Interchange State #1	2	A	108-109
35	Interchange State #2	2	A	110-111
36	Interchange State #3	2	A	112-113
37	Interchange State #4	2	A	114-115

**BUSINESS SERVICES DIVISION
RAILINC**

2002 SURFACE TRANSPORTATION BOARD PUBLIC USE WAYBILL
247-Byte Record Layout

<u>Item</u>	<u>Name</u>	<u>Number of Positions</u>	<u>Form</u>	<u>Columns</u>
38	Interchange State #5	2	A	116-117
39	Interchange State #6	2	A	118-119
40	Interchange State #7	2	A	120-121
41	Interchange State #8	2	A	122-123
42	Interchange State #9	2	A	124-125
43	Termination BEA Area	3	N	126-128
44	Termination Freight Rate Territory	1	N	129
45	Waybill Reporting Period Length	1	N	130
46	Car Capacity	5	N	131-135
47	Nominal Car Capacity	3	N	136-138
48	Tare Weight of Car	4	N	139-142
49	Outside Length	5	N	143-147
50	Outside Width	4	N	148-151
51	Outside Height	4	N	152-155
52	Extreme Outside Height	4	N	156-159
53	Type of Wheel Bearings and Brakes	1	A	160
54	Number of Axles	1	A/N	161
55	Draft Gear	2	N	162-16
56	Number of Articulated Units	1	A/N	164
57	AAR Error Codes	4	N	165-168
57-A	Blank	46	N	169-214
58	Routing Error Flag	1	A	215
59	Expanded Carloads	6	N	216-221
60	Expanded Tons	9	N	222-230
61	Expanded Freight Revenue	11	N	231-241
62	Expanded Trailer/Container Count	6	N	242-247

**2002 SURFACE TRANSPORTATION BOARD PUBLIC USE WAYBILL
247-Byte Record Data Element Descriptions**

1. Waybill Date (Month, Day, Year) (6 digit numeric)

The waybill date is the date on which the originating railroad prepares the waybill.¹

2. Accounting Period (Month, Year) (4 digit numeric)

The accounting period is the month and year during which the study waybill is entered into the railroad's revenue accounting system. This information is subsequently reflected in the net income statement of the company for the specified account month.¹

3. Number of Carloads (4 digit numeric)

The total number of carloads on the sampled waybill.¹

4. Car Ownership Code (1 character alpha)

(P) Privately-owned car
(R) Railroad-owned car²

5. AAR Equipment Type (4 character alpha-numeric)

Alpha-numeric code giving a general physical description of the type of equipment.²

(See Appendix to Section 8 - AAR EQUIPMENT TYPE)

6. AAR Mechanical Designation (4 character alpha)

Mechanical designation is dependent on AAR equipment type.²

(See Appendix to Section 8 – UMLER Field Descriptions)

7. STB Car Type (2 digit numeric)

The STB car type is inferred from the AAR equipment type, as described in item 5, and corresponds to the line number on STB Form 710 for type of car.⁴

(See Appendix to Section 8- SURFACE TRANSPORTATION BOARD CAR TYPE.)

8. Intermodal (TOFC/COFC) Service Code: (3 character alpha/numeric, space fill)

The code for the Intermodal Service Code (ISC) must be entered in the **first** position of the field. If possible, when different ISC's are used during the course of the sampled waybill movement, enter the code for the applicable ISC at termination in the first position of the field, and the code for the applicable ISC at origination in the second position of the field. For example, 'B C' indicates that the TOFC movement started on ISC 20 and terminated on ISC 22. **NOTE: three blanks in this field will indicate the movement is not intermodal in nature.** 'Unknown' ISC's are indicated by 'X'.¹

REVISED INTERMODAL SERVICE PLAN CODE REPORTING

Intermodal Service Code	Unit Owner	Service Provided by Carrier	Determination of Charges	STB Alternate Coding
15	Motor/Rail	R-R, Ramp to Ramp	Agreed between Trucker & Rail	A
20	Rail	T-R-T, Door to Door	Truck Competitive Rates	B
22	Rail	T-R, Door to Destination Ramp	Truck Competitive Rates	C
25	Rail	R-R, Ramp to Ramp	Special Mode of Code 20 Rates	D
27	Rail	R-T, Origin Ramp to Door	Truck Competitive Rates	E
40	Steamship/Stack Operator	T-R-T, Door to Door	Domestic Container Movements Without Prior or Subsequent Waterborne Movement. Applies to U.S./Canada/Mexican Traffic. Equipment Supplied by Stack Operator or Steamship Line.	F
42	Steamship/Stack Operator	T-R, Door to Destination Ramp	Domestic Container Movements Without Prior or Subsequent Waterborne Movement. Applies to U.S./Canada/Mexican Traffic. Equipment Supplied by Stack Operator or Steamship Line.	G
45	Steamship/Stack Operator	R-R, Ramp to Ramp	Domestic Container Movements Without Prior or Subsequent Waterborne Movement. Applies to U.S./Canada/Mexican Traffic. Equipment Supplied by Stack Operator or Steamship Line.	H
47	Steamship/Stack Operator	R-T, Origin Ramp to Door	Domestic Container Movements Without Prior or Subsequent Waterborne Movement. Applies to U.S./Canada/Mexican Traffic. Equipment Supplied by Stack Operator or Steamship Line.	I
60	Patron	T-R-T, Door to Door	Patron Supplied Equipment	K
62	Patron	T-R, Door to Destination Ramp	Patron Supplied Equipment	L
65	Patron	R-R, Ramp to Ramp	Patron Supplied Equipment	M
67	Patron	R-T, Origin Ramp to Door	Patron Supplied Equipment	N
80	Steamship/Stack Operator	T-R-T, Door to Door	International Shipments With Prior or Subsequent Waterborne Movement. Includes Alaska, Hawaii, Puerto Rico. Equipment Supplied by Stack Operator or Steamship Line.	O
82	Steamship/Stack Operator	T-R, Door to Destination Ramp	International Shipments With Prior or Subsequent Waterborne Movement. Includes Alaska, Hawaii, Puerto Rico. Equipment Supplied by Stack Operator or Steamship Line.	P
85	Steamship/Stack Operator	R-R, Ramp to Ramp	International Shipments With Prior or Subsequent Waterborne Movement. Includes Alaska, Hawaii, Puerto Rico. Equipment Supplied by Stack Operator or Steamship Line.	Q
87	Steamship/Stack Operator	R-T, Origin Ramp to Door	International Shipments With Prior or Subsequent Waterborne Movement. Includes Alaska, Hawaii, Puerto Rico. Equipment Supplied by Stack Operator or Steamship Line.	R
Unknown	Unknown	Unknown	Unknown	X

9. Number of TOFC/COFC Units (4 digit numeric)
The total number of TOFC/COFC units reported on the sampled waybill.¹
10. TOFC/COFC Unit Ownership Code (1 character alpha)
(P) Privately-owned Trailer/Container
(R) Railroad-owned Trailer/Container²
11. TOFC/COFC Unit Type Code (1 character alpha)
(T) TOFC Trailer
(C) COFC Container
(U) Unknown²
12. Hazardous/Bulk Material in Boxcar (1 character alpha)
(B) Bulk, non-hazardous material (STCC 50 series), moved in a Boxcar
(H) Hazardous material (STCC 49 series) moved in any type of car
(blank) neither of the above⁸
13. Commodity Code (STCC / non-HAZMAT) (5 digit numeric)
The Standard Transportation Commodity Code (STCC) identifies the product designation for the transported commodity. This field includes the first five digits of the seven-digit STCC; however, STCC 19 series commodities are reported only at the 2-digit level. See Appendix for list of two to five digit STCC headers.¹

Note: This field does not include Hazardous materials (series 49xxx) or Bulk materials in Boxcars (series 50xxx). All STCC 49 and 50 series codes have been translated to actual product commodity codes.
14. Billed Weight in Tons (7 digit numeric)
The billed weight of lading, calculated in tons.¹
15. Actual Weight in Tons (7 digit numeric)
The actual weight of lading (if provided), calculated in tons.¹
16. Freight Revenue (\$) (9 digit numeric)
The total line-haul freight revenue, from origin to destination, shown in dollars.¹
17. Transit Charges (\$) (9 digit numeric)
Transit charges, where applicable, shown in dollars.¹

18. Miscellaneous Charges (\$) (9 digit numeric)

The total of all miscellaneous charges (excluding transit charges and freight revenue) shown in dollars.¹

19. Inter/Intra State Code (inferred) (1 digit numeric)

Normally, an Intrastate routing is inferred if the origin and destination states are the same. However, an Interstate routing is inferred in cases where the origin and destination stations are within a state but the customary routing exits and re-enters the state. Interstate movements also include import, export, ex-lake and lake cargo movements.

- | | | | |
|-----|------------|-----|----------------------|
| (1) | Interstate | (9) | Unknown ¹ |
| (2) | Intrastate | | |

20. Type of Move (inferred) (1 digit numeric)

- (0) Neither import nor export
- (1) Imported commodity
- (2) Exported commodity
- (3) Commodity imported and exported, e.g., land bridge type traffic
- (9) Unknown¹

21. All Rail/Intermodal Code (1 digit numeric)

- (1) All Rail
- (2) Intermodal - a continuous movement involving at least one railroad and another mode.
- (9) Unknown
- (X) Not reported on hardcopy waybills.¹

22. Type of Move Via Water (inferred) (1 digit numeric)
- (0) Not a water movement
 - (1) Ex-Lake (from Great Lakes to reporting railroad)
 - (2) Lake Cargo (Rail to Great Lakes)
 - (3) Intercoastal - a continuous movement by U.S. rail which is part of an Atlantic Ocean (or Gulf) and Pacific Ocean movement, in either direction.
 - (4) Coastwise - a continuous movement involving rail at either end of a coastwise movement between ports on the East Coast (including Gulf) or between ports on the West Coast.
 - (5) Inland Waterways - a rail movement in combination with a barge movement on rivers and canals (other than the Great Lakes) that is not considered a part of the rail movement, e.g., rail car ferry.
 - (9) Unknown
 - (X) Not reported on hardcopy waybills.¹
23. Transit Code (1 digit numeric)
- (0) Not a transit movement
 - (1) Transit - indicates that the shipment is the outbound movement from a transit point, where some service has been performed, to the destination point (which can be another transit point).
 - (9) Unknown¹
24. Substituted Truck-for-Rail Service (1 digit numeric)
- (0) Not substituted truck-for-rail service
 - (1) Study movement involves substituted truck-for-rail service. (For example, a rail carrier may be authorized by the STB to institute truck for rail service when rail service is abandoned or a track is closed for various reasons.)
 - (9) Unknown
 - (X) Not reported on hardcopy waybills.¹
25. Rebill Code (1 digit numeric)
- (0) Not a rebill
 - (1) Rebill - indicates that the shipment is rebilled at a portion of the through rate from origin to destination, and involves non-through billing railroads.
 - (9) Unknown
 - (X) Not reported on hardcopy waybills.¹
26. Estimated Short Line Miles (rounded) (4 digit numeric)

The short line miles (shortest rail distance between origin and destination), rounded up to the nearest ten miles.⁶

27. Stratum Identification (1 digit numeric)

		Carloads per <u>Waybill</u>	Sampling <u>Rate</u>
(1)	MRI	1-2	1 of 40
(2)	MRI	3-15	1 of 12
(3)	MRI	16-60	1 of 4
(4)	MRI	61-100	1 of 3
(5)	MRI	Over 100	1 of 2
(6)	Hardcopy	1-5	1 of 100
(7)	Hardcopy	6-25	1 of 10
(8)	Hardcopy	Over 25	1 of 5 ^{1 or 6}

28. Subsample Code (1 digit numeric)

For MRI waybills, this coding (1, 2, 3, or 4) identifies the individual subsamples obtained under the computerized sampling procedure. This field is initialized to a blank for hardcopy waybills, but a replicate subsample code is added after completion of the master file, using the following formula:

$$\text{Code} = \text{Serial Number} - ((\text{Serial Number} / 4) * 4) + 1 \text{ truncated integer}$$

These subsample code numbers are used in a statistical fashion to estimate the standard deviation, or accuracy, of any level for the particular sample.⁵

29. Exact Expansion Factor (5 digit numeric)

The exact expansion factor is calculated for each waybill, according to the formula shown below, and is used to expand the car, ton, trailer/container and revenue statistics to 100% levels. The format of this factor is 'nnn.nn' with an implied decimal point.⁶

$$\text{Factor} = (\text{Population count} / \text{Sample count})$$

30. Theoretical Expansion Factor (3 digit numeric)

The theoretical expansion factor is the inverse of the sampling rate, as indicated by the Stratum Identification number (item 27), and is used to expand the car, ton, trailer/container and revenue statistics to 100% levels. The format of this factor is an integer value.⁶

31. Number of Interchanges (1 digit numeric)

This figure represents the total number of interchanges between railroads in the route.¹

32. Origin BEA Area (3 digit numeric)

The Business Economic Area code for the reported waybill movement's origin location. (See "Department of Commerce - Bureau of Economic Analysis, Business Economic Area Codes" revised for 1997)⁷

33. Origin Freight Rate Territory (1 digit numeric)

The freight rate territory, as defined by the STB, in which the reported waybill movement originated. Freight rate territories are imputed from STB-defined Freight Rate Areas, and coded as follows:⁴

(0) Unknown

(1) Official Territory: Commencing at the eastern terminus of the United States-Canadian boundary on the Atlantic Ocean and proceeding westwardly along the border to the Straits of Mackinac, thence southwestwardly across Lake Michigan to Kewaunee, Wisconsin, thence southward along the shore of Lake Michigan to Manitowoc, Wisconsin, thence southward along the line of the Chicago and North Western Railway to Milwaukee, Wisconsin, thence northwest along the Milwaukee Railway to Rugby Junction, Wisconsin, thence south along the Soo Line to Duplainville, Wisconsin, thence west along the Milwaukee Railway through Montfort Junction, Wisconsin, to Benton, Wisconsin, thence southwest by air line to the intersection of the Wisconsin-Illinois boundary with the Mississippi River, thence south along the Mississippi River to the mouth of the Ohio River, thence eastward along the Ohio to Cincinnati, Ohio, thence eastward along the Chesapeake and Ohio Railway to Kenova, West Virginia, thence eastward along the Norfolk and Western Railway to its intersection with the former Virginian Railway (now Norfolk and Western) west of Roanoke, Virginia, thence east along the former Virginian Railway to Suffolk, Virginia, thence northeast along the Norfolk and Western Railway to Norfolk, Virginia, and then northeastward along the Atlantic Coast to the point of beginning.

- (2) Southern Territory: Commencing at Norfolk, Virginia, and proceeding westwardly along the southern border of Official Territory as described in (1) above, to the mouth of the Ohio River, thence south along the Mississippi River to its mouth and thence east and north along the Gulf and Atlantic Coast to the point of beginning.
- (3) Western Trunk Line Territory: Commencing at the Straits of Mackinac and following the international boundary northeastward and thence westward to the western boundary of North Dakota, thence south along the North Dakota and South Dakota-Montana line to Sheridan, Wyoming, thence southward along the line of the Burlington system to the Colorado-New Mexico line, thence eastward following the northern boundary of New Mexico, Oklahoma, and Arkansas to the Mississippi River, thence northward along the Mississippi River to the Wisconsin-Illinois line, and thence back to the point of beginning following the northwest boundary of Official Territory, as described in (1) above.
- (4) Southwestern Territory: Commencing at the intersection of the Missouri-Arkansas boundary with the Mississippi River and proceeding westward along the southern boundary of Missouri, Kansas and Colorado to the point where the Santa Fe Railway crosses the Colorado-New Mexico line, thence southward along the Santa Fe Railway to El Paso, Texas, thence following the international boundary to the mouth of the Rio Grande River, thence along the Gulf Coast to the mouth of the Mississippi River and thence northward along the Mississippi River to the point of beginning.
- (5) Mountain-Pacific Territory: That portion of the United States which lies west of the western boundaries of Western Trunk Line and Southwestern Territories as described in (3) and (4) above.

34. Interchange State #1 (2 character alpha)

The two character abbreviation for the state in which the reported waybill's first junction interchange station is located.¹

35. Interchange State #2 (2 character alpha)

The two character abbreviation for the state in which the reported waybill's second junction interchange station is located.¹

36. Interchange State #3 (2 character alpha)

The two character abbreviation for the state in which the reported waybill's third junction interchange station is located.¹

37. Interchange State #4 (2 character alpha)

The two character abbreviation for the state in which the reported waybill's fourth junction interchange station is located.¹

38. Interchange State #5 (2 character alpha)

The two character abbreviation for the state in which the reported waybill's fifth junction interchange station is located.¹

39. Interchange State #6 (2 character alpha)

The two character abbreviation for the state in which the reported waybill's sixth junction interchange station is located.¹

40. Interchange State #7 (2 character alpha)

The two character abbreviation for the state in which the reported waybill's seventh junction interchange station is located.¹

41. Interchange State #8 (2 character alpha)

The two character abbreviation for the state in which the reported waybill's eighth junction interchange station is located.¹

42. Interchange State #9 (2 character alpha)

The two character abbreviation for the state in which the reported waybill's ninth junction interchange station is located.¹

43. Termination BEA Area (3 digit numeric)

The Business Economic Area code for the reported waybill movement's termination location.(See "Department of Commerce - Bureau of Economic Analysis, Business Economic Area Codes" revised for 1997)⁷

44. Termination Freight Rate Territory (1 digit numeric)

The freight rate territory, as defined by the STB, in which the reported waybill movement terminated. See item 33 for full descriptions.

- (0) Unknown
- (1) Official Territory
- (2) Southern Territory
- (3) Western Trunk Line Territory
- (4) Southwestern Territory
- (5) Mountain-Pacific Territory⁴

45. Reporting Period Length (1 digit numeric)

- (1) Monthly
- (2) Quarterly¹

46. Car Capacity (5 digit numeric)

Cubic foot capacity of car (for all equipment types except flat).²

(See Appendix to Section 8 - UMLER Field Descriptions, Cubic Feet Capacity-Actual)

47. Nominal Car Capacity (3 digit numeric)

Numeric capacity, in thousands of pounds, as stenciled on the car and defined in the AAR interchange Rule 70.²

(See Appendix to Section 8 - UMLER Field Descriptions, UMLER Nominal Capacity)

48. Tare Weight of Car (4 digit numeric)

The actual light weight (not an average), in hundredweight, for each car.²

(See Appendix to Section 8 - UMLER Field Descriptions, Tare Weight)

49. Outside Length (5 digit numeric)

Distance between pulling faces of the couplers in normal position. The first three digits represent feet. The last 2 digits represent inches, rounded up to the next inch in the case of a fraction. Example: 5 1/4" = 6".²

(See Appendix to Section 8 - UMLER Field Descriptions, Outside Dimensions-Length)

50. Outside Width (4 digit numeric)

Measurement of outside width of car, including attachments projecting to greatest extent. The first two digits represent feet. The last two digits represent inches, rounded up to next inch in the case of a fraction.²

(See Appendix to Section 8 - UMLER Field Descriptions, Outside Dimensions/Upper Eaves Width)

51. Outside Height (4 digit numeric)

Measurement from top of rail to top of eaves at side of car. The first two digits represent feet. The last two digits represent inches, rounded up to the next inch in the case of a fraction.²

(See Appendix to Section 8 - UMLER Field Descriptions, Upper Eaves-Height)

52. Extreme Outside Height (4 digit numeric)

Measurement from top of rail to location where extreme height occurs. The first two digits represent feet. The last two digits represent inches, rounded up to the next inch in the case of a fraction.²

(See Appendix to Section 8 - UMLER Field Descriptions, Outside Dimensions-Extreme Height)

53. Type of Wheel Bearings and Brakes (1 character alpha)

- (A) Plain bearings and composition brake shoes
- (B) Roller bearings and composition brake shoes
- (C) Plain bearings and cast iron brake shoes
- (D) Roller bearings and cast iron brake shoes
- (E) Roller bearings, composition brake shoes and constant contact side bearings
- (F) Roller bearings, cast iron brake shoes and constant contact side bearings
- (G) Roller bearings, composition brake shoes and empty/load brake system
- (H) Roller bearings, composition brake shoes, constant contact side bearings and empty/load brake system
- (I) Roller bearings, cast iron brake shoes and empty/load brake system
- (J) Roller bearings, cast iron brake shoes, constant contact side bearings and empty/load brake system
- (K) Roller bearings, composition brake shoes and designed for high speed train operations
- (L) Roller bearings, composition brake shoes, empty/load brake system and designed for high speed train operations²

(See Appendix to Section 8 - UMLER Field Descriptions, Bearing and Brake Shoe Type)

54. Number of Axles (1 character alpha-numeric)

<u>Code</u>	<u>Axles</u>	<u>Code</u>	<u>Axles</u>	<u>Code</u>	<u>Axles</u>
(2)	2	(F)	16	(Q)	27
(4)	4	(G)	17	(R)	28
(6)	6	(H)	18	(S)	29
(8)	8	(I)	19	(T)	30
(9)	9	(J)	20	(U)	31
(0)	10	(K)	21	(V)	32
(A)	11	(L)	22	(W)	33
(B)	12	(M)	23	(X)	34
(C)	13	(N)	24	(Y)	35
(D)	14	(O)	25	(Z)	36 or more ²
(E)	15	(P)	26		

(See Appendix to Section 8 - UMLER Field Descriptions, Axles)

55. Draft Gear (2 digit numeric)

Coding is equipment type dependent.²

(See Appendix to Section 8 - UMLER Field Descriptions, Draft Gear/Coupler)

56. Number of Articulated Units (1 digit numeric)

An articulated car consists of two or more cars permanently coupled together in such a manner that they cannot be separated for operations in interchange service as individual cars. Such cars will be operated under one reporting mark and one reporting number. The reported code indicates the number of units permanently attached. The minimum is 2, while 9 indicates nine or more units.²

Note: '0' indicates that the car is not articulated

57. AAR Error Codes (4 digit numeric)

Two two-digit error codes are appended to the end of each waybill record. Refer to the 900-Byte layout section entitled "Error Codes and Messages," for specific error code definitions.⁵

58. Routing Error Flag (1 character alpha)

This field contains either a 'T' (true) or an 'F' (false). An 'F' indicates that ALK was not able to sufficiently identify the actual origin or termination point of the route, so as to calculate a carrying distance for one or more railroads in the route. An 'F' in this field will be accompanied by a '99999' in the total distance field (and one or more railroad distance fields), and '99999' in all of the split revenue fields.⁶

59. Expanded Carloads (6 digit numeric)

The number of carloads (item 3) multiplied by the expansion factor (item 30).⁶

60. Expanded Tons (9 digit numeric)

The billed weight in tons (item 14) multiplied by the expansion factor (item 30).⁶

61. Expanded Freight Revenue (11 digit numeric)

The total freight revenue (item 16) multiplied by the expansion factor (item 30).⁶

62. Expanded Trailer/Container Count (6 digit numeric)

The number of TOFC/COFC units (item 9) multiplied by the expansion factor (item 30).⁶

Sources:

- 1 Reported by Railroad
- 2 Universal Machine Language Equipment Register (UMLER) - function of Car Initial
- 3 (item 6) and Car Number (item 7)
- 3 Centralized Station Master (CSM) - function of Railroad (item 33, 51) and Freight
Station (item 32, 52)
- 4 Surface Transportation Board (STB) - Uniform Rail Costing System (URCS)
- 5 Association of American Railroads
- 6 ALK Associates, Inc.
- 7 US Department of Commerce
- 8 Standard Transportation Commodity Code (STCC)
- 9 US Census Bureau

STCC HEADERS

011	FIELD CROPS	0119	MISCELLANEOUS FIELD
0112	COTTON, RAW	01191	FODDER, HAY OR ROUGHAGE
01129	RAW COTTON, NEC		EXC. CHOPPED, GROUND OR
			PULVERIZED SEE
0113	GRAIN		01991-01992
		01192	HOPS
01131	BARLEY		
01132	CORN EXC. POPCORN SEE	01193	LEAF TOBACCO
	01152		
01133	OATS	01194	POTATOES, SWEET
		01195	POTATOES, OTHER THAN
01134	RICE, ROUGH		SWEET
01135	RYE	01196	STRAW EXC. CHOPPED,
			GROUND OR PULVERIZED SEE
01136	SORGHUM GRAINS		01991
01137	WHEAT EXC. BUCKWHEAT SEE	01197	SUGAR BEETS
	01139	01198	SUGAR CANE
01139	GRAIN, NEC		
		01199	FIELD CROPS, NEC
0114	OIL KERNELS, NUTS OR	012	FRESH FRUITS OR TREE
	SEEDS EXC. EDIBLE TREE	0121	CITRUS FRUITS
	NUTS SEE 0129 OR 2071		
01141	COTTONSEEDS	01211	GRAPEFRUIT
		01212	LEMONS
01142	FLAXSEEDS	01214	ORANGES
01143	PEANUTS		
01144	SOYBEANS (SOYA BEANS)	01215	TANGERINES
		01219	CITRUS FRUITS, NEC
01149	OIL KERNELS, NUTS OR	0122	DECIDUOUS FRUITS
	SEEDS, NEC EXC. EDIBLE		
	TREE NUTS SEE 01298 OR	01221	APPLES
	20712	01222	APRICOTS
0115	FIELD SEEDS EXC. OIL		
	SEEDS SEE 0114	01223	CHERRIES
		01224	GRAPES
01151	LAWN GRASS SEEDS	01225	NECTARINES
01152	POPCORN		
01159	FIELD SEEDS, NEC EXC.		
	SEEDS SEE 01141-01149		

STCC HEADERS

01226	PEACHES	01317	TURNIPS
01227	PEARS	01318	ONIONS, DRY
01228	PLUMS OR PRUNES EXC. MARMALADE PLUMS SEE	01319	BULBS, ROOTS OR TUBERS, WITH OR WITHOUT TOPS, EXC. POTATOES, SWEET SEE 01194 OR OTHER THAN SEE 01195
01229	DECIDUOUS FRUITS, NEC	0133	LEAFY FRESH VEGETABLES
0123	TROPICAL FRUITS EXC. CITRUS SEE 0121	01331	BROCCOLI
01231	AVOCADOS	01332	BRUSSELS SPROUTS
01232	BANANAS	01333	CABBAGE
01233	PINEAPPLES	01334	CELERY
01239	TROPICAL FRUITS, NEC CITRUS SEE 01211-01219	01335	LETTUCE
0129	MISCELLANEOUS FRESH FRUITS OR TREE NUTS	01336	CHARD, KALE OR SPINACH
01291	BUSH OR CANE BERRIES	01337	CAULIFLOWER
01292	CRANBERRIES	01339	LEAFY FRESH VEGETABLES, NEC
01293	STRAWBERRIES	0134	FIELD DRY RIPE VEGETABLE FOOD SEEDS EXC. ARTIFI- CIALLY DRIED SEE 2034
01294	COCOA BEANS	01341	BEANS, DRY RIPE
01295	COFFEE, GREEN	01342	PEAS, DRY
01298	NUTS, EDIBLE, IN THE SHELL EXC. PEANUTS SEE 01143	01343	COWPEAS, LENTILS OR LU- PINES
01299	FRESH FRUITS OR TREE NUTS, NEC	01349	FIELD DRY RIPE VEGETABLE FOOD SEEDS, NEC EXC. ARTIFICIALLY DRIED SEE 20342-20343
013	FRESH VEGETABLES	0139	MISCELLANEOUS FRESH TABLES
0131	BULBS, ROOTS OR TUBERS, WITH OR WITHOUT TOPS POTATOES SEE 0119	01391	BEANS, STRING, LIMA OR WAX, OR PEAS, GREEN OR FRESH
01311	BEETS EXC. SUGAR BEETS SEE 01197	01392	WATERMELONS
01312	CARROTS	01393	SWEET CORN
01313	ONIONS, GREEN		
01315	RADISHES		

STCC HEADERS

01394	TOMATOES	0151	LIVE POULTRY
01395	CUCUMBERS	01511	LIVE CHICKENS EXC. BABY SEE 01513
01396	PEPPERS	01512	LIVE TURKEYS EXC. BABY SEE 01513
01397	PUMPKINS OR SQUASH	01513	LIVE BABY POULTRY
01398	CANTALOUPE, MELONS OR MUSKMELONS EXC. WATER- MELONS SEE 01392	01519	LIVE POULTRY, NEC
01399	FRESH VEGETABLES, NEC	0152	POULTRY EGGS
014	LIVESTOCK OR LIVESTOCK PRODUCTS	01521	EGGS, MARKET
0141	LIVESTOCK EXC. HORSES OR MULES SEE 0192	01522	HATCHING EGGS, CHICKEN
01411	CATTLE VIZ. BULLS, COWS, HEIFERS, OXEN OR STEERS	01523	HATCHING EGGS, TURKEY
01412	CALVES	01529	POULTRY EGGS, NEC
01413	SWINE VIZ. BARROWS, BOARS, HOGS, PIGS OR	019	MISCELLANEOUS FARM PROD- UCTS
01414	SHEEP VIZ. EWES, LAMBS, RAMS OR WETHERS	0191	HORTICULTURAL
01415	GOATS OR KIDS	01911	CUT FLOWERS
01419	LIVESTOCK, NEC EXC. - HORSES OR MULES SEE	01912	NURSERY STOCK VIZ. BULBS, PLANTS OR TUBERS, SHRUBS, OR TREES, FRUIT OR SHADE, OR VINES, ETC.
0142	DAIRY FARM PRODUCTS EXC. PASTEURIZED SEE 2026	01915	HERBS (SEEDS, LEAVES, ROOTS, ETC.)
01421	DAIRY FARM PRODUCTS EXC. PASTEURIZED SEE 20251-20264	01916	MUSHROOMS, FRESH
0143	ANIMAL FIBRES	01917	VEGETABLE OR BERRY
01431	WOOL EXC. SCOURED SEE 22971	01918	FLOWER OR VEGETABLE
01432	MOHAIR (ANGORA GOAT EXC. SCOURED SEE 22971	01919	HORTICULTURAL SPECIAL- TIES, NEC
01439	ANIMAL FIBRES OR SILK FIBRES, NEC	0192	ANIMAL SPECIALTIES
015	POULTRY OR POULTRY PROD- UCTS	01921	HORSES OR MULES, LIVE VIZ. COLTS, GELDINGS, MARES, PONIES OR STAL- LIONS, OR FOR MULES, ASSES, BURROS, DONKEYS, JACKS OR JENNIES

STCC HEADERS

01923	HIDES, PELTS OR SKINS, NOT TANNED EXC. CATTLE, GOAT, HORSE, MULE, SHEEP OR SWINE SEE 20141, MARINE ANIMAL SEE 09132	09	FRESH FISH OR OTHER MA- RINE PRODUCTS
01928	ANIMAL OR POULTRY MANURE	091	FRESH FISH OR OTHER MA- RINE PRODUCTS EXC. PROCESSED SEE 203
01929	ANIMAL SPECIALTIES, NEC	0912	FRESH FISH OR WHALE PRODUCTS, OR FRESH
0199	FARM PRODUCTS, NEC		UNPACKAGED (UNPROCESSED) FISH EXC. FRESH OR FRESH FROZEN PROCESSED FISH 2036
01991	CHOPPED, GROUND OR PUL- VERIZED HAY, STRAW OR RELATED AGRICULTURAL PRODUCTS EXC. ALFALFA 01992	09121	FINFISH
01992	CHOPPED, GROUND OR PUL- VERIZED ALFALFA	09122	SHELLFISH
01999	FARM PRODUCTS, NEC	09123	WHALE PRODUCTS
08	FOREST PRODUCTS	0913	OTHER MARINE PRODUCTS
084	BARKS OR GUMS, CRUDE	09131	SHELLS, OYSTER, CRAB, CLAM, ETC.
0842	BARKS OR GUMS, CRUDE	09132	MARINE ANIMAL SKINS, UNTANNED EXC. WHALE SEE 09123
08422	BARKS OR GUMS, CRUDE LATEX OR ALLIED GUMS (CRUDE RUBBER) SEE 08423	09139	MISCELLANEOUS MARINE PRODUCTS, NEC
08423	LATEX GUMS (CRUDE RUBBER) OR ALLIED GUMS	098	FISH HATCHERIES, FARMS PRESERVES
086	MISCELLANEOUS FOREST PRODUCTS	0989	FISH HATCHERIES, FARMS PRESERVES
0861	MISCELLANEOUS FOREST PRODUCTS	09891	TROPICAL FISH HATCHERIES OR FARMS
08611	CHRISTMAS TREES EXC. ARTIFICIAL SEE 39621	10	METALLIC ORES
08612	DECORATIVE EVERGREENS, HOLLY OR MISTLETOE EXC. ARTIFICIAL SEE 39621	101	IRON ORES
08613	FERNS EXC. ARTIFICIAL 39621	1011	IRON ORES
08619	FOREST PRODUCTS, NEC, OR TREE SEEDS, INEDIBLE OIL SEEDS SEE	10111	IRON DIRECT-SHIPPING ORES, CRUDE
		10112	IRON BENEFICIATING-GRADE ORES, CRUDE, OR IRON TO PROCESSING OR BENEFI- CIATING PLANTS

STCC HEADERS

10113	IRON CONCENTRATES OR AGGLOMERATES	1051	BAUXITE ORES OR OTHER ALUMINUM ORES
102	COPPER ORES	10511	CRUDE BAUXITE ORES
1021	COPPER ORES	10513	CALCINED OR ACTIVATED BAUXITE ORES
10211	CRUDE COPPER ORES		
10212	COPPER CONCENTRATES OR PRECIPITATES	10514	ALUMINUM ORES EXC. BAUX- ITE SEE 10511 AND 10513
103	LEAD OR ZINC ORES	106	MANGANESE ORES
1031	LEAD ORES	1061	MANGANESE ORES
10311	CRUDE LEAD ORES		
10312	LEAD CONCENTRATES	10611	MANGANESE ORES, CRUDE
1032	ZINC ORES	10612	MANGANESE BENEFICIAT- ING-GRADE ORE, CRUDE
10321	CRUDE ZINC ORES	10613	MANGANESE CONCENTRATES AGGLOMERATES
10322	ZINC CONCENTRATES		
1033	LEAD AND ZINC ORES COM- BINED	107	TUNGSTEN ORES
10331	CRUDE LEAD AND ZINC ORES COMBINED	1071	TUNGSTEN ORES
		10711	CRUDE TUNGSTEN ORES
10332	LEAD AND ZINC CONCEN- TRATES COMBINED	10712	TUNGSTEN CONCENTRATES
104	GOLD OR SILVER ORES	108	CHROMIUM ORES
1041	GOLD ORE	1081	CHROMIUM ORES
10411	CRUDE GOLD ORE OR TAIL- INGS	10811	CRUDE CHROMIUM ORES
10412	GOLD CONCENTRATES OR PRECIPITATES OR GOLD BULLION	10812	CHROMIUM CONCENTRATES
1042	SILVER ORE	109	MISCELLANEOUS METAL ORES
10421	CRUDE SILVER ORE OR INGS	1092	MISCELLANEOUS METAL ORES
		10923	RADIO-ACTIVE ORES (UM, RADIUM, ETC)
10422	SILVER CONCENTRATES OR SILVER MILL BULLION	10929	MISCELLANEOUS METAL NEC
105	BAUXITE OR OTHER ORES	11	COAL
		111	ANTHRACITE
		1111	ANTHRACITE
		11111	RAW ANTHRACITE

STCC HEADERS

11112	PREPARED ANTHRACITE GROUND OR PULVERIZED OTHER THAN FOR FUEL OR STEAM PURPOSES SEE 29919	14	NONMETALLIC MINERALS EXC. FUELS
11119	ANTHRACITE WASTE	141	DIMENSION STONE, QUARRY
112	BITUMINOUS COAL OR LIG- NITE	1411	DIMENSION STONE, QUARRY EXC. DRESSED, POLISHED, SHAPED OR OTHERWISE FIN- ISHED SEE 3281
1121	BITUMINOUS COAL	14111	DIMENSION STONE, QUARRY EXC. DRESSED, POLISHED, SHAPED OR OTHERWISE FIN- ISHED SEE 32811-32819
11211	RAW BITUMINOUS COAL		
11212	PREPARED BITUMINOUS COAL EXC. GROUND OR OTHER THAN FOR FUEL OR STEAM PURPOSES SEE 29919	142	CRUSHED OR BROKEN STONE OR RIPRAP
11219	BITUMINOUS COAL WASTE	1421	BROKEN OR CRUSHED STONE, OR RIPRAP EXC. GROUND OR OTHERWISE TREATED SEE 3295
1122	LIGNITE	14211	AGRICULTURAL LIMESTONE, BROKEN OR CRUSHED EXC.
11221	LIGNITE, PREPARED OR RAW EXC. GROUND OR OTHER THAN FOR FUEL OR STEAM PURPOSES SEE 29919		GROUND OR OTHERWISE TED, SEE 32959
13	CRUDE PETROLEUM, NATURAL GAS OR GASOLINE	14212	FLUXING LIMESTONE OR STONE, BROKEN OR CRUSHED
131	CRUDE PETROLEUM OR NATU- RAL GAS	14213	DOLOMITE, BROKEN OR CRUSHED
1311	CRUDE PETROLEUM		
13111	CRUDE PETROLEUM	14219	BROKEN OR CRUSHED STONE OR RIPRAP, NEC EXC. GROUND OR OTHERWISE TED, SEE 32951-32959
1312	NATURAL GAS	144	GRAVEL OR SAND
13121	NATURAL GAS		
132	NATURAL GASOLINE EXC. LIQUEFIED PETROLEUM SEE 291	1441	GRAVEL OR SAND EXC. ABRASIVE SEE 1491
1321	NATURAL GASOLINE EXC. LIQUEFIED PETROLEUM SEE 2912	14411	SAND (AGGREGATE OR BAL- LAST) EXC. ABRASIVE SEE 14916
13211	NATURAL GASOLINE EXC. LIQUEFIED PETROLEUM SEE 29121	14412	GRAVEL (AGGREGATE OR BALLAST)
		14413	INDUSTRIAL SAND, CRUDE, GROUND OR PULVERIZED ABRASIVE SEE 14916 OR TREATED, OTHER THAN GROUND OR PULVERIZED SEE 32952

STCC HEADERS

145	CLAY, CERAMIC OR REFRAC- TORY MINERALS	14712	FLUORSPAR (FLUORITE OR FLORSPAR), CRUDE EXC. GROUND OR OTHERWISE TREATED SEE 32959
1451	CERAMIC, CLAY OR REFRAC- TORY MINERALS, CRUDE EXC. GROUND OR OTHERWISE TREATED SEE 3295	14713	BORATE, POTASH OR SODA, CRUDE EXC. GROUND OR OTHERWISE TREATED SEE 32959 OR 28121-28129
14511	BENTONITE, CRUDE EXC. GROUND OR OTHERWISE TREATED SEE 32952	14714	APATITE OR PHOSPHATE ROCK, CLAY OR SAND, EXC. GROUND OR OTHERWISE TREATED SEE 28194 OR 28712-28719
14512	FIRE CLAY, CRUDE EXC. GROUND OR OTHERWISE TREATED SEE 32952	14715	ROCK SALT, CRUDE, CRUSHED, LUMP OR EXC. SODIUM CHLORIDE (COMMON SALT), SEE 28991
14513	FULLERS EARTH, CRUDE GROUND OR OTHERWISE TREATED SEE 32952	14716	SULPHUR, CRUDE, LIQUID, MOLTEN OR SOLID EXC. GROUND OR OTHERWISE TREATED SEE 32959
14514	BALL OR KAOLIN CLAY, CRUDE EXC. GROUND OR OTHERWISE TREATED SEE 32952	14719	CHEMICAL OR FERTILIZER MINERALS, NEC EXC. OR OTHERWISE TREATED SEE 28711-28719 OR 32951-32959
14515	FELDSPAR, CRUDE EXC. GROUND OR OTHERWISE TREATED SEE 32955	149	MISCELLANEOUS MINERALS EXC. FUELS SEE 111-112 OR 299
14516	BRUCITE OR MAGNESITE, CRUDE EXC. GROUND OR OTH- ERWISE TREATED SEE 32953 OR 32959	1491	MISCELLANEOUS MINERALS, NEC, CRUDE EXC. GROUND OR OTHERWISE TREATED AT OTHER THAN MINE SITE SEE 3295, OR FUELS SEE 1111-1122 OR 2991
14519	CERAMIC OR CLAY NEC, CRUDE EXC. GROUND OTHERWISE TREATED SEE 32951-32959	14911	ANHYDRITE OR GYPSUM, CRUDE EXC. GROUND OR OTHERWISE TREATED AT OTHER THAN MINE SITE SEE 32956
147	CHEMICAL OR FERTILIZER MINERALS		
1471	CHEMICAL OR FERTILIZER MINERALS, CRUDE EXC. GROUND OR OTHERWISE TREATED SEE 2871 OR 3275		
14711	BARITE (BARYTES), CRUDE (HEAVY SPAR OR TIFF) GROUND OR OTHERWISE TREATED SEE 32959		

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14912	MICA, CRUDE EXC. GROUND OR OTHERWISE TREATED SEE 32957	14922	WATER, DRINKING EXC. BONATED OR MINERAL SEE 20861
14913	NATIVE ASPHALT OR BITUMENS	19	ORDNANCE OR ACCESSORIES
14914	PUMICE OR PUMICITE, EXC. GROUND OR OTHERWISE TREATED SEE 32959	191	GUNS, HOWITZERS, RELATED EQUIPMENT OR PARTS, BORE OVER 30 MM (1. 18 INCH) EXC. SMALL ARMS OR PARTS 30 MM (1. 18 INCH) OR UNDER SEE
14915	PYROPHYLLITE, SOAPSTONE OR TALC, CRUDE EXC. GROUND OR OTHERWISE TREATED SEE 32954	1911	GUNS, HOWITZERS, RELATED EQUIPMENT OR PARTS, BORE OVER 30 MM (1. 18 INCH) EXC. SMALL ARMS OR PARTS 30 MM (1. 18 INCH) OR UNDER SEE
14916	NATURAL ABRASIVES, FLOUR OR SIZED GRAINS, OR POW- DERS EXC. INDUSTRIAL DIAMOND ABRASIVES SEE 32912, OR SAND SEE 14411-14413	19111	GUNS, HOWITZERS, RELATED EQUIPMENT OR PARTS, BORE OVER 30 MM (1. 18 INCH) EXC. SMALL ARMS OR PARTS 30 MM (1. 18 INCH) OR UNDER SEE 1951
14917	PEAT, NATURAL EXC. OR OTHERWISE TREATED SEE 32959	192	AMMUNITION, OVER 30 MM (1. 18 INCH) EXC. FOR SMALL ARMS SEE 196
14918	DIATOMACEOUS OR AL EARTH, CRUDE EXC. GROUND OR OTHERWISE TREATED AT OTHER THAN MINE SITE SEE 32952 OR 32959, OR FULLERS EARTH SEE 14513	1925	GUIDED MISSILES OR SPACE VEHICLES, COMPLETELY ASSEMBLED
14919	NONMETALLIC MINERALS, NEC, LOAM, SOIL OR TOP SOIL, NEC EXC. GROUND OR OTHERWISE TREATED AT OTHER THAN MINE SITE SEE 32951-32959, OR UELS SEE 11111-11221 OR see STCC 6001AA for full DESCRIPTION	19251	GUIDED MISSILES OR SPACE VEHICLES, COMPLETELY ASSEMBLED
1492	WATER EXC. CARBONATED OR MINERAL SEE 2086	1929	AMMUNITION OR RELATED PARTS, NEC EXC. SMALL ARMS SEE 1961 OR PYROTECHNICS SEE 2899
14921	RAW WATER, FOR CONSTRUC- TION OR IRRIGATION PUR- POSES	19291	ARTILLERY AMMUNITION OR RELATED PARTS
		19293	MILITARY BOMBS, MINES OR RELATED PARTS

STCC HEADERS

19299	AMMUNITION OR RELATED PARTS, NEC, OR CHEMICAL WARFARE PROJECTILES, DEPTH CHARGES, GRENADES, ROCKETS, OTHER THAN GUIDED MISSILES OR EXC. SMALL ARMS SEE STCC 6001AA for full DESCRIPTION	19512	SMALL ARMS, NEC, 30 MM (1. 18 INCH) OR UNDER, PARTS, NEC
193	FULL TRACKED COMBAT CLES OR PARTS	196	SMALL ARMS AMMUNITION, 30 MM OR UNDER (1. 18 INCH OR UNDER)
1931	FULL TRACKED COMBAT CLES OR PARTS EXC. WHEELED TACTICAL COMBAT VEHICLES SEE 3711	1961	SMALL ARMS AMMUNITION, 30MM OR UNDER (1. 18 OR UNDER) EXC. BLASTING OR DETONATING CAPS OR SAFETY FUSES SEE 2892 OR FIREWORKS SEE 2899
19311	MILITARY TANKS OR PARTS EXC. TANK ENGINES SEE 35199	19611	SMALL ARMS AMMUNITION, 30MM OR UNDER (1. 18 OR UNDER) EXC. BLASTING OR DETONATING CAPS OR SAFETY FUSES SEE 28921 FIREWORKS SEE 28993
19312	MILITARY SELF-PROPELLED COMBAT WEAPONS OR PARTS	199	MISCELLANEOUS ORDNANCE, ACCESSORIES OR PARTS
19313	FULL TRACKED COMBAT CLE OR PARTS EXC. TACTICAL COMBAT VEHICLES SEE 37114	1991	MISCELLANEOUS ORDNANCE, ACCESSORIES OR PARTS
194	MILITARY SIGHTING OR CONTROL EQUIPMENT EXC. OPTICAL LENSES OR PRISMS SEE 383	19911	MISCELLANEOUS ORDNANCE, ACCESSORIES OR PARTS
1941	MILITARY SIGHTING OR CONTROL EQUIPMENT EXC. OPTICAL LENSES OR PRISMS SEE 3831	20	FOOD OR KINDRED PRODUCTS
19411	MILITARY SIGHTING OR CONTROL EQUIPMENT EXC. OPTICAL LENSES OR PRISMS SEE 38311	201	MEAT, POULTRY OR SMALL GAME, FRESH, CHILLED OR FROZEN
195	SMALL ARMS, 30 MM (1. 18 INCH) OR UNDER, OR PARTS	2011	MEAT, FRESH OR CHILLED EXC. SALTED SEE 20132
1951	SMALL ARMS, 30 MM (1. 18 INCH) OR UNDER, OR PARTS	20111	CARCASSES (WHOLE OR PARTS), FABRICATED OR PRIMAL CUTS, OR BONELESS MEAT, FRESH OR CHILLED
19511	MACHINE GUNS, 30 MM (1. 18 INCH) OR UNDER, OR PARTS	20119	MEAT, FRESH OR CHILLED, NEC EXC. SAUSAGE, FRESH SEE 20133
		2012	MEAT FRESH-FROZEN
		20121	CARCASSES (WHOLE OR PARTS), FABRICATED OR PRIMAL CUTS, OR BONELESS MEAT, FRESH FROZEN

STCC HEADERS

20129	MEAT, FRESH FROZEN, NEC	20161	DRESSED POULTRY OR SMALL GAME, FRESH FROZEN
2013	MEAT PRODUCTS		
20131	LARD	20168	POULTRY BY-PRODUCTS OR SMALL GAME BY-PRODUCTS, FRESH FROZEN
20132	MEATS OR SAUSAGE, CURED, DRIED, PRESERVED, SALTED OR SMOKED	2017	PROCESSED POULTRY OR SMALL GAME, OR EGGS
20133	SAUSAGE, FRESH	20171	CANNED POULTRY OR SMALL GAME
20134	CANNED MEAT	20172	EGGS, CANNED, DRIED, FROZEN, LIQUID, ED, DESICCATED OR OTHERWISE PROCESSED
20139	MEAT PRODUCTS, NEC		
2014	ANIMAL BY-PRODUCTS, IBLE EXC. FATTY ACIDS 2899 OR FATTY ALCOHOLS SEE 2818	202	DAIRY PRODUCTS
20141	HIDES, PELTS OR SKINS, NOT TANNED, CATTLE, HORSE, MULE, SHEEP OR SWINE	2021	CREAMERY BUTTER
20143	GREASE OR INEDIBLE OR OTHER INEDIBLE ANIMAL OIL MILL PRODUCTS OR FOOTS	20211	CREAMERY BUTTER
20144	ANIMAL REFUSE, TANKAGE, MEAT MEAL, OR DRIED OR RELATED ANIMAL BY-PRODUCTS	2023	CONDENSED, EVAPORATED DRY MILK
20149	ANIMAL BY-PRODUCTS, IBLE, NEC	20231	DRY MILK PRODUCTS
2015	DRESSED POULTRY OR BY-PRODUCTS OR SMALL OR BY-PRODUCTS, FRESH OR CHILLED	20233	EVAPORATED OR CONDENSED MILK PRODUCTS
20151	DRESSED POULTRY OR SMALL GAME, FRESH OR CHILLED	20234	ICE CREAM MIX OR ICE MIX
20158	POULTRY OR SMALL GAME BY-PRODUCTS, FRESH OR CHILLED	2024	ICE CREAM OR RELATED FROZEN DESSERTS
2016	DRESSED POULTRY OR ED PRODUCTS OR SMALL OR RELATED PRODUCTS, FRESH FROZEN	20241	ICE CREAM OR RELATED FROZEN DESSERTS
		2025	CHEESE OR SPECIAL DAIRY PRODUCTS
		20251	CHEESE EXC. COTTAGE CHEESE SEE 20252
		20252	COTTAGE CHEESE
		20258	CASEIN PRODUCTS
		20259	SPECIAL DAIRY PRODUCTS BY-PRODUCTS, NEC

STCC HEADERS

2026	PROCESSED WHOLE MILK, SKIM MILK, CREAM OR FLUID PRODUCTS	20331	CANNED FRUITS
20261	BULK FLUID MILK, SKIM MILK OR CREAM	20332	CANNED VEGETABLES
20262	PACKAGED (GLASS OR FLUID MILK, SKIM MILK OR CREAM	20333	CANNED HOMINY OR MUSH- ROOMS
20264	BUTTERMILK, CHOCOLATE MILK OR OTHER FLAVORED MILK DRINKS	20334	JUICE, FRUIT OR VEGE- TABLE, OTHER THAN FROZEN EXC. CIDER SEE 20996
203	CANNED OR PRESERVED FRUITS, VEGETABLES OR SEAFOOD	20336	CATSUP OR OTHER TOMATO SAUCES
2031	CANNED OR CURED SEA	20338	JAMS, JELLIES OR PRE- SERVES
20311	CANNED FISH OR OTHER FOOD, SEAFOOD CHOWDERS, SOUP OR STEWS OR LIVERS OR ROE EXC. DRIED, PICKLED, SALTED OR SEE 20314	20339	CANNED FRUITS OR VEGETA- BLES, NEC, OR NEC
20314	SMOKED, SALTED, PICKLED OR DRIED FISH	2034	DEHYDRATED OR DRIED FRUITS OR VEGETABLES OR SOUP MIX EXC. FIELD DRY RIPE VEGETABLE FOOD SEE 0134
2032	CANNED SPECIALTIES	20341	DEHYDRATED OR DRIED FRUITS
20321	CANNED BABY FOODS	20342	DEHYDRATED OR DRIED TABLES, OR SOUP MIXES EXC. FIELD DRY RIPE TABLE FOOD SEEDS SEE 01341-01349
20322	CANNED SOUPS EXC. CANNED SEAFOOD SOUPS SEE 20311, FROZEN SOUPS SEE 20381, OR FROZEN SEAFOOD SOUPS SEE 20361	20343	DEHYDRATED OR DRIED TOES OR PRODUCTS EXC. POTATO CHIPS SEE 20992
20323	CANNED BEAN SPECIALTIES, PORK AND BEANS OR BAKED BEANS	2035	PICKLED FRUITS OR BLES, SALAD DRESSINGS, SEASONINGS, OR VEGETABLE SAUCES EXC. CATSUP OR TOMATO SAUCES SEE 2033 SPICES SEE 2099
20329	CANNED SPECIALTIES, NEC	20352	PICKLES OR OTHER PICKLED PRODUCTS
2033	CANNED FRUITS, JAMS, JELLIES, PRESERVES OR VEGETABLES EXC. SEAFOOD SOUPS SEE 2031 OR 2036, OR BABY FOODS OR SOUPS OTHER THAN SEAFOOD SEE 2032	20354	SALAD DRESSINGS, MAYON- NAISE OR SALAD DRESSING TYPE SANDWICH SPREADS

STCC HEADERS

20359	SAUCES OR SEASONINGS, EXC. CATSUP OR TOMATO SAUCES SEE 20336 OR ES SEE 20997	20411	WHEAT FLOUR EXC. BLENDED OR PREPARED SEE 20451-20452
2036	FRESH OR FROZEN (PACKAGED) FISH OR OTHER SEAFOOD	20412	WHEAT BRAN, MIDDLINGS SHORTS
20361	FROZEN PROCESSED (PACK- AGED) FISH OR OTHER SEA- FOOD	20413	CORN MEAL OR FLOUR EXC. ANIMAL OR POULTRY FEED SEE 20421-20423
20362	FRESH PROCESSED (PACK- AGED) FISH OR OTHER SEA- FOOD	20414	RYE FLOUR OR MEAL
2037	FROZEN FRUITS, OR FRUIT JUICES	20415	BUCKWHEAT FLOUR OR MEAL
20371	FROZEN FRUITS	20416	OAT MEAL OR FLOUR
20372	FROZEN JUICES OR ADES	20418	GRAIN MILL BY-PRODUCTS EXC. WHEAT BRAN, MID- DLINGS, RED DOG OR SEE 20412
20373	FROZEN VEGETABLES	20419	FLOUR OR OTHER GRAIN PRODUCTS, NEC
20379	FROZEN FRUITS OR VEGETA- BLES IN MIXED LOADS OR MIXED WITH FROZEN FRUIT JUICES	2042	PREPARED FEED, ANIMAL, FISH OR POULTRY, OTHER THAN DOG, CAT OR OTHER PET FOOD, NEC EXC. CHOP- PED, GROUND OR
2038	FROZEN SPECIALTIES	20421	HAY, STRAW OR RELATED PRODUCTS SEE 0199
20381	FROZEN PREPARED FOODS OR SOUPS EXC. SEA FOODS SEE 20361	20421	PREPARED FEED, ANIMAL, FISH OR POULTRY, OTHER THAN DOG, CAT OR OTHER PET FOOD, NEC EXC. SEE 20423, OR CHOPPED, GROUND OR PULVERIZED STRAW OR RELATED see STCC 6001AA for full DESCRIPTION
2039	MIXED LOADS OF CANNED OR PRESERVED FRUITS, OR VEGETABLES, WITHOUT SEPARATE WEIGHTS	20423	CANNED FEED, ANIMAL, OR POULTRY, OTHER THAN DOG, CAT OR OTHER PET FOOD, NEC
20391	MIXED LOADS OF CANNED OR PRESERVED FRUITS, OR VEGETABLES, OF COMMODITIES IN THE GROUP EXCLUSIVELY, WITH- OUT SEPARATE WEIGHTS	2043	CEREAL PREPARATIONS
204	GRAIN MILL PRODUCTS	20431	COOKED CEREALS, FLAKED, GRANULATED, POPPED, PUFFED, ROLLED, ROASTED OR SHREDDED
2041	FLOUR OR OTHER GRAIN PRODUCTS EXC. RICE SEE 2044 OR PREPARED FLOUR MIXES SEE 2045		

STCC HEADERS

20432	CEREALS, UNCOOKED	2047	DOG, CAT OR OTHER PET FOOD, NEC
2044	MILLED RICE, FLOUR OR MEAL	20471	DOG, CAT OR OTHER PET FOOD, NEC EXC. CANNED 20472
20441	RICE, CLEANED	20472	CANNED DOG, CAT OR OTHER PET FOOD, NEC
20442	RICE FLOUR, BRAN OR MEAL	205	BAKERY PRODUCTS
20443	BREWERS RICE	2051	BREAD OR OTHER BAKERY PRODUCTS EXC. BISCUITS, CRACKERS, PRETZELS OR OTHER DRY BAKERY SEE 2052
20449	MILLED RICE OR BY-PRODUCTS, NEC	20511	BREAD OR OTHER BAKERY PRODUCTS EXC. BISCUITS, CRACKERS, PRETZELS OR OTHER DRY BAKERY SEE 20521-20529
2045	BLENDED OR PREPARED EXC. MILLING FLOUR FROM GRAIN SEE 2041	2052	BISCUITS, CRACKERS OR PRETZELS
20451	PREPARED FLOUR ED, SELF-RISING)	20521	BISCUITS, CRACKERS OR PRETZELS
20452	PREPARED FLOUR MIXES PANCAKE, CAKE, BISCUIT, PIE CRUST MIXES, ETC.	20529	DRY BAKERY PRODUCTS, NEC
2046	WET CORN MILLING OR SORGHUM GRAIN (MILO) PRODUCTS, VIZ. OIL, STARCH, SUGAR, SYRUP OR SIMILAR PRODUCTS OR BY-PRODUCTS EXC. TABLE SYRUPS OR STARCH BASE DESSERT POW-see STCC 6001AA for full DESCRIPTION	206	SUGAR, BEET OR CANE
20461	CORN SYRUP	2061	SUGAR MILL PRODUCTS OR BY-PRODUCTS
20462	CORN STARCH	20611	RAW CANE OR BEET SUGAR
20463	CORN SUGAR	20616	SUGAR MOLASSES EXC. BLACKSTRAP SEE 20617
20464	DEXTRINE, CORN, TAPIOCA OR OTHER	20617	BLACKSTRAP MOLASSES
20465	CORN OIL	20618	BAGASSE
20466	STARCH (POTATO, WHEAT, RICE, ETC.) EXC. CORN 20462	20619	SUGAR MILL PRODUCTS OR BY-PRODUCTS, NEC
20467	WET PROCESS CORN OR LAR MILL BYPRODUCTS	2062	SUGAR, REFINED, CANE BEET
20469	WET PROCESS CORN MILLING OR SIMILAR MILL NEC	20621	SUGAR, GRANULATED OR POWDERED, SUGAR CUBES OR TABLETS

STCC HEADERS

20622	SUGAR, LIQUID OR SYRUP	20841	WINE, BRANDY OR BRANDY SPIRITS OR FRUIT SPIRITS
20625	SUGAR REFINING BY-PRODUCTS	2085	DISTILLED, RECTIFIED OR BLENDED LIQUORS EXC. BRANDY OR BRANDY SPIRITS SEE 2084
20626	MOLASSES BEET PULP	20851	DISTILLED, RECTIFIED OR BLENDED LIQUORS EXC. BRANDY, BRANDY SPIRITS FRUIT SPIRITS SEE 20841
20629	SUGAR, REFINED, CANE OR BEET, NEC	20859	BY-PRODUCTS OF LIQUOR DISTILLING
207	CONFECTIONERY OR RELATED PRODUCTS	2086	SOFT DRINKS OR OR MINERAL WATERS, BOTTLED, CANNED OR IN BULK EXC. DRINKING PLAIN OR SPRING WATERS SEE 1492
2071	CANDY OR OTHER CONFECTIONERY PRODUCTS	20861	SOFT DRINKS OR OR MINERAL WATERS, BOTTLED, CANNED OR IN BULK EXC. DRINKING PLAIN OR SPRING WATERS SEE 14921
20711	CANDY OR CANDY BARS, OR PACKAGED	2087	MISCELLANEOUS FLAVORING EXTRACTS, SYRUPS OR COMPOUNDS EXC. CHOCOLATE SYRUPS SEE 2071
20712	NUTS, COATED, COOKED, ROASTED OR SALTED	20871	MISCELLANEOUS FLAVORING EXTRACTS, SYRUPS OR COMPOUNDS EXC. CHOCOLATE SYRUPS SEE 20713
20713	CHOCOLATE OR COCOA PRODUCTS OR BYPRODUCTS	209	MISCELLANEOUS FOOD RATIONS OR KINDRED PRODUCTS
20714	CHEWING GUM	2091	COTTONSEED OIL OR DUCTS EXC. EDIBLE OILS SEE 2096 OR FATTY ACIDS SEE 2899
20719	CONFECTIONERY OR RELATED PRODUCTS, NEC	20911	COTTONSEED OIL, CRUDE OR REFINED EXC. EDIBLE OILS SEE 20961
208	BEVERAGES OR FLAVORING EXTRACTS		
2082	MALT LIQUORS		
20821	BEER, ALE, PORTER, STOUT OR OTHER FERMENTED MALT LIQUORS, IN BARRELS, BOTTLES, CANS OR KEGS		
20823	MALT EXTRACTS OR BREWERS SPENT GRAINS		
2083	MALT		
20831	MALT		
20832	MALT FLOUR OR SPROUTS		
20839	MALT PRODUCTS OR UCTS, NEC		
2084	WINES, BRANDY OR BRANDY SPIRITS		

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20914	COTTONSEED CAKE OR MEAL OR BY-PRODUCTS EXC. TON LINTERS OR REGINS SEE 20915 OR FATTY SEE 28994	2094	MARINE FATS OR OILS EXC. OILS FOR MEDICINAL PUR- POSES SEE 2831, FATTY ACIDS SEE 2899 OR FATTY ALCOHOLS SEE 2818
20915	COTTON LINTERS OR REGINS	20941	MARINE OIL MILL PRODUCTS
2092	SOYBEAN OIL OR BY-PROD- UCTS EXC. EDIBLE COOKING OILS SEE 2096 OR FATTY ACIDS SEE 2899	20942	MARINE OIL MILL BY-PROD- UCTS VIZ. MEAL, SCRAP OR TANKAGE
20921	SOYBEAN OIL, CRUDE OR REFINED EXC. EDIBLE ING OILS SEE 20961	2095	ROASTED COFFEE OR COFFEE
20923	SOYBEAN CAKE, FLOUR, GRITS, MEAL OR OTHER BY-PRODUCTS EXC. FATTY ACIDS SEE 28994	20951	ROASTED COFFEE OR COFFEE
2093	NUT OR VEGETABLE OILS OR BY-PRODUCTS EXC. CORN 2046, COTTONSEED SEE 2091, SOYBEAN SEE 2092, EDIBLE COOKING OILS SEE 2096, OILS FOR MEDICINAL USE SEE 2831 OR FATTY see STCC 6001AA for full DESCRIPTION	2096	MARGARINE, SHORTENING OR TABLE OILS OR OTHER EDI- BLE FATS OR OILS, NEC EXC. CORN OIL SEE 2046
20931	LINSEED OIL, CRUDE OR REFINED EXC. EDIBLE ING OILS SEE 20961	20961	SHORTENING OR COOKING OR SALAD OILS EXC. CORN OIL SEE 20465
20933	NUT OR VEGETABLE OILS EXC. CORN SEE 20465, COTTONSEED SEE 20911, SOYBEAN SEE 20921, LIN- SEED SEE 20931, EDIBLE COOKING OILS SEE 20961, OILS FOR MEDICINAL PUR- see STCC 6001AA for full DESCRIPTION	20962	MARGARINE
20939	NUT OR VEGETABLE OIL CAKE OR MEAL OR OTHER BY-PRODUCTS, NEC EXC. CORN SEE 20469, COTTON- SEED SEE 20914, SOYBEAN SEE 20923 OR FATTY ACIDS SEE 28994	2097	ICE, NATURAL OR MANUFAC- TURED
		20971	ICE, NATURAL OR MANUFAC- TURED
		2098	MACARONI, SPAGHETTI, VERMICELLI OR NOODLES OR PRODUCTS THEREOF, DRY EXC. CANNED SEE 2032
		20981	MACARONI, SPAGHETTI, VERMICELLI OR NOODLES OR PRODUCTS THEREOF, DRY EXC. CANNED SEE 20329
		2099	MISCELLANEOUS FOOD RATIONS, NEC
		20991	DESSERTS (READY TO MIX)
		20992	CHIPS (POTATO, CORN, ETC.)

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20993	SWEETENING SYRUPS OR MOLASSES	21411	TOBACCO, STEMMED OR REDRIED
20994	BAKING POWDER OR YEAST	21419	TOBACCO BY-PRODUCTS, LEAF
20995	MIXED LOADS OF FOOD OR KINDRED PRODUCTS, SEPARATE WEIGHTS, CON-	22	TEXTILE MILL PRODUCTS
	SISTING OF COMMODITIES NOT FOUND EXCLUSIVELY IN THE 203 GROUP	221	COTTON BROAD-WOVEN FAB- RICS
20996	CIDER OR VINEGAR	2211	COTTON BROAD-WOVEN FAB- RICS, INCLUDING FINISHED EXC. CARPETS, MATS OR RUGS SEE 2271-2272 OR TIRE CORD OR FABRICS SEE 2296
20997	SPICES		
20998	TEA OR INSTANT TEA		
20999	FOOD PREPARATIONS OR BY-PRODUCTS, NEC	22111	COTTON DUCK OR ALLIED FABRICS
21	TOBACCO PRODUCTS EXC. INSECTICIDES SEE 28	22112	COTTON SHEETINGS, UN- FINISHED (GRAY GOODS) OR OTHER ALLIED PRODUCTS
211	CIGARETTES		
2111	CIGARETTES	22113	COTTON OR CHIEFLY COTTON BLANKETS
21111	CIGARETTES EXC. CIGARETTES SEE 28311	22119	COTTON BROAD-WOVEN FAB- RICS, NEC, FINISHED, OR COTTON BROAD-WOVEN SPE- CIALTIES EXC. CARPETS, MATS OR RUGS SEE 22711 22721, OR TIRE CORD OR FABRICS SEE 22961
212	CIGARS		
2121	CIGARS		
21211	CIGARS		
213	CHEWING OR SMOKING TOBACCO, OR SNUFF	222	MAN-MADE FIBRE OR SILK BROAD-WOVEN FABRICS
2131	CHEWING OR SMOKING TOBACCO ORR SNUFF	2221	MAN-MADE OR GLASS FIBRE BROAD-WOVEN FABRICS, UDING FINISHED EXC. CAR-
21311	CHEWING TOBACCO		
21312	SMOKING TOBACCO		
21313	SNUFF		PETS, MATS OR RUGS SEE 2271 OR 2272, OR TIRE CORD OR FABRICS SEE 2296
214	STEMMED OR REDRIED TOBACCO	22211	MAN-MADE OR GLASS FIBRE BROAD-WOVEN FABRICS EXC. CARPETS, MATS OR RUGS 22711 OR 22721, OR TIRE CORD OR FABRICS SEE 22961
2141	STEMMED OR REDRIED TOBACCO		

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22213	MAN-MADE FIBRE BLANKETS, INCLUDING CHIEFLY MAN-MADE FIBRE	2271	WOVEN CARPETS, MATS OR RUGS, TEXTILE YARN
2222	SILK-WOVEN FABRICS, IN- CLUDING FINISHED EXC. CARPETS, MATS OR RUGS 2271 OR 2272, OR TIRE CORD OR FABRICS SEE	22711	WOVEN CARPETS, MATS OR RUGS, TEXTILE YARN
		2272	TUFTED CARPETS, RUGS OR MATS, TEXTILE FIBRE
22221	SILK-WOVEN FABRICS, IN- CLUDING FINISHED EXC. CARPETS, MATS OR RUGS 22711 OR 22721, OR TIRE CORD OR FABRICS SEE	22721	TUFTED CARPETS, RUGS OR MATS, TEXTILE FIBRE
		2279	CARPETS, MATS OR RUGS, NEC, ALL MATERIALS EXC. CORK SEE 2494, HARD SUR- FACE FLOOR COVERINGS SEE 3992 OR RUBBER SEE 3061
223	WOOL BROAD-WOVEN FABRICS		
2231	WOOL BROAD-WOVEN INCLUDING DYED OR FIN- ISHED EXC. CARPETS, MATS OR RUGS SEE 2271 OR 2272	22799	CARPETS, MATS OR RUGS, NEC, ALL MATERIALS EXC. ORK SEE 24941, HARD SUR- FACE FLOOR COVERINGS SEE 39921 OR RUBBER SEE
22311	WOOL BROAD-WOVEN INCLUDING DYED OR FIN- ISHED EXC. CARPETS, MATS OR RUGS SEE 22711 OR 22721, OR BLANKETS SEE 22313	228	THREAD OR YARN
		2281	YARN
22313	WOOL OR CHIEFLY WOOL BLANKETS	22811	COTTON YARN
		22813	WOOL THREAD OR YARN
224	NARROW FABRICS, COTTON, SILK OR WOOL, OR GLASS OTHER MAN-MADE FIBRES	22819	YARN, NEC EXC. HEMP, JUTE, LINEN OR RAMIE
2241	NARROW FABRICS, COTTON, SILK OR WOOL, OR GLASS OTHER MAN-MADE FIBRES	2284	THREAD EXC. HEMP, JUTE, LINEN OR RAMIE SEE 2299 R WOOL SEE 2281
22411	NARROW FABRICS, COTTON, SILK OR WOOL, OR GLASS OTHER MAN-MADE FIBRES	22841	THREAD EXC. HEMP, JUTE, LINEN OR RAMIE SEE 22999 OR WOOL SEE 22813
225	KNIT FABRICS	229	MISCELLANEOUS TEXTILE GOODS
2251	KNIT FABRICS	2291	FELT GOODS EXC. FELT SEE 2351 OR 2352, OR WO- VEN WOOL FELTS OR WOOL HAIRCLOTH SEE 2231
22511	KNIT FABRICS	22911	FELT GOODS EXC. FELT SEE 23511 OR 23521, OR WOVEN WOOL FELTS OR WOOL HAIRCLOTH SEE 22311
227	FLOOR COVERINGS EXC. SEE 249, HARD SURFACE FLOOR COVERINGS SEE 399 OR RUBBER SEE 306		

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2292	LACE GOODS, INCLUDING DYED OR FINISHED EXC. EMBROIDERIES SEE 2395	2296	CORD OR FABRICS, TIRE, FUEL CELL, INDUSTRIAL BELTING OR FOR SIMILAR USES
22921	LACE GOODS, INCLUDING DYED OR FINISHED EXC. EMBROIDERIES SEE 23951	22961	CORD OR FABRICS, TIRE, FUEL CELL, INDUSTRIAL BELTING OR FOR SIMILAR USES
2293	PADDINGS, UPHOLSTERY FILLINGS, BATTING OR DING EXC. EXPANDED PLAS- TICS SEE 3071, FOAM OR SPONGE RUBBER SEE 3061 WOOD EXCELSIOR PADS OR WRAPPERS SEE 2429	2297	WOOL OR MOHAIR, SCOURED, COMBED OR CARBONIZED, OR WOOL OR MOHAIR GREASE, NOILS, NUBS, TOPS OR SLUGS
22931	PADDINGS, UPHOLSTERY FILLINGS, BATTING OR DING EXC. EXPANDED PLAS- TICS SEE 30716, FOAM OR SPONGE RUBBER SEE 30613 OR WOOD EXCELSIOR PADS WRAPPERS SEE 24294	22971	WOOL OR MOHAIR, CARBON- IZED OR SCOURED
2294	TEXTILE WASTE, PROCESSED OR RECOVERED FIBRES OR FLOCK EXC. PA- CKING OR WIPING CLOTHS RAGS SEE 2299	22972	TOPS, ALL FIBRES, SED, COMBED OR CONVERTED
22941	TEXTILE WASTE, PROCESSED OR RECOVERED FIBRES OR FLOCK EXC. PACKING OR CLOTHS OR RAGS SEE	22973	TEXTILE FIBRES, LAPS, ILS, NUBS, ROVING, OR SLUBS, PREPARED FOR SPINNING, COMBED OR CON- VERTED
2295	ARTIFICIAL LEATHER, OIL- CLOTH OR OTHER COATED OR IMPREGNATED FABRICS, INCLUDING FINISHED, SUCH AS LAMINATED, METALIZED, VARNISHED, WATERPROOFED, WAXED, ETC. EXC. RUBBER- see STCCAA for full DESCRIPTION	22974	WOOL OR MOHAIR GREASE
22951	ARTIFICIAL LEATHER, OIL- CLOTH OR OTHER COATED OR IMPREGNATED FABRICS, INCLUDING FINISHED, SUCH AS LAMINATED, METALIZED, VARNISHED, WATERPROOFED, WAXED, ETC. EXC. RUBBER- see STCC 6001AA for full	2298	CORDAGE OR TWINE
		22981	CORDAGE OR TWINE
		2299	TEXTILE GOODS, NEC
		22991	BONDED FIBRE FABRICS FELTS, WOVEN SEE 22311 UNWOVEN SEE 22911
		22992	JUTE GOODS EXC. BAGS SEE 23931
		22994	PACKING OR WIPING CLOTHS OR RAGS (PROCESSED TEX- TILE WASTES)
		22995	VEGETABLE FIBRES EXC. COTTON SEE 20915 OR
		22999	TEXTILE GOODS, NEC

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23	APPAREL OR OTHER TEXTILE PRODUCTS OR KNIT APPAREL	2352	CAPS OR HATS OR HAT BOD- IES EXC. FUR SEE 2371 OR MILLINERY SEE 2351
231	MENS, YOUTHS OR BOYS CLOTHING OR UNIFORMS LEATHER OR SHEEP LINED, OR RAINCOATS SEE 238	23521	CAPS OR HATS OR HAT BOD- IES EXC. FUR SEE 23711 MILLINERY SEE 23511
2311	MENS, YOUTHS OR BOYS CLOTHING OR UNIFORMS LEATHER OR SHEEP LINED SEE 2386 OR RAINCOATS 2385	237	FUR GOODS EXC. SHEEP LINED CLOTHING SEE 238
23111	MENS, YOUTHS OR BOYS CLOTHING OR UNIFORMS LEATHER OR SHEEP LINED SEE 23861 OR RAINCOATS SEE 23851	2371	FUR GOODS EXC. SHEEP LINED CLOTHING SEE 2386
233	WOMENS, MISSES, OR INFANTS CLOTHING EXC. FUR SEE 237, RAINCOATS SEE 238 OR SURGICAL SEE 384	23711	FUR GOODS EXC. SHEEP LINED CLOTHING SEE 23861
2331	WOMENS, MISSES, OR INFANTS CLOTHING EXC. FUR SEE 2371, RAINCOATS SEE 2385 OR SURGICAL SEE 3842	238	MISCELLANEOUS APPAREL OR ACCESSORIES
23311	WOMENS, MISSES, OR INFANTS CLOTHING EXC. FUR SEE 23711, RAINCOATS SEE 23851 OR SURGICAL 38421	2381	GLOVES, MITTENS OR LIN- INGS, DRESS OR WORK EXC. ASBESTOS SEE 3292, ALL LEATHER SEE 3151, SEE 3071, RUBBER SEE OR FUR SEE 2371
235	CAPS, HATS OR MILLINERY OR HAT BODIES EXC. FUR SEE 237	23811	DRESS GLOVES, MITTENS OR LININGS EXC. ALL LEATHER SEE 31511, PLASTIC SEE 30719 OR FUR SEE 23711
2351	MILLINERY EXC. BRAIDS OR TRIMMINGS SEE 2396 OR SEE 2371	23812	WORK GLOVES OR MITTENS EXC. ASBESTOS SEE 32929, ALL LEATHER SEE 31511, PLASTIC SEE 30719 OR RUBBER SEE 30619
23511	MILLINERY EXC. BRAIDS OR TRIMMINGS SEE 23961 OR FUR SEE 23711	2384	ROBES OR DRESSING GOWNS EXC. CHILDRENS OR IN- FANTS SEE 2331
		23841	ROBES OR DRESSING GOWNS EXC. CHILDRENS OR SEE 23311
		2385	RAINCOATS OR OTHER WA- TERPROOF OUTER GARMENTS EXC. OILED FABRIC SEE 2311 OR VULCANIZED SEE 3061

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23851	RAINCOATS OR OTHER PROOF OUTER GARMENTS OILED FABRIC SEE 23111 VULCANIZED RUBBER SEE 30619	23924	TABLECLOTHS OR NAPKINS RELATED ARTICLES ROIDERED SEE 23951 OR LACE SEE 22921
2386	LEATHER OR SHEEP LINED CLOTHING EXC. LEATHER GLOVES OR MITTENS SEE 3151, FUR GARMENTS SEE 2371	23925 23926	PILLOWS MOPS OR DUSTERS
23861	LEATHER OR SHEEP LINED CLOTHING EXC. LEATHER GLOVES OR MITTENS SEE 31511, FUR GARMENTS SEE 23711	23927 23928 23929	SLIP COVERS EXC. EMBROI- DERED SEE 239511 COMFORTERS OR QUILTS EMBROIDERED SEE 23951 TEXTILE
2387 23871 2389 23891	APPAREL BELTS APPAREL BELTS APPAREL, NEC APPAREL, NEC	2393 23931	NEC EXC. EMBROIDERED SEE 23951 OR LACE SEE 22921 TEXTILE BAGS EXC. OR LAUNDRY SEE 2392 OR PLASTIC SEE 2643 TEXTILE BAGS EXC. OR LAUNDRY SEE 23929 OR PLASTIC SEE 26431
239	MISCELLANEOUS FABRICATED TEXTILE PRODUCTS	2394	CANVAS PRODUCTS EXC. SEE 2393
2391	CURTAINS OR DRAPERIES EXC. LACE CURTAINS	23941	TENTS
23911	WINDOW CURTAINS EXC. SEE 22921	23942 23943	AWNINGS OR SHADES TARPAULINS
23912	DRAPERIES OR TAPESTRIES	23944	SAILS
2392	TEXTILE HOUSEFURNISHINGS EXC. CURTAINS, DRAPERIES OR TAPESTRIES SEE 2391, EMBROIDERED SEE 2395 OR LACE SEE 2292	23949 2395	CANVAS PRODUCTS, NEC BAGS SEE 23931 TEXTILE PRODUCTS, PLEAT- ED, QUILTED, DECORATIVE OR NOVELTY STITCHED, OR RUFFLED OR UCKED
23921	BEDSPREADS OR BED SETS EXC. EMBROIDERED SEE 23951 OR LACE SEE 22921	23951	TEXTILE PRODUCTS, OR QUILTED, INCLUDING
23922	SHEETS OR PILLOWCASES EXC. EMBROIDERED SEE 23951		EMBROIDERED, DECORATIVE OR NOVELTY STITCHED, OR RUFFLED OR TUCKED
23923	TOWELS OR WASHCLOTHS EMBROIDERED SEE 23951		

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2396	APPAREL FINDINGS, TEXTILE, OR RELATED PRODUCTS, OR AUTOMOTIVE MINGS	24116	WOOD POSTS, POLES OR PILING
23961	APPAREL FINDINGS, TEXTILE, OR RELATED PRODUCTS, OR AUTOMOTIVE MINGS	24117	FUELWOOD, HOGFUEL OR CORDWOOD
2399	FABRICATED TEXTILE PRODUCTS, NEC	24118	WOOD MINE PROPS OR MINE TIMBERS
23991	AUTOMOBILE SEAT COVERS	24119	PRIMARY FOREST OR WOOD RAW MATERIALS, NEC EXC. FROM SAWMILLS SEE 24211-24299, FROM OR VENEER MILLS SEE 24321, FROM PULP MILLS SEE 26111 OR see STCC 6001AA for full DESCRIPTION
23993	SLEEPING BAGS	242	SAWMILL OR PLANING MILL PRODUCTS EXC. BOX SHOOKS OR BOXES SEE 244, MILLWORK, PLYWOOD OR VENEER SEE 243 OR TEXTILE MACHINERY WOOD SHAPES OR TURNINGS SEE 355
23994	PARACHUTES		
23999	FABRICATED TEXTILE PRODUCTS, NEC		
24	LUMBER OR WOOD PRODUCTS EXC. FURNITURE SEE 25		
241	PRIMARY FOREST OR WOOD RAW MATERIALS VIZ. LOGS, PILING, POSTS, PULPWOOD, WOOD CHIPS, EXC. FROM SAWMILLS SEE 242, FROM PLYWOOD OR VENEER MILLS SEE 243, see STCC 6001AA for full DESCRIPTION	2421	LUMBER OR DIMENSION EXC. BOX SHOOKS OR BOXES SEE 2441, MILLWORK SEE 2431, PLYWOOD OR VENEER SEE 2432 OR TEXTILE MACHINERY WOOD SHAPES OR TURNINGS SEE 3552
2411	PRIMARY FOREST OR WOOD RAW MATERIALS VIZ. LOGS, PILING, POSTS, PULPWOOD, WOOD CHIPS, ETC.	24211	LUMBER, ROUGH OR OR SOFTWOOD CUT STOCK OR FLOORING
24111	SAWLOGS	24212	SAWED TIES (RAILROAD, MINE, ETC.)
24112	HEWN RAILROAD OR MINE TIES	24214	HARDWOOD DIMENSION STOCK OR FURNITURE PARTS OR VEHICLE STOCK
24113	SHORT LOGS OR WOOD BOLTS	24215	HARDWOOD FLOORING
24114	PULPWOOD LOGS	24219	LUMBER OR DIMENSION STOCK, NEC
24115	PULPWOOD OR OTHER WOOD CHIPS	2429	MISCELLANEOUS SAWMILL OR PLANING MILL PRODUCTS, VIZ. SHINGLES, COOPERAGE STOCK, ETC.

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24291	SHINGLES	24321	PLYWOOD OR VENEER OR BUILT-UP WOOD EXC. PLYWOOD OR VENEER CONTAINERS SEE 24411-24414, HARDBOARD SEE 24993 OR WOOD PARTICLE BOARD SEE 24996
24292	COOPERAGE STOCK		
24293	SHAVINGS OR SAWDUST		
24294	EXCELSIOR, BALED OR		
24299	SAWMILL OR PLANING MILL PRODUCTS, NEC EXC. BOX SPRINGS OR BOXES SEE 24416, MILLWORK SEE 24311-24319, PLYWOOD OR VENEER SEE 24321 OR TEXTILE MACHINERY WOOD see STCC 6001AA for full DESCRIPTION	2433	PREFABRICATED WOODEN BUILDINGS OR PANELS OR SECTIONS
243	MILLWORK OR WOOD PRODUCTS OR PLYWOOD OR VENEER	24332	PREFABRICATED BUILDINGS, WOOD
2431	MILLWORK OR CABINETWORK, TO BE BUILT IN EXC. COVERED SEE 3442 OR PREFABRICATED STRUCTURAL WOOD PRODUCTS SEE 2433 2439	24333	READY-CUT WOOD BUILDINGS OR PANELS OR SECTIONS PREFABRICATED BUILDINGS
24311	WINDOW UNITS, WOOD	2434	KITCHEN CABINETS, WOOD
24312	WINDOW SASH OR COMBINATION SCREEN AND STORM SASH, WOOD EXC. WINDOW SCREENS, WOOD FRAMED	24341	KITCHEN CABINETS, WOOD
24313	WINDOW OR DOOR FRAMES OR JAMS, WOOD	2439	STRUCTURAL WOOD NEC
24314	DOORS OR SHUTTERS OR UNITS, WOOD	24391	PREFABRICATED STRUCTURAL MEMBERS OR WOOD
24316	WOOD MOULDINGS	244	WOODEN CONTAINERS
24319	MILLWORK, NEC, OR CABINETWORK, TO BE BUILT IN EXC. METAL COVERED SEE 34421-34425 OR ATED STRUCTURAL WOOD PRODUCTS SEE 24332-24391	2441	WOODEN CONTAINERS OR BOX SHOOKS
2432	PLYWOOD OR VENEER OR BUILT-UP WOOD EXC. PLYWOOD OR VENEER SEE 2441 OR WOOD BOARD OR HARDBOARD SEE 2499	24411	BOXES, CASES, CRATES OR CARRIERS EXC. ANIMAL OR POULTRY
		24412	CARRIERS, COOPS OR CRATES, ANIMAL OR
		24413	FRUIT OR VEGETABLE BASKETS OR HAMPERS OR TILL BOXES OR BASKETS
		24414	BASKETS OR HAMPERS EXC. AMBULANCE OR UNDERTAKER SEE 39941, BAIT OR FISH SEE 39491, FRUIT OR TABLE SEE 24413 OR TOY SEE 39411
		24415	COOPERAGE

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24416	BOX SHOOKS	24931	LASTS OR RELATED PRODUCTS, ALL MATERIALS
24419	WOODEN CONTAINERS, NEC, OR CONTAINER NEC	2494	CORK PRODUCTS
249	MISCELLANEOUS WOOD PRODUCTS EXC. CONTAINERS SEE 244	24941	CORK PRODUCTS
2491	TREATED WOOD PRODUCTS, CREOSOTED, OR TREATED WITH OTHER PRESERVATIVES	2495	HAND TOOL HANDLES
		24951	HAND TOOL HANDLES
		2496	SCAFFOLDING EQUIPMENT OR LADDERS
		24961	SCAFFOLDING EQUIPMENT
24911	WOOD PILING, POSTS, OR TIMBERS, ETC. , CREOSOTED, OR TREATED WITH OTHER PRESERVATIVES	24962	LADDERS OR LADDER PARTS
		2497	WOODEN WARE, NOVELTIES FLATWARE
24912	TIES, MINE, RAILROAD, ETC., CREOSOTED, OR TREATED WITH OTHER PRESERVATIVES	24971	WOODEN WARE
		24972	WOODEN NOVELTIES OR WARE
24913	LUMBER, CREOSOTED OR TREATED WITH OTHER PRESERVATIVES	2498	WOOD PRODUCTS, NEC EXC. CONTAINERS SEE 2441
24914	PLYWOOD, VENEER OR BUILT-UP WOOD, CREOSOTED OR TREATED WITH OTHER PRESERVATIVES	24981	POLES, RODS OR STAKES, FINISHED
24919	TREATED WOOD PRODUCTS, NEC, CREOSOTED, OR TREATED WITH OTHER PRESERVATIVES	24982	BILLBOARDS OR SIGN OR RELATED ARTICLES
		24983	SEATS, BATHTUB OR OR LAUNDRY TUB COVERS, - RADIATOR COVERS OR GUARDS, SINK DRAIN OR RELATED ARTICLES
2492	RATTAN, BAMBOO OR WARE EXC. FURNITURE SEE 25, BASKETS OR HAMPERS SEE 2441	24985	BOTTLE STOPPERS, ICE CREAM STICKS, PAINT PADDLES OR PENCIL SLATS
		24987	QUILTING FRAMES OR CURTAIN STRETCHERS
24921	RATTAN, BAMBOO OR WARE EXC. FURNITURE SEE 25, BASKETS OR HAMPERS SEE 24413 OR 24414	24988	BOARDS OR TABLES, IRONING
2493	LASTS OR RELATED PRODUCTS, ALL MATERIALS	2499	WOOD PRODUCTS, NEC EXC. CONTAINERS SEE 2441

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24992	SKIDS, PALLETS OR PLAT- FORMS EXC. METAL SEE 35373	2513	DAVENPORTS, SOFAS, ES, LOVE SEATS OR SETTE- ES, HOUSEHOLD OR OFFICE
24993	HARDBOARD	25131	DAVENPORTS, SOFAS, ES, LOVE SEATS OR SET- TEES, HOUSEHOLD OR
24994	MASTS, SPARS OR OARS, WOODEN, OR RELATED BOAT ACCESSORIES	2514	BUFFETS, SERVERS OR OR CORNER CLOSETS, HOLD
24995	PIPE, CONDUIT, OR FIT- TINGS, WOODEN	25141	BUFFETS, SERVERS, CHINA OR CORNER CLOSETS, HOLD
24996	WOOD PARTICLE BOARD	2515	BEDSPRINGS OR FOR ALL PURPOSES
24997	FENCING OR GATES, WOOD	25151	BED OR BOX SPRINGS, OR MATTRESSES, OR ASSEMBLED SPRINGS OR SPRING CUSH- IONS EXC. AUTO SEATS OR BACKS SEE 25312 OR PAD- DING OR UPHOLSTERY FILL- INGS SEE 22931
24998	WOOD REELS OR SPOOLS TEXTILE MACHINERY SPOOLS SEE 35522	25153	CHAIR OR SOFA BEDS, OR STUDIO COUCHES, OR CON- VERTIBLE SOFAS
24999	WOOD PRODUCTS, NEC EXC. CONTAINERS SEE 24411-24414 OR 24419	2516	BEDS, DRESSERS, CHESTS DRAWERS OR VANITIES, HOUSEHOLD OR OFFICE EXC.
25	FURNITURE OR FIXTURES	25161	HOSPITAL BEDS SEE 2599 BEDS, DRESSERS, CHESTS DRAWERS OR VANITIES, HOUSEHOLD OR OFFICE EXC. HOSPITAL BEDS SEE 25991
251	HOUSEHOLD OR OFFICE FUR- NITURE EXC. CONCRETE SEE 327, STONE SEE 328 OR TERRA COTTA SEE 326	2517	CABINETS OR CASES, HOLD OR OFFICE EXC. CABINETS SEE 2514, Y CASESSEE 2541 OR 2542 R WOOD KITCHEN CABINETS EE 2434
2511	BENCHES, CHAIRS, ROCKERS OR STOOLS, HOUSEHOLD OR OFFICE EXC. CONCRETE SEE 3271, STONE SEE 3281 OR TERRA COTTA SEE 3269	25171	RADIO, PHONOGRAPH OR TELEVISION CABINETS
25111	BENCHES, CHAIRS, ROCKERS OR STOOLS, HOUSEHOLD OR OFFICE EXC. CONCRETE SEE 32719, STONE SEE 32819 TERRA COTTA SEE 32699		
2512	TABLES OR DESKS, HOUSE- HOLD OR OFFICE EXC. CON- CRETE SEE 3271, STONE 3281 OR TERRA COTTA SEE 3269		
25121	TABLES OR DESKS, HOUSE- HOLD OR OFFICE EXC. CON- CRETE SEE 32719, STONE SEE 32819 OR TERRA COTTA SEE 32699		

STCC HEADERS

25173	FILING CABINETS OR CASES	25319	PUBLIC BUILDING FURNITURE, NEC EXC. CONCRETE SEE 32719, STONE SEE 32819 OR TERRA COTTA SEE 32699
25174	KITCHEN CABINETS EXC. WOOD SEE 24341		
25179	CABINETS, NEC, OR CASES, NEC, HOUSEHOLD OR OFFICE EXC. CHINA CABINETS SEE 25141, DISPLAY CASES SEE 25411 OR 25421, OR EN CABINETS SEE 24341 OR 25174	254	LOCKERS, PARTITIONS OR SHELVING OR OFFICE OR RE FIXTURES
2518	INFANTS OR CHILDRENS FURNITURE	2541	WOOD LOCKERS, PARTITIONS OR SHELVING OR OFFICE OR STORE FIXTURES EXC. REFRIGERATED CABINETS, CASES OR LOCKERS SEE 25411
25181	INFANTS OR CHILDRENS FURNITURE		OR SHELVING OR OFFICE OR STORE FIXTURES EXC. REFRIGERATED CABINETS, CASES OR LOCKERS SEE 35853
2519	HOUSEHOLD OR OFFICE FURNITURE, NEC EXC. SEE 3271, STONE SEE 3281 OR TERRA COTTA SEE 3269	25411	WOOD LOCKERS, PARTITIONS OR SHELVING OR OFFICE OR STORE FIXTURES EXC. REFRIGERATED CABINETS, CASES OR LOCKERS SEE 35853
25199	HOUSEHOLD OR OFFICE FURNITURE, NEC EXC. SEE 32719, STONE SEE 32819 OR TERRA COTTA SEE 32699	2542	METAL LOCKERS, OR SHELVING OR OFFICE OR STORE FIXTURES EXC. REFRIGERATED CABINETS, CASES OR LOCKERS SEE 3585, OR SAFES OR VAULTS SEE 3492
253	PUBLIC BUILDING OR ED FURNITURE EXC. CONCRETE SEE 327, STONE SEE 328 OR TERRA COTTA SEE 326	25421	METAL LOCKERS, OR SHELVING OR OFFICE OR STORE FIXTURES EXC. REFRIGERATED CABINETS, CASES OR LOCKERS SEE 35853, OR SAFES OR SEE 34921
2531	PUBLIC BUILDING OR ED FURNITURE EXC. CONCRETE SEE 3271, STONE 3281 OR TERRA COTTA SEE 3269	259	MISCELLANEOUS FURNITURE OR FIXTURES EXC. SEE 327, STONE SEE 328 TERRA COTTA SEE 326
25311	SCHOOL FURNITURE		
25312	SEATS FOR PUBLIC CONVEYANCES VIZ. AIRCRAFT, AUTOMOBILE, RAILROAD TRUCK OR SCHOOL BUS	2591	VENETIAN BLINDS, SHADES, AWNINGS, CURTAIN RODS OR ACCESSORIES EXC. CANVAS AWNINGS OR SHADES SEE 2394
25314	SEATS, AUDITORIUM, BLEACHER, CIRCUS, STADIUM OR THEATRE		

STCC HEADERS

25911	VENETIAN BLINDS, SHADES, AWNINGS, CURTAIN RODS OR ACCESSORIES EXC. CANVAS AWNINGS OR SHADES SEE 23942	26214	WRAPPING PAPER, OR COARSE PAPER
2599	FURNITURE OR FIXTURES, N.E.C. EXC. CONCRETE SEE 3271, STONE SEE 3281 OR TERRA COTTA SEE 3269	26217	SPECIAL INDUSTRIAL PAPER OR PAPER CAR LINERS
25991	HOSPITAL BEDS	26218	SANITARY TISSUE STOCK
25999	FURNITURE OR FIXTURES, NEC, OR RESTAURANT FURNITURE EXC. TABLE ARM CHAIRS SEE 25311, DEN-	26219	PAPER, NEC EXC. BUILDING PAPER SEE 26611-26619
26	PULP, PAPER OR ALLIED PRODUCTS	263	FIBREBOARD, PAPERBOARD PULPBOARD EXC. BUILDING INSULATING BOARD SEE 266
261	PULP OR PULP MILL PRODUCTS	2631	FIBREBOARD, PAPERBOARD PULPBOARD EXC. BUILDING INSULATING BOARD SEE 26311
2611	PULP OR PULP MILL PRODUCTS	26311	FIBREBOARD, PAPERBOARD PULPBOARD EXC. BUILDING INSULATING BOARD SEE 26611-26619
26111	PULP	264	CONVERTED PAPER OR BOARD PRODUCTS EXC. CONTAINERS OR BOXES SEE 265
26112	PULP MILL BY-PRODUCTS	2642	ENVELOPES EXC. SEE 2649
262	PAPER EXC. BUILDING SEE 266	26421	ENVELOPES EXC. SEE 26491
2621	PAPER EXC. BUILDING SEE 2661	2643	PAPER BAGS
26211	NEWSPRINT	26431	PAPER BAGS
26212	GROUND WOOD PAPER, UNCOATED	2644	WALLPAPER
26213	PRINTING PAPER, COATED UNCOATED, COATED GROUNDWOOD PAPER, GROUNDWOOD PAPER CONTAINING LESS THAN 60 PERCENT GROUNDWOOD, COATED OR OR WRITING PAPER	26441	WALLPAPER
		2645	DIE-CUT PAPER OR PAPERBOARD PRODUCTS OR CARDBOARD
		26451	OFFICE SUPPLIES
		26452	COATED PAPERBOARD
		26453	CLOSURES, FOR BOTTLES, CANS OR JARS VIZ. CAPS, COVERS, TOPS, ETC.

STCC HEADERS

26459	DIE-CUT PAPER PRODUCTS, NEC, OR PAPERBOARD PROD- UCTS OR CARDBOARD, NEC	26511	CONTAINERS OR BOXES, PAPERBOARD, FIBREBOARD PULPBOARD EXC. BUTTER, FROZEN FOOD, ICE CREAM MARGARINE BOXES OR CON- TAINERS SEE 26542-26549
2646	PRESSED OR MOLDED PULP GOODS		
26461	BITUMINOUS FIBRE PIPE, SEWER OR DRAINAGE OR CONDUIT OR FITTINGS	26514	BASKETS, HAMPERS OR TILL BOXES, PAPERBOARD OR FIBREBOARD
26462	EGG CARTONS, CASES OR RELATED ARTICLES	26515	PALLETS, SKIDS OR PLAT- FORMS, PAPERBOARD
26469	PRESSED OR MOLDED PULP GOODS, N. E. C.	2654	SANITARY FOOD CONTAINERS
2647	SANITARY PAPER PRODUCTS	26542	BOTTLES OR CARTONS OR OTHER LIQUID-TIGHT FOOD CONTAINERS
26471	SANITARY TISSUES OR HEALTH PRODUCTS		
26472	SANITARY OR COTTON SANI- TARY NAPKINS OR TAMPONS	26543	PAPER, FIBREBOARD, BOARD OR PULPBOARD CANS, COVERS, CUPS, PAILS, STRAWS OR TUBS
2649	MISCELLANEOUS CONVERTED PAPER OR PAPERBOARD UCTS	26545	PAPER PLATES, DISHES, FORKS, SPOONS OR RELATED ARTICLES
26491	STATIONERY OR STATIONERY ENVELOPES, TABLETS OR RELATED ARTICLES	26549	SANITARY FOOD NEC
26492	WRAPPING PRODUCTS (GIFT WRAP, ETC.)	2655	FIBRE CANS, DRUMS OR TUBES OR SIMILAR EXC. SANITARY FOOD CON- TAINERS SEE 2654
26495	BUSINESS MACHINE		
26497	PACKING CUSHIONS, LINERS OR RELATED ARTI- CLES	26551	FIBRE CANS, DRUMS OR TUBES OR SIMILAR EXC. SANITARY FOOD CON- TAINERS SEE 26542-26549
26499	CONVERTED PAPER NEC, OR PAPERBOARD PROD- UCTS, NEC	266	BUILDING PAPER OR BUILD- ING BOARD
265	CONTAINERS OR BOXES, PAPERBOARD, FIBREBOARD PULPBOARD	2661	BUILDING PAPER OR BUILD- ING BOARD
2651	CONTAINERS OR BOXES, PAPERBOARD, FIBREBOARD PULPBOARD EXC. BUTTER, FROZEN FOOD, ICE CREAM MARGARINE BOXES OR CON- TAINERS SEE 2654	26611	INSULATING BOARD
		26612	CONSTRUCTION PAPER

STCC HEADERS

26613	WALLBOARD EXC. HARDBOARD SEE 24993	276	MANIFOLD BUSINESS FORMS
26614	INSULATING MATERIAL EXC. INSULATING BOARD SEE 26611	2761 27611	MANIFOLD BUSINESS FORMS MANIFOLD BUSINESS FORMS
26615	CONSTRUCTION PANELS, PARTITIONS, SIDING OR FORMS	277	GREETING CARDS, SEALS, LABELS OR TAGS
26619	BUILDING PAPER OR BUILD- ING BOARD, NEC	2771	GREETING CARDS, SEALS, LABELS OR TAGS
27	PRINTED MATTER	27711	GREETING CARDS, SEALS, LABELS OR TAGS
271	NEWSPAPERS	278	BLANKBOOKS, LOOSE LEAF BINDERS OR DEVICES
2711	NEWSPAPERS	2781	BLANKBOOKS, LOOSE LEAF BINDERS OR DEVICES
27111	NEWSPAPERS	27811	BLANKBOOKS, PADS OR TAB- LETS
272	PERIODICALS	27812	LOOSE LEAF BINDERS OR DEVICES
2721	PERIODICALS		
27211	PERIODICALS		
273	BOOKS	279	SERVICE INDUSTRIES FOR PRINTING TRADES
2731	BOOKS	2791	SERVICE INDUSTRIES FOR PRINTING TRADES
27311	BOOKS		
274	MISCELLANEOUS PRINTED MATTER	27911	SERVICE INDUSTRIES FOR PRINTING TRADES, INCLUD- ING ELECTROTYPE, ENGRAV- ERS, LITHOGRAPHIC OR STEREOTYPE PLATES, SHELLS, BLOCKS OR BARS
2741	MISCELLANEOUS PRINTED MATTER		
27411	CATALOGUES, DIRECTORIES, BUSINESS SERVICE TIONS OR ADVERTISING MATERIALS	28	CHEMICALS OR ALLIED PRODUCTS
27415	CARDS OR TICKETS EXC. GREETING CARDS SEE 27711	281	INDUSTRIAL INORGANIC OR ORGANIC CHEMICALS EXC. PESTICIDES SEE 287, DRUGS, MEDICINAL CHEMI- CALS OR MEDICINES SEE 283, NAVAL STORES OR DISTILLATION PRODUCTS see STCC 6001AA for full DESCRIPTION
27417	LABELS, SEALS, TAGS OR WRAPPERS EXC. GOVERNMENT STAMP SEE 27419 OR ING SEE 27711		
27419	PRINTED MATTER, NEC, OR BLUEPRINTS, BUILDING PLANS OR COMMERCIAL DE- SIGNS		

STCC HEADERS

2812	POTASSIUM OR SODIUM COM- POUNDS OR OTHER BASIC INORGANIC COMPOUNDS OR CHLORINE	28141	CRUDE PRODUCTS FROM COAL TAR, NATURAL GAS OR PE- TROLEUM EXC. ASPHALT, PITCHES OR TAR SEE 29116
28121	INORGANIC BLEACHING COM- POUNDS EXC. CHLORINE SEE 28128	2815	CYCLIC INTERMEDIATES OR DYES OR ORGANIC PIGMENTS (LAKES OR TONERS)
28122	SODIUM ALKALIES	28151	CYCLIC INTERMEDIATES BENZENE, TOLUENE, NAPH- THALENE, ANTHRACENE, PYRIDINE, CARBAZOLE OR OTHER CYCLIC CHEMICAL PRODUCTS
28123	SODIUM COMPOUNDS EXC. SODIUM ALKALIES SEE	28152	CYCLIC INTERMEDIATES BENZENE, TOLUENE, NAPH- THALENE, ANTHRACENE, PYRIDINE, CARBAZOLE OR OTHER CYCLIC CHEMICAL PRODUCTS (SEE ALSO
28124	POTASSIUM ALKALIES	28156	ORGANIC DYES
28125	POTASSIUM COMPOUNDS EXC. POTASSIUM ALKALIES SEE 28124	28158	ORGANIC PIGMENTS (LAKES OR TONERS)
28126	BARIUM, CALCIUM, MAGNE- SIUM OR STRONTIUM COM- POUNDS EXC. BLEACHES SEE 28121 OR 28422	2816	INORGANIC PIGMENTS EXC. BLACKS SEE 2899 OR IC COLOR PIGMENTS SEE 2815
28128	CHLORINE	28161	TITANIUM PIGMENTS
28129	ALKALIES, NEC	28162	LEAD PIGMENTS
2813	INDUSTRIAL GASES, COM- PRESSED, LIQUEFIED OR SOLID EXC. CHEMICAL WAR- FARE GASES SEE 2818, AMMONIA OR FLUORINE SEE 2819 OR CHLORINE SEE	28163	ZINC PIGMENTS
28132	ACETYLENE	28169	INORGANIC PIGMENTS, NEC EXC. BLACKS SEE 28996 OR ORGANIC COLOR PIGMENTS SEE 28158
28133	CARBON DIOXIDE	2818	INDUSTRIAL ORGANIC CHEMI- CALS, NEC EXC. GRAIN ALCOHOL FOR BEVERAGE PURPOSES SEE 2085, ESSENTIAL OILS OR FATTY ACIDS SEE 2899, ORGANIC DYES SEE 2815, PAINTS OR- SEE STCC 6001AA FOR FULL DESCRIPTION
28134	ELEMENTAL GASES		
28139	INDUSTRIAL GASES, NEC, COMPRESSED, SOLID OR LIQUEFIED EXC. CHEMICAL WARFARE GASES SEE 28188, AMMONIA OR AMMONIA COM- POUNDS SEE 28191 OR 28198, CHLORINE SEE see STCC 6001AA for full DESCRIPTION		
2814	CRUDE PRODUCTS FROM COAL TAR, NATURAL GAS OR PE- TROLEUM EXC. ASPHALT, PITCHES OR TAR SEE 2911		

STCC HEADERS

28180	MISCELLANEOUS ACYCLIC ORGANIC CHEMICAL (SEE ALSO 28181 AND 28182) EXC. ORGANIC DYES SEE 28156	28190	INDUSTRIAL INORGANIC CHEMICALS, NEC (SEE ALSO 28199) EXC. MINING, ING OR OTHERWISE PREPARING NATURAL BORON, OR POTASSIUM COMPOUNDS SEE 14713, OR HOUSEHOLD see STCC 6001AA for full DESCRIPTION
28181	MISCELLANEOUS ACYCLIC ORGANIC CHEMICAL EXC. ORGANIC DYES SEE 28156	28191	AMMONIA OR AMMONIUM COMPOUNDS EXC. ANHYDROUS AMMONIA SEE 28198
28182	MISCELLANEOUS ACYCLIC ORGANIC CHEMICAL EXC. ORGANIC DYES SEE 28156	28192	NITRIC ACID
28183	MISCELLANEOUS CYCLIC CHEMICAL PRODUCTS	28193	SULPHURIC ACID
28184	ALCOHOLS	28194	INDUSTRIAL INORGANIC ACIDS EXC. NITRIC SEE 28192, OR SULPHURIC SEE 28193
28185	GLYCOLS OR GLYCERINES	28195	COBALT, COPPER, IRON, NICKEL OR ZINC COMPOUNDS
28186	ORGANIC ACIDS OR SALTS EXC. ACID DYES SEE 28151-28158, OR FATTY ACIDS SEE 28994	28196	ALUMINUM COMPOUNDS
28187	MISCELLANEOUS ACYCLIC INORGANIC PRODUCTS (SEE ALSO 28180, 28181, EXC. ORGANIC DYES SEE 28156	28197	RADIO-ACTIVE OR NUCLEAR CHEMICALS
28188	CHEMICAL WARFARE GASES	28198	ANHYDROUS AMMONIA
28189	INDUSTRIAL ORGANIC CALS, NEC EXC. GRAIN ALCOHOL FOR BEVERAGE PURPOSES SEE	28199	INDUSTRIAL INORGANIC CHEMICALS, NEC EXC. MINING, MILLING OR PREPARING NATURAL BORON, SODIUM OR POTASSIUM COMPOUNDS SEE 14713, OR HOUSEHOLD BLEACHES SEE see STCC 6001AA for full DESCRIPTION
2819	INDUSTRIAL INORGANIC CHEMICALS, NEC EXC. MINING, MILLING OR PREPARING NATURAL BORON, SODIUM OR POTASSIUM COMPOUNDS SEE 1471, OR HOUSEHOLD BLEACHES SEE see STCC 6001AA for full	282	PLASTIC MATERIALS OR SYNTHETIC FIBRES, RESINS OR RUBBER EXC. GLASS SEE 322, PLASTIC OR RUBBER PRODUCTS SEE 30 OR KNITTING, SPINNING, THROWING OR WEAVING FIBRES SEE 22
		2821	PLASTIC MATERIALS OR SYNTHETIC FIBRES, RESINS, RUBBERS OR IZABLE ELASTOMERS EXC.

STCC HEADERS

28211	PLASTIC MATERIALS OR SYNTHETIC RESINS OR NON-VULCANIZABLE ELASTOMERS EXC. FABRICATED PLASTIC PRODUCTS SEE 30711-30719	2842	FABRICATED OR RUBBER PRODUCTS SEE 3061 OR OR GLASS FIBRES SEE 3229 SPECIALTY CLEANING, POLISHING OR SANITATION PREPARATIONS, OR HOUSEHOLD BLEACHES EXC. SOAP OR DETERGENTS SEE 2841 PESTICIDAL PREPARATIONS SEE 2879
28212	SYNTHETIC RUBBERS (NON-VULCANIZABLE ELASTOMERS) EXC. FABRICATED RUBBER PRODUCTS SEE 30611-30619	28422	SPECIALTY CLEANING, POLISHING OR SANITATION PREPARATIONS, OR HOUSEHOLD BLEACHES EXC. PESTICIDAL PREPARATIONS SEE 28799
28213	SYNTHETIC FIBERS EXC. GLASS SEE 32293	28423	WAXES OR POLISHING RATIONS OR RELATED PRODUCTS
283	DRUGS (BIOLOGICAL OR BOTANICAL PRODUCTS) (MEDICINAL CHEMICALS OR PHARMACEUTICAL PREPARATIONS)	2843	SURFACE ACTIVE OR CLEANING AGENTS, SULFONATED OILS OR ASSISTANTS
2831	DRUGS (BIOLOGICAL OR BOTANICAL PRODUCTS) (MEDICINAL CHEMICALS OR PHARMACEUTICAL PREPARATIONS)	28431	SURFACE ACTIVE OR CLEANING AGENTS, SULFONATED OILS OR ASSISTANTS
28311	DRUGS FOR HUMAN USE	2844	COSMETICS, PERFUMES OR OTHER TOILET EXC. ESSENTIAL OILS SEE 2899, OR SYNTHETIC FLAVORING OR PERFUME MATERIALS SEE 2818
28312	DRUGS FOR VETERINARY USE	28441	COSMETICS, PERFUMES OR OTHER TOILET EXC. ESSENTIAL OILS SEE 28999, OR SYNTHETIC FLAVORING OR PERFUME MATERIALS SEE 28189
284	SOAP OR OTHER CLEANING PREPARATIONS, COSMETICS, PERFUMES OR OTHER TOILET	285	PAINTS, ENAMELS, LACQUERS, SHELLACS OR VARNISHES, OR ALLIED PRODUCTS EXC. BONE, CARBON LAMP BLACKS, CALKING COMPOUNDS OR PRINTERS SEE 289, INORGANIC OR
2841	SOAP OR OTHER DETERGENTS EXC. SPECIALTY CLEANERS SEE 2842, SHAMPOOS OR SHAVING PRODUCTS SEE 2841 OR SYNTHETIC GLYCERIN SEE 2818	28411	see STCC 6001AA for full DESCRIPTION
28411	SYNTHETIC ORGANIC DETERGENTS EXC. SYNTHETIC GLYCERIN SEE 28185	28419	SOAP OR OTHER DETERGENTS EXC. SHAMPOOS OR SHAVING PRODUCTS, SEE 28441, SPECIALTY CLEANERS SEE 28422-28423 OR SYNTHETIC ORGANIC DETERGENTS SEE 28411

STCC HEADERS

2851	PAINTS, ENAMELS, LAC- QUERS, SHELLACS OR VAR- NISHES, OR ALLIED PROD- UCTS EXC. BONE, CARBON LAMP BLACKS SEE 2899, CAULKING COMPOUNDS SEE 2891, INORGANIC OR see STCC 6001AA for full DESCRIPTION	28712	SUPERPHOSPHATE
28511	PAINTS, ENAMELS, LAC- QUERS, SHELLACS OR VARNISHES	28713	AMMONIATING FERTILIZER SOLUTION OR NITROGEN FERTILIZER SOLUTION
28512	PAINT OILS, SOLVENTS OR THINNERS, PAINT DRYING INGREDIENTS OR RELATED PRODUCTS	28714	MISCELLANEOUS FERTILIZER COMPOUNDS
28513	PUTTY	28719	FERTILIZERS, NEC EXC. MILLED, MINED OR OTHER- WISE PREPARED NATURAL BORON, SODIUM OR POTASSI- UM COMPOUNDS SEE 14713
28519	PAINTS, ENAMELS, LAC- QUERS, SHELLACS OR VARN- ISHES OR ALLIED NEC, INCLUDING MIXED SHIPMENTS EXC. BONE, CARBON OR LAMP BLACKS 28996, CALKING COMPOUNDS see STCC 6001AA for full DESCRIPTION	2879	MISCELLANEOUS AGRICULTUR- AL CHEMICALS
286	GUM OR WOOD CHEMICALS	28799	AGRICULTURAL CHEMICALS, NEC, FUNGICIDES, HERBI- CIDES OR PLANT HORMONES, HOUSEHOLD OR INDUSTRIAL PESTICIDAL PREPARATIONS, OR AGRICULTURAL DISINFEC- TANTS, INSECTICIDES OR see STCC 6001AA for full DESCRIPTION
2861	GUM OR WOOD CHEMICALS EXC. SYNTHETIC DYES SEE 2815 OR SYNTHETIC CHEMICALS OR TANNING MATERIALS SEE 2818	289	MISCELLANEOUS CHEMICAL PRODUCTS
28612	GUM OR WOOD CHEMICALS EXC. SYNTHETIC DYES SEE 28151-28158 OR SYNTHETIC ORGANIC CHEMICALS OR TANNING MATERIALS SEE 28181-28189	2891	ADHESIVES
287	AGRICULTURAL CHEMICALS	28911	ADHESIVES, CEMENTS, GLUES, SIZES, CALKING COMPOUNDS OR SEALANTS EXC. ASBESTOS CEMENT SEE 32921-32929
2871	FERTILIZERS EXC. MILLED, MINED OR OTHERWISE PRE- PARED NATURAL BORON, SODIUM OR POTASSIUM COM- POUNDS SEE 1471	2892	EXPLOSIVES EXC. AMMUNIT- ION SEE 1929 OR 1961 FIREWORKS OR SEE 2899
		28921	EXPLOSIVES EXC. AMMUNI- TION SEE 19291-19299, 19611, FIREWORKS OR TECHNICS SEE 28993
		2893	PRINTING INK
		28931	PRINTING INK

STCC HEADERS

2899	CHEMICALS OR CHEMICAL PREPARATIONS, NEC	29116	ASPHALT PITCHES OR TARS, FROM PETROLEUM, COAL COKE OVEN OR NATURAL GAS
28991	SALT, COMMON		
28993	FIREWORKS OR	29117	PETROLEUM RESIDUAL FUEL OILS OR OTHER LOW VOLATILE PETROLEUM FUELS
28994	FATTY ACIDS		
28995	WATER TREATING COMPOUNDS	29119	PETROLEUM REFINING PRODUCTS, NEC EXC. LIQUEFIED PETROLEUM GASES SEE
28996	BLACKS		
28997	MISCELLANEOUS CHEMICAL COMPOUNDS (ALSO SEE 28998)	2912	LIQUEFIED GASES, COAL OR PETROLEUM
	EXC. SEALANTS SEE 28911		
28998	MISCELLANEOUS CHEMICAL COMPOUNDS (ALSO SEE 28997)	29121	LIQUEFIED GASES, COAL OR PETROLEUM
	EXC. SEALANTS SEE 28911		
28999	CHEMICAL PRODUCTS, NEC	295	PAVING OR ROOFING MATERIALS
	EXC. SEALANTS SEE 28911	2951	ASPHALT PAVING BLOCKS OR MIXTURES, INCLUDING CRO-
29	PETROLEUM OR COAL PRODUCTS		SOTED WOOD, TAR OR
			SITION OF ASPHALT OR TAR WITH OTHER MATERIALS
291	PRODUCTS OF PETROLEUM REFINING	29511	ASPHALT PAVING BLOCKS OR MIXTURES, INCLUDING
			SOTED WOOD, TAR OR
2911	PETROLEUM REFINING PRODUCTS EXC. LIQUEFIED PETROLEUM GASES SEE 2912		SITION OF ASPHALT OR TAR WITH OTHER MATERIALS
	PETROLEUM COKE SEE 2991		
29111	GASOLINE OR JET OR HIGH VOLATILE PETROLEUM FUELS EXC. NATURAL GAS OR	2952	ASPHALT COATINGS OR
	LINE SEE 13121 OR 13211		OR ROOFING CEMENTS EXC. PAINT SEE 2851 OR LINOLEUM OR TILE CEMENT SEE 2891
29112	KEROSENE EXC. JET FUELS SEE 29111	29521	ASPHALT OR TAR SATURATED FELTS, BOARDS OR ROOFING
29113	DISTILLATE FUEL OIL		
29114	PETROLEUM LUBRICATING OR SIMILAR OILS, COMPOUNDS	29522	ASPHALT OR TAR CEMENTS COATINGS OR ROOFING CEMENTS OR PITCHES EXC. LINOLEUM OR TILE CEMENT SEE 28911
	OR DERIVATIVES		
29115	PETROLEUM LUBRICATING GREASES	29523	ASPHALT SHEATHINGS, SHINGLES OR SIDINGS

STCC HEADERS

29529	ASPHALT COATINGS OR FELTS, NEC EXC. PAINT 28511-28519 OR LINOLEUM OR TILE CEMENT SEE 28911	30114	RUBBER INNER TUBES
		30115	TREAD RUBBER OR RUBBER TIRE SUNDRIES OR REPAIR MATERIALS
299	MISCELLANEOUS COAL OR PETROLEUM PRODUCTS	30119	RUBBER TIRES OR RELATED PRODUCTS, NEC
2991	MISCELLANEOUS COAL OR PETROLEUM PRODUCTS EXC. PETROLEUM REFINERY SEE 2911	302	RUBBER OR PLASTIC FOOT- WEAR
29911	COAL OR COKE BRIQUETTES (FUEL BRICKS), INCLUDING ANTHRACITE CULM, BITUMI- NOUS SLACK, CHARCOAL,	3021	RUBBER OR PLASTIC FOOT- WEAR, INCLUDING FABRIC WITH RUBBER OR PLASTIC SOLES
	PEAT OR SAWDUST	30211	FOOTWEAR, RUBBER OR RUB- BER SOLED FABRIC, CANVAS WITH RUBBER SOLES, LEA- THER WITH VULCANIZED RUBBER SOLES OR PLASTIC WITH RUBBER
29912	LUBRICANTS OR SIMILAR COMPOUNDS EXC. PETROLEUM REFINERY SEE 29114 OR 29115	30212	PLASTIC FOOTWEAR, ING FABRIC WITH PLASTIC SOLES
29913	PETROLEUM COKE EXC. BRI- QUETTES SEE 29911	303	RECLAIMED RUBBER
29914	COKE PRODUCED FROM COAL EXC. BRIQUETTES SEE	3031	RECLAIMED RUBBER
29915	DISTILLATE OR RESIDUAL FUEL OIL FROM COAL ING	30311	RECLAIMED RUBBER
		304	RUBBER OR PLASTIC HOSE BELTING
29919	COAL OR PETROLEUM PROD- UCTS, NEC EXC. DYES, DYE (CYCLIC) INTERMEDIATES SEE 28151-28158 OR PE- TROLEUM REFINERY SEE 29111-29119	3041	RUBBER OR PLASTIC HOSE BELTING
		30411	RUBBER OR PLASTIC BELTS OR BELTING
30	RUBBER OR MISCELLANEOUS PLASTICS PRODUCTS	30412	RUBBER OR PLASTIC HOSE
		306	MISCELLANEOUS FABRICATED RUBBER PRODUCTS
301	RUBBER TIRES OR INNER TUBES	3061	MISCELLANEOUS FABRICATED RUBBER PRODUCTS
3011	RUBBER TIRES OR INNER TUBES	30613	SPONGE OR FOAM RUBBER GOODS
30111	RUBBER PNEUMATIC TIRES PARTS		

STCC HEADERS

30614	RUBBER FLOOR OR WALL COVERINGS	30718	PLASTIC PACKAGING OR SHIPPING CONTAINERS, BASKETS, BOTTLES, BOXES, CANS, CUPS, DRUMS, JARS, TUBS, TUBES OR TUMBLERS OR CAPS, CLOSURES, INSERTS, OR LINERS FOR see STCC 6001AA for full DESCRIPTION
30618	FABRICATED RUBBER PRODUCTS, NEC EXC. ELASTIC WEBBING SEE 22411, ELASTIC WEBBING PRODUCTS OR RUBBERIZED FABRIC GARMENTS SEE 23, SYNTHETIC-RUBBERS SEE 28212, see STCC 6001AA for full DESCRIPTION	30719	MISCELLANEOUS FABRICATED PLASTIC PRODUCTS, NEC EXC. ARTIFICIAL LEATHER SEE 22951, PLASTIC MATERIALS SEE 28211, FOOTWEAR SEE 30212, TIC BELTING SEE 30411 OR see STCC 6001AA for full DESCRIPTION
30619	FABRICATED RUBBER PRODUCTS, NEC EXC. ELASTIC WEBBING SEE 22411, ELASTIC WEBBING PRODUCTS OR RUBBERIZED FABRIC GARMENTS SEE 23, SYNTHETIC RUBBERS SEE 28212, see STCC 6001AA for full DESCRIPTION	3072	MISCELLANEOUS PLASTIC PRODUCTS EXC. ARTIFICIAL LEATHER SEE 2295 OR TIC MATERIALS SEE 2821
307	MISCELLANEOUS PLASTIC PRODUCTS	30729	MISCELLANEOUS FABRICATED PLASTIC PRODUCTS, NEC EXC. ARTIFICIAL LEATHER SEE 22951, PLASTIC MATERIALS SEE 28211, PLASTIC FOOTWEAR SEE 30212, TIC BELTING SEE 30411 OR see STCC 6001AA for full DESCRIPTION
3071	MISCELLANEOUS PLASTIC PRODUCTS EXC. ARTIFICIAL LEATHER SEE 2295 OR TIC MATERIALS SEE 2821	31	LEATHER OR LEATHER PRODUCTS
30711	PLASTIC DINNERWARE OR HOUSEWARES	311	LEATHER
30712	PLASTIC PIPE, TUBING OR FITTINGS	3111	LEATHER, FINISHED OR TANNED
30713	INDUSTRIAL (MOLDED) TIC PRODUCTS	31111	LEATHER, FINISHED OR TANNED
30714	UNSUPPORTED VINYL OR POLYETHYLENE FILM OR SHEETING	312	INDUSTRIAL LEATHER BELTING
30715	UNSUPPORTED PLASTIC OR WALL COVERINGS	3121	INDUSTRIAL LEATHER BELTING
30716	EXPANDED OR FOAMED PLASTICS	31211	INDUSTRIAL LEATHER BELTING
30717	PLASTIC LAMINATED RODS, SHEETS OR TUBES		

STCC HEADERS

313	BOOT OR SHOE CUT STOCK FINDINGS, ALL MATERIALS	3161	LUGGAGE OR HANDBAGS, LEATHER OR OTHER MATERIALS, OR OTHER PERSONAL LEATHER GOODS EXC. PRECIOUS METAL SEE 3911
3131	BOOT OR SHOE CUT STOCK FINDINGS, ALL MATERIALS		
31311	BOOT OR SHOE CUT STOCK FINDINGS, ALL MATERIALS	31611	LUGGAGE OR HANDBAGS, LEATHER OR OTHER MATERIALS, OR OTHER PERSONAL LEATHER GOODS EXC. HAT BOXES, PAPER OR PAPERBOARD SEE 26511 OR PRECIOUS METAL SEE 39111
314	FOOTWEAR, LEATHER OR OTHER MATERIALS EXC. RUBBER OR PLASTIC SEE		
3141	FOOTWEAR, LEATHER OR OTHER MATERIALS EXC. RUBBER OR PLASTIC SEE 3021 OR HOUSE SLIPPERS SEE 3142	319	LEATHER GOODS, NEC
		3199	LEATHER GOODS, NEC
		31999	LEATHER GOODS, NEC
31411	FOOTWEAR, LEATHER OR OTHER MATERIALS EXC. RUBBER SEE 30211, SEE 30212 OR HOUSE SLIPPERS SEE 31421	32	CLAY, CONCRETE, GLASS OR STONE PRODUCTS
		321	FLAT GLASS
		3211	FLAT GLASS
3142	HOUSE SLIPPERS, LEATHER OR OTHER MATERIALS	32111	SHEET (WINDOW) GLASS
31421	HOUSE SLIPPERS, LEATHER OR OTHER MATERIALS	32112	PLATE GLASS
		32113	LAMINATED OR SAFETY
315	LEATHER GLOVES OR	32119	FLAT GLASS, NEC
3151	LEATHER DRESS OR WORK GLOVES OR MITTENS EXC. ATHLETIC OR SPORTING SEE 3949 OR CLOTH AND COMBINED SEE 2381	322	GLASS OR GLASSWARE, PRESSED OR BLOWN
		3221	GLASS CONTAINERS
31511	LEATHER DRESS OR WORK GLOVES OR MITTENS EXC. ATHLETIC OR SPORTING SEE 3949 OR CLOTH AND COMBINED SEE 23811-23812	32211	GLASS CONTAINERS, OR GLASS CAPS OR COVERS GLASS BOTTLES SEE 32212
		32212	GLASS BOTTLES
		32219	GLASS CONTAINERS, NEC
316	LUGGAGE OR HANDBAGS, LEATHER OR OTHER MATERIALS, OR OTHER PERSONAL LEATHER GOODS EXC. PRECIOUS METAL SEE 391	3229	GLASS OR GLASSWARE, OR PRESSED, NEC EXC. ELECTRIC LIGHT BULBS SEE 3641, FLAT GLASS SEE 3211, GLASS CONTAINERS SEE 3221, GLASS WOOL INSULATION PRODUCTS see STCC 6001AA for full

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32291	ART, KITCHEN, NOVELTY OR TABLE GLASSWARE	32512	GLAZED BRICK OR BLOCKS, CLAY, SHALE OR CERAMIC, OR FACING MOLDING OR OR STRUCTURAL HOLLOW TILE, GLAZED OR NOT GLAZED EXC. CERAMIC OR WALL TILE SEE 32531 see STCC 6001AA for full DESCRIPTION
32292	LIGHTING GLASSWARE EXC. COMPLETE ELECTRIC LIGHT BULBS SEE 36411		
32293	GLASS FIBRE		
32294	GLASS MIRRORS		
32295	GLASS BLOCKS, BRICK, SKYLIGHTS OR RELATED PRODUCTS	3253	CERAMIC FLOOR OR WALL TILE EXC. DRAIN TILE SEE 3259 OR STRUCTURAL CLAY TILE SEE 3251
32296	ELECTRONIC GLASSWARE		
	COMPLETE ELECTRONIC SEE 36711	32531	CERAMIC, ENAMEL, PROMENADE OR QUARRY OR WALL TILE EXC. DRAIN TILE SEE 32592 OR STRUC- TURAL CLAY TILE SEE
32299	GLASS OR GLASSWARE, OR PRESSED, NEC EXC. GLASS SEE 32111-32119, GLASS CONTAINERS SEE 32211-32119, GLASS WOOL INSULATION PRODUCTS (ERAL WOOL) SEE 32961 OR See STCC 6001AA for full DESCRIPTION	3255	REFRACTORIES, CLAY OR NONCLAY
324	HYDRAULIC CEMENT	32551	CLAY REFRACTORIES
3241	HYDRAULIC CEMENT	32552	NONCLAY REFRACTORIES DEAD BURNED MAGNESIA OR MAGNESITE SEE 32953
32411	HYDRAULIC CEMENT, NATU- RAL, PORTLAND OR MASONRY READY-MIX CEMENT OR CON- CRETE, DRY	3259	MISCELLANEOUS STRUCTURAL CLAY PRODUCTS
32412		32591	CLAY CONDUIT, CULVERTS, PIPE OR FITTINGS
325	STRUCTURAL CLAY PRODUCTS	32592	CLAY DRAIN TILE
3251	CLAY BRICK OR STRUCTURAL CLAY TILE EXC. CERAMIC FLOOR OR WALL TILE SEE 3253, CLAY OR NONCLAY REFRACTORIES SEE 3255, GLASS SEE 3229 OR SAND LIME SEE 3299	32593	CLAY ARCHITECTURAL TERRA COTTA
		32594	CLAY ROOFING TILE
32511	BRICK OR BLOCKS, CLAY OR SHALE EXC. CLAY OR NON- CLAY REFRACTORIES SEE 32551-32552, GLASS SEE 32295 OR SAND LIME SEE 32999	32595	CLAY TILE BEAMS, CHAN- NELS, DOUBLE TREES, GIR- DERS OR JOISTS, REIN- FORCED
		32599	STRUCTURAL CLAY NEC
		326	POTTERY OR RELATED PROD- UCTS

STCC HEADERS

3261	VITREOUS CHINA PLUMBING FIXTURES OR VITREOUS CHINA OR EARTHENWARE	32715	CONCRETE STRUCTURAL SHAPES, REINFORCED
	BATHROOM ACCESSORIES OR FITTINGS	32719	CONCRETE PRODUCTS, NEC
32611	VITREOUS CHINA PLUMBING FIXTURES OR VITREOUS CHINA OR EARTHENWARE	3273	READY-MIX CONCRETE, WET
	BATHROOM ACCESSORIES OR FITTINGS	32731	READY-MIX CONCRETE, WET
		3274	LIME OR LIME PLASTER
		32741	LIME OR LIME PLASTER
		3275	GYPSUM PRODUCTS
3262	VITREOUS CHINA KITCHEN TABLE ARTICLES OR FINE EARTHENWARE OR WHITEWARE)	32751	GYPSUM LATH
		32752	GYPSUM PLASTER
		32753	GYPSUM BUILDING EXC. LATH SEE 32751, PLASTER SEE 32752 OR WALLBOARD SEE 32754
32621	VITREOUS CHINA KITCHEN TABLE ARTICLES OR FINE EARTHENWARE OR WHITEWARE)		
3264	PORCELAIN ELECTRICAL SUPPLIES, STEATITE OR OTHER CERAMIC ELECTRICAL SUPPLIES	32754	GYPSUM WALLBOARD
		32759	GYPSUM PRODUCTS EXC. GYPSUM BUILDING SEE 32751-32753
32641	PORCELAIN ELECTRICAL SUPPLIES, STEATITE OR OTHER CERAMIC ELECTRICAL SUPPLIES	328	CUT STONE OR STONE PROD- UCTS
		3281	CUT STONE OR STONE PROD- UCTS
3269	MISCELLANEOUS POTTERY PRODUCTS	32811	CUT GRANITE OR GRANITE PRODUCTS
32699	POTTERY PRODUCTS, NEC	32812	CUT LIMESTONE OR LIME- STONE PRODUCTS
327	CONCRETE, GYPSUM, OR PLASTER PRODUCTS		
		32813	CUT MARBLE OR MARBLE PRODUCTS
3271	CONCRETE PRODUCTS EXC. READY-MIX CONCRETE SEE 3273	32814	CUT SLATE, SOAPSTONE, TALC OR RELATED PRODUCTS
32711	CONCRETE BRICK OR BLOCKS	32819	CLAY STONE OR STONE UCTS, NEC
32713	CONCRETE PILING, POLES POSTS		
		329	ABRASIVES, ASBESTOS UCTS OR MISCELLANEOUS NONMETALLIC MINERAL UCTS
32714	CONCRETE CONDUIT, CUL- VERTS, DRAINS, PIPE OR TILE		

STCC HEADERS

3291	ABRASIVE PRODUCTS	32951	VERMICULITE, EXFOLIATED, LOOSE
32911	NONMETALLIC ARTIFICIAL ABRASIVES, FLOUR TIC ABRASIVES), POWDERS OR SIZED GRAINS	32952	LIGHT WEIGHT AGGREGATES, CLAYS OR SLAGS, GROUND TREATED IN ANY OTHER MANNER EXC. GROUND OR OTHERWISE TREATED AT SITE SEE 14911-14919, OR DIATOMACEOUS OR see STCC 6001AA for full DESCRIPTION
32912	NONMETALLIC BONDED ABRASIVE PRODUCTS, NONMETALLIC COATED ABRASIVES, OR DIAMOND ABRASIVES	32953	MAGNESITE OR MAGNESIA, CALCINED, DEAD BURNED OR GROUND
32914	METAL ABRASIVES OR METAL SCOURING PADS, SOAP IMPREGNATED	32954	PYROPHILLITE, STEATITE (SOAPSTONE) OR TALC, GROUND OR OTHERWISE TREATED
32919	ABRASIVE PRODUCTS, NEC	32955	FELDSPAR, GROUND OR OTHERWISE TREATED
3292	ASBESTOS PRODUCTS OR ASPHALT FLOOR TILE EXC. ASBESTOS PAPER SEE 2661, OR GASKETS OR PACKING 3293	32956	GROUND UNCALCINED GYPSITE OR ANHYDRITE
32921	ASBESTOS FRICTION MATERIAL	32957	MICA, GROUND OR TREATED
32922	ASBESTOS CEMENT PRODUCTS	32958	NATURAL GRAPHITE (BLACK LEAD), BLENDED, GROUND, PULVERIZED OR REFINED
32923	ASPHALT OR VINYL FLOOR TILE EXC. ASPHALTED FELT BASE OR OTHER HARD SURFACE FLOOR COVERINGS SEE 39921 OR CORK TILE SEE 24941	32959	NONMETALLIC MINERALS OR EARTHS, GROUND OR IN ANY OTHER MANNER EXC. COAL SEE 11111-11222, CRUSHED STONE SEE 14211-14219 OR SAND SEE 14413
32924	ASBESTOS INSULATION	3296	MINERAL WOOL EXC. ASBESTOS INSULATION SEE 3292 OR TEXTILE GLASS FIBRES SEE 3229
32929	ASBESTOS PRODUCTS, NEC EXC. ASBESTOS PAPER SEE 26612, OR GASKETS OR PACKING SEE 32931-32932	32961	MINERAL WOOL EXC. ASBESTOS INSULATION SEE 32924 OR TEXTILE GLASS FIBRES SEE 32293
3293	GASKETS OR PACKING		
32931	GASKETS, ALL TYPES		
32932	PACKING, ALL TYPES		
3295	NONMETALLIC EARTHS OR MINERALS, GROUND OR TREATED IN ANY OTHER MANNER EXC. COAL SEE 1111-1122 OR 2991, CRUSHED STONE SEE 1421, DIATOMACEOUS OR see STCC 6001AA for full description		

STCC HEADERS

3299	MISCELLANEOUS MINERAL PRODUCTS	33121	STEEL INGOT OR SEMI-FINISHED SHAPES
32996	NONMETALLIC MINERAL LATING MATERIALS EXC. ASBESTOS SEE 32924, GYP- SUM SEE 32753, MINERAL WOOL SEE 32961 OR PAPER SEE 26614	33122	IRON OR STEEL PLATES
		33123	IRON OR STEEL SHEET OR STRIP
32999	NONMETALLIC MINERAL UCTS, NEC, PAPIERMACHE ART GOODS, STATUARY GOODS, URNS OR VASES	33124	IRON OR STEEL BARS, BAR SHAPES OR RODS
		33125	STRUCTURAL SHAPES OR PILING, STEEL MILL PROD- UCTS
33	PRIMARY METAL PRODUCTS, INCLUDING GALVANIZED COATING OR OTHER ALLIED PROCESSING SEE 34994	33126	IRON OR STEEL PIPE, OR FITTINGS
		33127	TIN MILL PRODUCTS
331	STEEL WORKS, ROLLING MILL, OR OTHER REDUCTION PLANT PRODUCTS, GALVANIZED PRODUCTS EXC. COATING OR OTHER ALLIED PROCESSING SEE 34994	33128	RAILWAY TRACK MATERIAL VIZ. RAILS, JOINT BARS, TIE PLATES OR RELATED PRODUCTS
		33129	PRIMARY IRON OR STEEL PRODUCTS, N.E.C.
3311	BLAST OR METALLIZING FURNACE OR COKE OVEN PRODUCTS EXC. COKE, OR COKE BREEZE OR	3313	ELECTROMETALLURGICAL PRODUCTS EXC. COPPER
		33131	FERROMANGANESE
33111	PIG IRON	33132	FERROCHROME
33112	FURNACE SLAG EXC. GROUND OR OTHERWISE TREATED SEE 32952	33133	FERROSILICON
		33134	ADDITIVE ALLOYS EXC. COPPER
33115	METALLIZING PLANT PROD- UCTS	33135	ELECTROMETALLURGICAL PRODUCTS, NEC EXC. ALU- MINUM, MAGNESIUM OR COP- PER
33119	BLAST FURNACE, OPEN HEARTH, ROLLING MILL OR COKE OVEN PRODUCTS, NEC XC. ASPHALT, PITCHES OR ARS SEE 29116, CRUDE RODUCTS, OR CHEMICALS 28, METALLIC ORES SEE10	33139	FERROALLOYS, NEC
		3315	STEEL WIRE, NAILS OR SPIKES, INCLUDING GALVA- NIZED EXC. COATING OR OTHER ALLIED PROCESSING SEE 34994
3312	PRIMARY IRON OR STEEL PRODUCTS, INCLUDING GAL- VANIZED PRODUCTS EXC. COATING OR ALLIED PRO- CESSING SEE 34994 OR OVEN PRODUCTS SEE 3311		

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33151	NONINSULATED FERROUS ROPE, CABLE OR STRAND	33322	LEAD MATTE, SPEISS, FLUE DUST, DROSS, SLAG, SKIM- MINGS, ETC.
33152	STEEL NAILS, STAPLES, TACKS, BRADS OR SPIKES - EXC. RAILWAY SPIKES SEE 33128	3333	PRIMARY ZINC SMELTER PRODUCTS
33155	STEEL WIRE EXC. NEOUS FABRICATED WIRE PRODUCTS SEE 34812-34819	33331	ZINC SMELTER PRODUCTS, VIZ. SPELTER, PIG SLAB INGOTS
332	IRON OR STEEL CASTINGS, INCLUDING GALVANIZED COATING OR OTHER ALLIED PROCESSING SEE 34994	33332	ZINC DROSS, RESIDUES, ASHES, ETC.
3321	IRON OR STEEL CASTINGS, INCLUDING GALVANIZED COATING OR OTHER ALLIED PROCESSING SEE 34994	3334	PRIMARY ALUMINUM SMELTER PRODUCTS
33211	IRON OR STEEL CAST PIPE OR FITTINGS	33341	PRIMARY ALUMINUM BLOOMS, PIG, SLAB OR INGOTS
33219	IRON OR STEEL CASTINGS, NEC	33342	ALUMINUM RESIDUES, ETC.
333	NONFERROUS METAL PRIMARY SMELTER PRODUCT VIZ. SLAB, INGOT, PIG, ETC., OR RESIDUES	3339	MISCELLANEOUS PRIMARY NONFERROUS METAL PROD- UCTS, VIZ. ANODES, DES, BILLETS, BLOOMS, IG, SLAB OR INGOTS
3331	PRIMARY COPPER SMELTER PRODUCTS	33391	MAGNESIUM PIG, SLAB OR INGOTS
33311	PRIMARY COPPER OR COPPER BASE ALLOY PIG, SLAB OR INGOTS, ETC.	33392	MANGANESE PIG, SLAB OR INGOTS
33312	COPPER MATTE, SPEISS, FLUE DUST OR RESIDUES, ETC.	33393	MOLYBDENUM PIG, SLAB OR INGOTS
3332	PRIMARY LEAD SMELTER PRODUCTS	33394	NICKEL PIG, SLAB OR IN- GOTS
33321	LEAD PIG, SLAB, INGOTS BULLION EXC. SOLDER, BITT OR TYPE METAL SEE 33567	33395	TIN OR TIN BASE ALLOY PIG, SLAB OR INGOTS EXC. SOLDER, BABBITT OR TYPE METAL SEE 33567
		33396	TITANIUM PIG, SLAB OR INGOTS
		33398	MISCELLANEOUS NONFERROUS METAL RESIDUES, SOLDER, BABBITT OR TYPE METAL RESIDUES

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33399	PRIMARY NONFERROUS METAL INGOTS, PIG OR SLAB, NEC	3356	MISCELLANEOUS NONFERROUS METAL BASIC SHAPES, VIZ. BARS, PIPE, PLATES, SHEET, STRIP OR TUBING EXC. COATING OR OTHER ALLIED PROCESSING SEE 34994
335	NONFERROUS METAL BASIC SHAPES EXC. COATING OR OTHER ALLIED PROCESSING SEE 34994	33561	MAGNESIUM OR MAGNESIUM BASE ALLOY BASIC SHAPES
3351	BRASS, BRONZE OR COPPER BASIC OR OTHER COPPER BASE ALLOY SHAPES EXC. COATING OR OTHER ALLIED PROCESSING SEE 34994	33562	LEAD OR LEAD BASE ALLOY BASIC SHAPES EXC. SOL- DER, BABBITT OR TYPE METAL SEE 33567
33511	COPPER, BRASS OR BRONZE OR OTHER COPPER BASE ALLOY RODS OR BARS	33563	NICKEL OR NICKEL BASE ALLOY BASIC SHAPES
33512	COPPER, BRASS, BRONZE OR OTHER COPPER BASE ALLOY PLATE, SHEET OR STRIP	33564	ZINC OR ZINC BASE ALLOY BASIC SHAPES
33513	COPPER, BRASS, BRONZE OR OTHER COPPER BASE ALLOY PIPE OR TUBE	33565	TITANIUM BASIC SHAPES
33519	COPPER, BRASS, BRONZE OR OTHER COPPER BASE ALLOY SHAPES, NEC	33566	WELDING RODS, BARS OR WIRE
3352	ALUMINUM OR ALUMINUM ALLOY BASIC SHAPES EXC. COATING OR OTHER ALLIED PROCESSING SEE 34994 OR ALUMINUM FOIL OR FOIL STOCK SEE 34992	33567	SOLDER, BABBITT OR TYPE METAL SHAPES
33521	ALUMINUM OR ALUMINUM ALLOY PLATE OR SHEET	33569	NONFERROUS METAL BASIC SHAPES, NEC EXC. INCLUDED IN PRIMARY IN- DUSTRIES SEE 33398
33523	ALUMINUM OR ALUMINUM ALLOY RODS OR BARS	3357	NONFERROUS METAL OR LATED WIRE EXC. COATING OR OTHER ALLIED PROCESS- ING SEE 34994
33524	ALUMINUM OR ALUMINUM ALLOY PIPE OR TUBE	33571	ALUMINUM OR ALUMINUM ALLOY WIRE, CABLE OR STRAND, BARE
33529	ALUMINUM OR ALUMINUM ALLOY BASIC SHAPES, NEC EXC. ALUMINUM FOIL OR FOIL STOCK SEE 34992	33572	COPPER OR COPPER BASE ALLOY WIRE, STRAND OR CABLE, BARE
		33573	NONFERROUS METAL OR NON- FERROUS METAL BASE ALLOY WIRE, BARE EXC. ALUMINUM SEE 33571 OR COPPER SEE 33572

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33574	WIRE OR CABLE, ENAMELED OR COVERED, ALL TYPES	3391	IRON OR STEEL FORGINGS EXC. COATING OR OTHER ALLIED PROCESSING SEE 34994
336	NONFERROUS METAL OR NON- FERROUS METAL BASE ALLOY CASTINGS EXC. COATING OR OTHER ALLIED PROCESSING SEE 34994	33911 3392	IRON OR STEEL FORGINGS NONFERROUS METAL EXC. COATING OR OTHER ALLIED PROCESSING SEE 34994
3361	ALUMINUM OR ALUMINUM ALLOY CASTINGS EXC. ING OR OTHER ALLIED PRO- CESSING SEE 34994	33921	NONFERROUS METAL
33612	ALUMINUM OR ALUMINUM ALLOY CASTINGS EXC.	3399	PRIMARY METAL PRODUCTS, NEC EXC. COATING OR ALLIED PROCESSING SEE 34994
3362	ING UTENSILS SEE 36311 BRASS, BRONZE, COPPER OR OTHER COPPER BASE ALLOY CASTINGS EXC. COATING OR OTHER ALLIED PROCESSING SEE 34994	33991 33992	METAL POWDER, FLAKES OR PASTE NONFERROUS METAL NAILS, BRADS, SPIKES OR STAPLES
33621	BRASS, BRONZE, COPPER OR OTHER COPPER BASE ALLOY CASTINGS	33999	PRIMARY METAL PRODUCTS, NEC
3369	MISCELLANEOUS NONFERROUS METAL CASTINGS EXC. ING OR OTHER ALLIED PRO- CESSING SEE 34994	34	FABRICATED METAL EXC. ORDNANCE SEE 19, MACHINERY SEE 35 OR 36, OR TRANSPORTATION EQUIP- MENT SEE 37
33691	MAGNESIUM OR MAGNESIUM BASE ALLOY CASTINGS	341 3411	METAL CANS METAL CANS
33692	ZINC OR ZINC BASE ALLOY CASTINGS	34111	METAL CANS, INCLUDING MIXED WITH CAN BOTTOMS TOPS
33693	LEAD, LEAD BASE ALLOY, BABBITT OR WHITE METAL CASTINGS	342 3421	CUTLERY, HAND TOOLS OR GENERAL HARDWARE CUTLERY, OTHER THAN TRICAL
33699	NONFERROUS METAL CAST- INGS, N.E.C.	34211	KITCHEN OR TABLE CUTLERY OR RELATED CUTTING ANCES, OTHER THAN ELEC- TRICAL
339	MISCELLANEOUS PRIMARY METAL PRODUCTS EXC. ING OR OTHER ALLIED PRO- CESSING SEE 34994		

STCC HEADERS

34213	SCISSORS OR SHEARS, THAN ELECTRICAL	34281	DOOR OR WINDOW HARDWARE
34215	RAZOR BLADES OR RAZORS, OTHER THAN ELECTRICAL	34282	FIREPLACE EQUIPMENT, DAMPERS, IRONS OR FIRE SCREENS, HARDWARE
34219	CUTLERY, NEC, OTHER THAN ELECTRICAL	34283	HINGES, HASPS OR BUTTS EXCEPT CABINET SEE 34264
3423	EDGE OR HAND TOOLS EXC. HAND SAWS OR SAW BLADES SEE 3425 OR MACHINE SEE 3541 OR 3542	34284	CABINET HARDWARE, HINGES OR LOCKS
34231	MECHANICS HAND SERVICE TOOLS OR LIGHT FORGED HAMMERS	34285	HOOKS, CLAMPS, CLIPS, FASTENERS OR SHELF HARD- WARE OR HANGERS EXC. OR WINDOW SEE 34281
34232	EDGE TOOLS	34289	BUILDERS HARDWARE, NEC
34233	FILES, RASPS OR FILE ACCESSORIES	3429	MISCELLANEOUS HARDWARE EXC. BUILDERS SEE 3428
34234	SHOVELS, SPADES, OR SCRAPERS	34291	TRANSPORTATION EQUIPMENT HARDWARE
34235	HEAVY FORGED TOOLS VIZ. SLEDGES, PICKS, PICK MATTOCKS, MAULS, OR BARS	34292	FURNITURE HARDWARE OR HARDWARE FOR OFFICE OR HOUSEHOLD FURNITURE
34236	AGRICULTURAL HAND TOOLS OR PARTS VIZ. FORKS, HOES, HUSKERS, RAKES, ROLLERS, WEEDERS, ETC. EXC. EDGED TOOLS SEE 34232, WHEELED TRANSPOR- TATION EQUIPMENT SEE	34293	VACUUM OR INSULATED BOT- TLES, JUGS OR CHESTS
34239	HAND TOOLS, NEC EXC. SAWS OR SAW BLADES SEE 34251 OR MACHINE TOOLS SEE 35412 OR 35421	34294	HOSE FITTINGS, NOZZLES, COUPLINGS OR REELS
3425	HAND SAWS OR SAW BLADES	34298	HARDWARE, NEC
34251	HAND SAWS OR BLADES OR SAW ACCESSORIES	34299	HARDWARE, NEC
3428	BUILDERS OR CABINET WARE OR FIREPLACE EQUIP- MENT	343	PLUMBING FIXTURES OR HEATING APPARATUS EXC. ELECTRIC SEE 36
		3431	METAL SANITARY WARE, INCLUDING ENAMELED EXC. VITREOUS SANITARY WARE SEE 3261
		34311	CAST IRON SANITARY WARE, INCLUDING ENAMELED
		34312	METAL SANITARY WARE, OTHER THAN CAST IRON, INCLUDING ENAMELED

STCC HEADERS

3432	PLUMBING FIXTURE OR TRIM (BRASS GOODS)	34422	METAL WINDOW FRAMES OR SASH EXC. STORM SASH OR SCREEN AND STORM SASH 34425
34321	PLUMBING FIXTURE OR TRIM VIZ. BATH, SHOW- ER, SINK OR LAVATORY- FITTINGS, LAVATORY LEGS, STRAINERS, ETC. (BRASS GOODS)	34423	METAL MOLDING OR TRIM OR STORE FRONTS EXC. MOTOR VEHICLE BODY TRIM SEE 34613
3433	HEATING EQUIPMENT, OTHER THAN ELECTRICAL	34425	METAL DOOR OR WINDOW SCREENS, SCREEN OR STORM DOORS, STORM WINDOWS, COMBINATION SCREEN AND STORM DOORS OR WINDOWS, OR METAL WEATHER STRIP
34331	OIL BURNERS, RESIDENTIAL OR INDUSTRIAL		
34332	WARM AIR FURNACES EXC. FLOOR OR WALL SEE 34339		
34333	CAST IRON HEATING BOIL- ERS, RADIATORS OR TORS	3443	FABRICATED PLATE (BOILER SHOP PRODUCTS)
34334	DOMESTIC HEATING STOVES, OTHER THAN ELECTRICAL	34431	HEAT EXCHANGERS OR STEAM CONDENSERS
34335	STEEL HEATING BOILERS	34432	FABRICATED STEEL PLATE FOR PIPE, PENSTOCKS, TUNNEL LININGS, ETC.
34336	PARTS FOR NONELECTRIC HEATING EQUIPMENT	34433	STEEL POWER BOILERS, PARTS OR ATTACHMENTS
34339	HEATING EQUIPMENT, NEC, OTHER THAN ELECTRICAL	34434	GAS CYLINDERS (PRESSURE TANKS)
344	FABRICATED STRUCTURAL METAL PRODUCTS	34435	METAL TANKS EXC. PRES- SURE SEE 34434
3441	FABRICATED STRUCTURAL METAL PRODUCTS	34439	FABRICATED PLATE PROD- UCTS, NEC
34411	FABRICATED STRUCTURAL	3444	SHEET METAL PRODUCTS CONTAINERS, SUCH AS BOXES, KEGS, PAILS, ETS, CRATES, ETC. SEE 34615
34412	IRON OR STEEL PRODUCTS FABRICATED STRUCTURAL METAL PRODUCTS EXC. IRON OR STEEL SEE 34411	34441	SHEET METAL ROOFING, CEILING OR SIDING
3442	METAL OR METAL COVERED DOORS, SASH, FRAMES, MOLDING OR TRIM	34442	SHEET METAL CULVERTS, FLUMES, IRRIGATION PIPE OR SIMILAR ARTICLES
34421	METAL DOORS OR DOOR FRAMES EXC. SCREEN AND STORM DOORS SEE 34425		

STCC HEADERS

34443	SHEET METAL CORNICES, SKYLIGHTS OR ROOF VENTI- LATORS	34521	BOLTS, NUTS, SCREWS, RIVETS OR WASHERS EXC. TOGGLE OR EXPANSION SEE 34529
34444	SHEET METAL STOVE, FUR- NACE OR CHIMNEY PIPE, ELBOWS, DUCTS OR	34529	INDUSTRIAL FASTENERS, VIZ. DOWELS, COTTER EXPANSION OR TOGGLE BOLTS, ETC.
34445	SHEET METAL ROOF EQUIPMENT		
34446	SHEET METAL OR METAL COVERED BINS, VATS OR TUBS	346	METAL STAMPINGS
		3461	METAL STAMPINGS
34447	SHEET METAL AWNINGS OR CANOPIES	34611	VITREOUS ENAMELED METAL PRODUCTS VIZ. COOKING KITCHEN UTENSILS, ERATOR PARTS, WASHING MACHINE PARTS, ETC.
34449	SHEET METAL PRODUCTS, ARCHITECTURAL OR		
3446	TAL METAL WORK	34612	STAMPED OR SPUN COOKING OR KITCHEN HOLD UTENSILS
34461	ORNAMENTAL METAL WORK, LAMP POSTS, LATTICEWORK, GRILLWORK, ETC.	34613	AUTOMOBILE STAMPINGS
34462	SCAFFOLDING, LADDERS OR RELATED ARTICLES	34614	METAL CLOSURES VIZ. CAPS, COVERS, BOTTOMS TOPS
34464	STAIRS, STAIRCASES, BAL- CONIES, FIRE ESCAPES, RAILINGS, PORTABLE GANG- WAYS, PLATFORMS, STAIR- WAYS, ETC.	34615	METAL BOXES, BASKETS, BUCKETS, PAILS OR CRATES EXC. SHIPPING SEE 34912-34919 OR 34997
34469	ARCHITECTURAL METAL NEC	34616	DISPENSERS, HOLDERS OR CONTAINERS, NAPKIN, TIS- SUE OR TOWEL, ETC.
3449	MISCELLANEOUS METAL WORK	34619	METAL STAMPINGS, NEC
34492	PREFABRICATED OR	348	MISCELLANEOUS FABRICATED WIRE PRODUCTS EXC. STEEL WIRE SEE 3315
34499	METAL BUILDINGS OR PARTS METAL CONSTRUCTION MATE- RIALS, N. E. C.		
345	BOLTS, NUTS, SCREWS, RIVETS, WASHERS OR OTHER INDUSTRIAL FASTENERS	3481	MISCELLANEOUS FABRICATED WIRE PRODUCTS
		34812	WIRE SPRINGS
3452	BOLTS, NUTS, SCREWS, RIVETS, WASHERS OR OTHER INDUSTRIAL FASTENERS	34813	WIRE FENCING OR FENCE POSTS OR GATES OR FIT- TINGS

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34814	WIRE CLOTH OR OTHER WIRE PRODUCTS	34943	METAL PIPE COILS
34815	WIRE CHAIN	34944	FABRICATED PIPE OR PIPE FITTINGS
34816	BARBED OR TWISTED WIRE	3499	FABRICATED METAL PROD- UCTS, NEC
34817	WELDED WIRE FABRIC OR MESH	34991	METAL COLLAPSIBLE TUBES, INCLUDING TOOTHPASTE, COSMETICS, ETC.
34819	FABRICATED WIRE NEC	34992	METAL FOIL OR LEAF, OR PRODUCTS THEREFROM EXC. FOIL SANITARY FOOD CON- TAINERS SEE 34996
349	MISCELLANEOUS FABRICATED METAL PRODUCTS	34993	METAL FURNITURE PARTS
3491	METAL SHIPPING VIZ. BARRELS, CANS, DRUMS, KEGS, PAILS, ETC.	34994	COATING, ANODIZING, COL- ORING, ELECTROPLATING, ENGRAVING, PLATING OR POLISHING, ETC. , OF METALS OR METAL PRODUCTS EXC. GALVANIZING SEE 33
34912	STEEL SHIPPING VIZ. BARRELS, CANS, DRUMS, KEGS, PAILS, ETC.	34996	FOIL SANITARY FOOD CON- TAINERS
34913	METAL SHIPPING REELS	34997	METAL SHIPPING CONTAIN- ERS, BOXES OR RACKS EXC. BARRELS, CANS, DRUMS, KEGS, PAILS OR REELS SEE 34912-34919
34919	METAL SHIPPING CONTAIN- ERS, NEC. VIZ. BARRELS, CANS, DRUMS, KEGS, ETC.	34998	FABRICATED METAL PROD- UCTS, NEC
3492	METALS SAFES OR VAULTS	34999	FABRICATED METAL PROD- UCTS, NEC
34921	METAL SAFES OR VAULTS	35	MACHINERY EXC. SEE 36
3493	STEEL SPRINGS EXC. WIRE SPRINGS SEE 3481	351	ENGINES OR TURBINES
34931	STEEL SPRINGS EXC. WIRE SPRINGS SEE 34812	3511	STEAM ENGINES, TURBINES, TURBINE GENERATOR SETS, OR PARTS
3494	VALVES OR PIPE FITTINGS OR FABRICATED PIPE OR PIPE FITTINGS EXC. PLUM- BERS BRASS GOODS OR FIT- TINGS SEE 3432	35112	STEAM ENGINES, TURBINES, TURBINE GENERATOR SETS, OR PARTS
34941	METAL VALVES FOR PIPING, PLUMBING OR HEATING SYS- TEMS		
34942	METAL FITTINGS FOR SYSTEMS OR METAL UNIONS		

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3519	MISCELLANEOUS INTERNAL COMBUSTION ENGINES	353	CONSTRUCTION, MINING OR MATERIALS HANDLING MACHINERY OR EQUIPMENT
35195	OUTBOARD MOTORS OR PARTS		
35199	INTERNAL COMBUSTION ENGINES, NEC EXC. MISSILE OR SPACE VEHICLE SEE 37221-37222, MOTOR VEHICLE SEE 37144	3531	CONSTRUCTION MACHINERY EQUIPMENT
		35311	CONTRACTORS OFF-HIGHWAY WHEEL TRACTORS OR TRACTORS
352	FARM MACHINERY OR EQUIPMENT	35312	RAILWAY MAINTENANCE MACHINERY, EQUIPMENT OR PARTS, VIZ. LOCOMOTIVE CRANES, RAIL LAYERS, BALLAST SPREADERS, ETC.
3522	FARM MACHINERY OR EQUIPMENT		
35222	WHEEL TRACTORS, PARTS OR ATTACHMENTS EXC. GARDEN OR LAWN EQUIPMENT SEE 35241 OR CONTRACTORS OFF-HIGHWAY TRACTORS SEE 35311	35313	TRACKLAYING ATTACHMENTS OR PARTS OR CONTRACTORS OFF-HIGHWAY WHEEL OR TRACKED TRACTOR ATTACHMENTS OR PARTS
35223	PLANTING, SEEDING OR FERTILIZING MACHINERY OR PARTS	35314	POWER CRANES, DRAGLINES, SHOVELS, TRACTORSHOVEL LOADERS OR PARTS
35224	PLOWS, LISTERS, HARROWS, ROLLERS, PULVERIZERS, STALK CUTTERS OR PARTS	35316	MIXERS, PAVER OR RELATED EQUIPMENT
		35318	SCRAPERS, GRADERS, ROLLERS OR OFF-HIGHWAY TRUCKS, TRAILERS OR WAGONS
35225	HARVESTING OR HAYERY OR PARTS		
35227	MACHINES FOR PREPARING CROPS FOR MARKET OR FOR USE	35319	CONSTRUCTION MACHINERY EQUIPMENT, NEC
35228	BARN, BARNYARD OR POULTRY EQUIPMENT	3532	MINING MACHINERY, EQUIPMENT OR PARTS EXC. OIL FIELD MACHINERY OR EQUIPMENT SEE 3533
35229	FARM MACHINERY OR EQUIPMENT, NEC		
		35321	UNDERGROUND MINING MACHINERY, EQUIPMENT OR PARTS
3524	GARDEN TRACTORS, LAWN OR GARDEN EQUIPMENT OR SNOW BLOWERS	35322	CRUSHING, PULVERIZING OR SCREENING PLANTS OR
35241	GARDEN TRACTORS, LAWN OR GARDEN EQUIPMENT OR SNOW BLOWERS	35329	MINING MACHINERY, EQUIPMENT OR PARTS, NEC EXC. OIL FIELD MACHINERY, EQUIPMENT OR PARTS SEE 35331-35339

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3533	OIL FIELD MACHINERY OR EQUIPMENT	3542	MACHINE TOOLS, METAL FORMING TYPES
35331	GAS OR OIL FIELD OR PRODUCTION MACHINERY, EQUIPMENT OR PARTS	35421	MACHINE TOOLS, METAL FORMING TYPES, OR PARTS
35339	GAS OR OIL FIELD MACHINERY OR TOOLS, NEC	3544	SPECIAL DIES, TOOLS, DIE SETS, JIGS OR FIXTURES
3534	ELEVATORS OR MOVING STAIRWAYS OR PARTS	35441	SPECIAL DIES, TOOLS, DIE SETS, JIGS OR DIE OR FIXTURES, OR INDUSTRIAL MOLDS OR PATTERNS
35341	ELEVATORS, MOVING STAIRWAYS, EQUIPMENT OR PARTS	3545	MACHINE TOOL ACCESSORIES OR MEASURING DEVICES
3535	CONVEYORS, CONVEYING EQUIPMENT OR PARTS	35451	MACHINE TOOL ACCESSORIES OR MEASURING DEVICES
35351	CONVEYORS, CONVEYING EQUIPMENT OR PARTS EXC. FARM ELEVATORS SEE 35229 OR HOISTS SEE 35361	3548	METALWORKING MACHINERY EXC. MACHINE TOOLS SEE 3541 OR 3542
3536	HOISTS, INDUSTRIAL OR MONORAIL SYSTEMS	35481	ROLLING MILL MACHINERY EQUIPMENT
35361	HOISTS	35484	AUTOMOTIVE MAINTENANCE EQUIPMENT OR AUTOMOBILE LIFTS OR RUNWAYS
35362	OVERHEAD TRAVELING OR MONORAIL SYSTEMS	35489	METALWORKING MACHINERY, NEC EXC. MACHINE TOOLS
3537	INDUSTRIAL TRUCKS, TRACTORS, TRAILERS OR STACKERS		SEE 35412 OR 35421
35371	INDUSTRIAL TRUCKS, TRACTORS, TRAILERS STACKERS, OR PARTS	355	SPECIAL INDUSTRY MACHINERY EXC. METAL WORKING MACHINERY SEE 3548
35373	INDUSTRIAL PALLETS, FORMS OR SKIDS, METAL EXC. WOOD AND IRON COMBINED SEE 24992	3551	FOOD PRODUCTS MACHINERY
354	METALWORKING MACHINERY EQUIPMENT	35511	DAIRY OR MILK PRODUCT PLANT MACHINERY OR MENT
3541	MACHINE TOOLS, METAL CUTTING TYPES	35512	BAKERY MACHINERY OR EQUIPMENT
35412	MACHINE TOOLS, METAL CUTTING TYPES, OR PARTS	35513	MEAT OR POULTRY PACKING PLANT MACHINERY
		35514	FRUIT OR VEGETABLE CANNING OR PACKING

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7	35515	BOTTLING MACHINERY EXC. DAIRY SEE 35511	35595	PETROLEUM REFINERY MA- CHINERY OR EQUIPMENT
	35516	FLOUR MILL OR GRAIN MILL MACHINERY	35596	COTTON GINNING MACHINERY OR EQUIPMENT
	35519	FOOD PRODUCTS MACHINERY, NEC	35597	CLAY WORKING MACHINERY VIZ. BRICK, TILE OR CE- RAMICS
	3552	TEXTILE MACHINERY, AT- TACHMENTS OR PARTS	35599	SPECIAL INDUSTRY MACHIN- ERY, NEC
	35522	TEXTILE MACHINERY, AT- TACHMENTS OR PARTS	356	GENERAL INDUSTRIAL MA- CHINERY OR EQUIPMENT
	3553	WOODWORKING MACHINERY	3561	INDUSTRIAL PUMPS OR ING EQUIPMENT OR AIR OR GAS COMPRESSORS
	35531	WOODWORKING MACHINERY	35611	INDUSTRIAL PUMPS, EQUIPMENT OR PARTS
	3554	PAPER INDUSTRIES MACHIN- ERY	35614	AIR OR GAS COMPRESSORS PARTS EXC. REFRIGERATION COMPRESSORS OR PARTS SEE 35854
	35541	PAPER INDUSTRIES MACHIN- ERY, PARTS OR	35619	INDUSTRIAL PUMPS, EQUIPMENT OR AIR OR GAS COMPRESSORS OR PARTS, BALL OR ROLLER BEARINGS
	3555	PRINTING TRADES OR EQUIPMENT	3562	BALL OR ROLLER BEARINGS, COMPLETE OR MOUNTED, OR PARTS
	35552	PRINTING TRADES OR EQUIPMENT EXC. PRINT- ERS MATRICES OR PLATES SEE 27911	3564	EXHAUST BLOWERS OR LATING FANS OR FILTERS
	3559	MISCELLANEOUS SPECIAL INDUSTRY MACHINERY	35641	INDUSTRIAL FANS OR BLOW- ERS
	35591	CHEMICAL MACHINERY OR EQUIPMENT VIZ. CHEMICAL MANUFACTURING INDUSTRIES ONLY	35642	DUST COLLECTION OR AIR PURIFICATION EQUIPMENT AIR WASHERS OR FILTERS
	35592	FOUNDRY MACHINERY OR EQUIPMENT EXC. METAL FURNACES SEE 35671 OR DUSTRIAL MOLDS OR PAT- TERNS SEE 35441	3566	MECHANICAL POWER TRANS- MISSION EQUIPMENT EXC. BALL OR ROLLER BEARINGS SEE 3562
	35594	PLASTIC OR RUBBER MACHINERY OR EQUIPMENT EXC. INDUSTRIAL MOLDS OR PATTERNS SEE 35441		

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35661	PLAIN BEARINGS	35761	SCALES OR BALANCES EXC. LABORATORY SEE 38113
35669	MECHANICAL EQUIPMENT, VIZ. FOR POWER TRANSMIS- SION ONLY	3579	MISCELLANEOUS OFFICE MACHINES
3567	INDUSTRIAL PROCESS FUR- NACES OR OVENS	35791	ADDRESSING, DICTATING OR DUPLICATING MACHINES
35671	INDUSTRIAL PROCESS FUR- NACES OR OVENS	35799	OFFICE MACHINES, NEC
3569	MISCELLANEOUS GENERAL INDUSTRIAL MACHINERY OR EQUIPMENT	358	SERVICE INDUSTRY
35691	MISCELLANEOUS GENERAL MACHINERY OR EQUIPMENT, NEC, OR PACKAGING OR WRAPPING MACHINES EXC. FOOD SEE 35511-35119, FILTERS, STRAINERS, HY- DRAULIC JACKS, CENTRIFU- see STCC 6001AA for full DESCRIPTION	3581	AUTOMATIC MERCHANDISING MACHINES (COIN OPERATED ONLY)
357	OFFICE, COMPUTING OR ACCOUNTING MACHINES	35811	AUTOMATIC MERCHANDISING MACHINES (COIN OPERATED ONLY)
3572	TYPEWRITERS OR PARTS	3582	COMMERCIAL LAUNDRY, DRY CLEANING OR PRESSING MACHINES
35721	TYPEWRITERS OR PARTS	35821	COMMERCIAL LAUNDRY MENT OR PRESSES
3573	ELECTRONIC DATA PROCESS- ING MACHINES OR ASSOCI- ATED EQUIPMENT EXC. WRITERS OR PARTS SEE	35822	COMMERCIAL DRY CLEANING EQUIPMENT OR CLOTHES PRESSES
35731	ELECTRONIC DATA PROCESS- ING MACHINES OR ASSOCI- ATED EQUIPMENT EXC. WRITERS OR PARTS SEE	3585	REFRIGERATORS OR REFRIG- ERATION MACHINERY OR COMPLETE AIR UNITS EXC. HOUSEHOLD REFRIGERATORS SEE 3632
3574	ACCOUNTING OR MACHINES OR CASH REGIS- TERS	35851	HEAT TRANSFER EQUIPMENT
35741	ACCOUNTING OR MACHINES OR CASH REGIS- TERS	35853	COMMERCIAL REFRIGERATION EQUIPMENT
3576	SCALES OR BALANCES EXC. LABORATORY SEE 3811	35854	COMPRESSORS OR UNITS, ALL REFRIGERANTS
		35855	CONDENSING UNITS, ALL REFRIGERANTS
		35856	ICE MAKING MACHINERY OR EQUIPMENT
		35857	AIR CONDITIONING, OR DEHUMIDIFYING EQUIP- MENT

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35859	REFRIGERATORS OR REFRIG- ERATION MACHINERY, NEC	35999	MACHINERY OR PARTS, NEC EXC. ELECTRICAL SEE 36 CARBURETORS, PISTONS, RINGS OR VALVES SEE 13592 2
3589	MISCELLANEOUS SERVICE INDUSTRY MACHINES OR INDUSTRIAL VACUUM CLEAN- ERS	36	ELECTRICAL MACHINERY, EQUIPMENT OR SUPPLIES
35891	COMMERCIAL COOKING OR FOOD WARMING EQUIPMENT	361	ELECTRICAL TRANSMISSION OR DISTRIBUTION
35892	COMMERCIAL OR INDUSTRIAL VACUUM CLEANERS, PARTS ATTACHMENTS	3611	ELECTRICAL MEASURING INSTRUMENTS OR TEST EQUIPMENT
35899	SERVICE INDUSTRY MA- CHINES, NEC, WATER SOFT- ENERS, PURIFIERS, FLOOR WAXING, POLISHING OR SCRUBBING MACHINES, CAR- PET SWEEPERS, MACHINES, ETC.	36111	ELECTRICAL METERS, WATT-HOUR, AMPERE-HOUR, DEMAND OR OTHER ING METERS OR PARTS
359	MISCELLANEOUS MACHINERY OR PARTS EXC. ELECTRICAL SEE 36	36112	TEST EQUIPMENT FOR TEST- ING ELECTRICAL OR RADIO COMMUNICATION CIRCUITS, OR MOTORS
3592	CARBURETORS, PISTONS, RINGS OR VALVES	36113	INDICATING, MEASURING OR RECORDING INSTRUMENTS (ELECTRICAL QUALITIES OR CHARACTERISTICS)
35921	CARBURETORS, PISTONS OR PISTON RINGS	3612	POWER, DISTRIBUTION OR SPECIALTY TRANSFORMERS EXC. RADIO OR VOICE FRE-
35922	INTAKE OR EXHAUST INTERNAL COMBUSTION EN- GINE		QUENCY CHOKES, COILS OR TRANSFORMERS SEE 3679 OR RESISTOR WELDING TRANS- FORMERS SEE 3623
3599	MISCELLANEOUS MACHINERY OR PARTS EXC. ELECTRICAL SEE 36 OR CARBURETORS, PISTONS, RINGS OR VALVES SEE 3592	36121	TRANSFORMERS OR PARTS OR FLUORESCENT BALLASTS
35993	FLEXIBLE METAL HOSE OR TUBING EXC. FLEXIBLE CONDUIT SEE 36442	36123	POWER REGULATORS, ERS OR REACTORS
35994	AMUSEMENT OR CARNIVAL MACHINES OR EQUIPMENT EXC. COIN OPERATED SEE 39992	36129	POWER, DISTRIBUTION OR SPECIALTY TRANSFORMERS, NEC EXC. RADIO OR VOICE FREQUENCY CHOKES, COILS OR TRANSFORMERS SEE OR RESISTOR WELDING TRANSFORMERS SEE 36231

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3613	SWITCHGEAR OR APPARATUS EXC. CURRENT CARRYING WIRING DEVICES SEE 3643 OR INDUSTRIAL CONTROLS SEE 3622	36231	ARC OR RESISTANCE MACHINES, COMPONENTS OR ACCESSORIES EXC. ELECTRODES SEE 36232
36131	SWITCHGEAR OR APPARATUS OR POWER SWITCHGEAR ASSEMBLIES OR OTHER SWITCHING OR RUPTING DEVICES	36232	ARC WELDING ELECTRODES EXC. CARBON ELECTRODES SEE 36241
36132	CIRCUIT BREAKERS, FUSES OR FUSE EQUIPMENT	3624	CARBON OR GRAPHITE PRODUCTS FOR ELECTRICAL APPLICATION, OR CARBON ELECTRODES
362	ELECTRICAL INDUSTRIAL APPARATUS	36241	CARBON OR GRAPHITE PRODUCTS FOR ELECTRICAL APPLICATION, OR CARBON ELECTRODES
3621	MOTORS OR GENERATORS	3629	MISCELLANEOUS ELECTRICAL INDUSTRIAL APPARATUS
36211	MOTORS	36291	CAPACITORS FOR USE EXC. FOR ELECTRONIC APPLICATION SEE 36791
36212	GENERATORS EXC. FOR LAND TRANSPORTATION SEE 36213	36292	RECTIFYING APPARATUS OR PARTS
36213	LAND TRANSPORTATION MOTORS, GENERATORS OR CONTROL EQUIPMENT OR PARTS	36299	ELECTRICAL INDUSTRIAL APPARATUS, NEC
36214	PRIME MOVER GENERATOR SETS EXC. STEAM OR HYDRAULIC TURBINE SEE	363	HOUSEHOLD APPLIANCES
36215	MOTOR GENERATOR SETS, ELECTRIC	3631	HOUSEHOLD COOKING EQUIPMENT, ALL TYPES EXC. SMALL COOKING APPLIANCES SEE 3634
36216	PARTS OR SUPPLIES FOR MOTORS, GENERATORS OR MOTOR GENERATOR SETS LAND TRANSPORTATION SEE 36213	36311	HOUSEHOLD RANGES, OVENS OR SURFACE COOKING MENT, OR PARTS, ALL
36219	MOTORS OR GENERATORS,	3632	HOUSEHOLD REFRIGERATORS OR HOME OR FARM ALL TYPES
3622	INDUSTRIAL CONTROLS OR PARTS	36321	HOUSEHOLD REFRIGERATORS OR HOME OR FARM ALL TYPES
36221	INDUSTRIAL CONTROLS OR PARTS	3633	HOUSEHOLD LAUNDRY EQUIPMENT
3623	WELDING APPARATUS		

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36331	HOUSEHOLD WASHING MACHINES OR DRYERS OR WASHER-DRYER OR PARTS	3639	MISCELLANEOUS HOUSEHOLD APPLIANCES
36332	OTHER HOUSEHOLD LAUNDRY EQUIPMENT, IRONING MACHINES, WRINGERS, OR PARTS	36392 36393	WATER HEATERS, ALL TYPES HOUSEHOLD DISHWASHING MACHINES
3634	ELECTRIC HOUSEWARES OR FANS	36399	HOUSEHOLD APPLIANCES, NEC, FLOOR WAXING OR POLISHING MACHINES, FOOD DISPOSERS OR OTHER HOUSEHOLD SERVICE MACHINES
36341	ELECTRIC FANS EXC. ATTIC FANS, OR COMMERCIAL OR INDUSTRIAL EXHAUST OR VENTILATING FANS OR PARTS SEE 35641	364	ELECTRIC LIGHTING OR EQUIPMENT
36343	SMALL ELECTRIC COOKING HEATING APPLIANCES EXC. WATER HEATERS SEE 36392	3641	ELECTRIC LAMPS (BULBS ONLY)
36346	SMALL HOUSEHOLD ELECTRIC APPLIANCES, ATTACHMENTS OR PARTS EXC. COOKING OR HEATING APPLIANCES SEE 36343 OR FANS SEE 36341	36411	ELECTRIC LAMPS (BULBS ONLY) OR SEALED BEAM LAMPS
36347	PERSONAL ELECTRIC APPLIANCES, ATTACHMENTS OR PARTS, VIZ. DRY SHAVERS, MANICURE SETS, PORTABLE HAIRDRIERS, RAZORS, BRUSHES, ETC.	3642	LIGHTING FIXTURES
36349	ELECTRIC HOUSEWARES, ELECTRIC CAN OPENERS, KNIFE SHARPENERS, VAPORIZERS, ETC.	36421	ELECTRIC FIXTURES, RESIDENTIAL, COMMERCIAL, INSTITUTIONAL OR INDUSTRIAL TYPE
3635	HOUSEHOLD VACUUM	36424	VEHICULAR LIGHTING
36351	HOUSEHOLD VACUUM CLEANERS, PARTS OR	36425	MENT, ELECTRICAL OUTDOOR, AREA OR FLOOD LIGHTING EQUIPMENT, ALL TYPES
3636	SEWING MACHINES OR PARTS EXC. CASES OR CABINETS SEPARATELY SEE 2517	36429	LIGHTING FIXTURES OR PARTS, NEC, FLASHLIGHTS, LANTERNS, MINERS LIGHTS, EMERGENCY WARNING MERCURY OR SODIUM VAPOR LIGHTING OR RELATED EQUIPMENT
36361	SEWING MACHINES OR PARTS EXC. CASES OR CABINETS SEPARATELY SEE 25179	3643	CURRENT CARRYING WIRE DEVICES OR LIGHTNING
		36432	CONVENIENCE OR POWER OUTLETS OR SOCKETS

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36433	SWITCHES EXC. KNIFE, TIME, SOLENOID OR TIVE SEE 36131	3661	TELEPHONE OR TELEGRAPH EQUIPMENT
36434	LIGHTNING RODS	36611	TELEPHONE SWITCHING OR SWITCHBOARD EQUIPMENT
36435	OVERHEAD TROLLEY LINE MATERIAL EXC. POLES, OR CABLE, POLE LINE WARE, EXPANSION SHELLS PLUGS FOR ROOF BOLTING MINES SEE 36441	36612	TELEPHONE OR TELEGRAPH EQUIPMENT EXC. SWITCHING OR SWITCHBOARD EQUIPMENT SEE 36611
36439	CURRENT CARRYING WIRE DEVICES, NEC	3662	RADIO OR TELEVISION SMITTING EQUIPMENT OR APPARATUS, OR SIGNALING OR DETECTION EQUIPMENT APPARATUS
3644	NONCURRENT CARRYING WIR- ING DEVICES	36621	RADIO, TELEVISION TRANS- MITTING, SIGNALING OR DETECTION EQUIPMENT OR APPARATUS
36441	POLE LINE OR HARDWARE		
36442	ELECTRIC OR FLEXIBLE CONDUITS OR CONDUIT FIT- TINGS	367	ELECTRONIC COMPONENTS OR ACCESSORIES
36449	NONCURRENT CARRYING WIR- ING DEVICES, NEC	3671	ELECTRONIC TUBES EXC. X-RAY TUBES SEE 3693
365	RADIO OR TELEVISION RE- CEIVING SETS EXC. COMMU- NICATION TYPES SEE 366	36711	ELECTRONIC TUBES EXC. X-RAY TUBES SEE 36931
3651	RADIO OR TELEVISION RE- CEIVING SETS EXC. COMMU- NICATION TYPES SEE 3662	3674	SOLID STATE DEVICES
36511	HOUSEHOLD OR AUTOMOTIVE RADIOS OR COMBINATIONS	36741	SOLID STATE DEVICES, DIODES, TORS OR CELLS
36512	HOUSEHOLD TELEVISION RECEIVERS OR TELEVISION COMBINATIONS	3679	MISCELLANEOUS ELECTRONIC COMPONENTS OR
3652	PHONOGRAPH RECORDS	36791	MISCELLANEOUS ELECTRONIC COMPONENTS OR
36521	PHONOGRAPH RECORDS, RE- CORD BLANKS OR RECORD- ED TAPES	369	MISCELLANEOUS ELECTRICAL MACHINERY, EQUIPMENT OR SUPPLIES
366	COMMUNICATION EQUIPMENT	3691	STORAGE BATTERIES OR PLATES
		36911	STORAGE BATTERIES OR PLATES

STCC HEADERS

3692	PRIMARY BATTERIES (DRY WET)	37114	MOTOR COMBAT VEHICLES EXC. TRACKED SEE 9313
36921	PRIMARY BATTERIES (DRY WET)	37115	MOTOR PASSENGER CARS OR CAR CHASSIS, KNOCKED
3693	RADIOGRAPHIC X-RAY, ROSCOPIC X-RAY, TIC X-RAY OR OTHER X-RAY APPARATUS, OR X-RAY	37116	MOTOR BUSES, TRUCKS, MOTOR COACHES, FIRE DEPARTMENT VEHICLES OR TRUCK TRACTORS, OR CHASSIS, KNOCKED DOWN
36931	RADIOGRAPHIC X-RAY, ROSCOPIC X-RAY, TIC X-RAY OR OTHER X-RAY APPARATUS, OR X-RAY	37119	MOTOR VEHICLES, NEC, OR GOLF CARTS
3694	ELECTRICAL EQUIPMENT FOR INTERNAL COMBUSTION ENGINES	3712	PASSENGER MOTOR CAR BODIES
36941	ELECTRICAL EQUIPMENT FOR INTERNAL COMBUSTION ENGINES	37121	PASSENGER MOTOR CAR BODIES
3699	ELECTRICAL MACHINERY, EQUIPMENT OR SUPPLIES, NEC	3713	MOTOR BUS OR TRUCK
36999	ELECTRICAL MACHINERY, EQUIPMENT OR SUPPLIES, NEC, OR LAMP BULB COMPONENTS, EXC. GLASS BLANKS SEE 32292	37131	MOTOR TRUCK BODIES
		37132	MOTOR BUS BODIES
		3714	MOTOR VEHICLE PARTS OR ACCESSORIES
		37142	MOTOR VEHICLE
		37143	MOTOR VEHICLE FRAMES
37	TRANSPORTATION EQUIPMENT	37144	MOTOR CAR INTERNAL COMBUSTION ENGINES OR PARTS EXC. AIRCRAFT OR MISSILE ENGINES OR PARTS SEE 37221-37222 OR OTHER
371	MOTOR VEHICLES OR EQUIPMENT		MOTOR VEHICLE INTERNAL COMBUSTION ENGINES OR see STCC 6001AA for full DESCRIPTION
3711	MOTOR VEHICLES	37145	MOTOR VEHICLE BRAKES OR PARTS
37111	MOTOR PASSENGER OR AIR CARS, ASSEMBLED	37146	MOTOR VEHICLE STEERING GEARS OR PARTS
37112	MOTOR TRUCKS OR TRUCK TRACTORS, ASSEMBLED	37147	MOTOR VEHICLE BODY PARTS
37113	MOTOR COACHES, TROLLEY BUSES OR FIRE VEHICLES, ASSEMBLED EXC. CHEMICAL FIRE	37148	MOTOR VEHICLE WHEELS OR PARTS
	ING EQUIPMENT OR PARTS SEE 39991		

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37149	MOTOR VEHICLE OR PARTS, NEC, INCLUDING MIXED LOADS	37324	CAR FLOATS, PONTOON OR PORTABLE BRIDGES
3715	TRUCK TRAILERS	37329	SHIPS, BOATS OR PARTS, NEC
37151	TRUCK TRAILERS	374	RAILROAD EQUIPMENT
372	AIRCRAFT OR PARTS	3741	LOCOMOTIVES OR PARTS
3721	AIRCRAFT EXC. GUIDED MISSILES, ASSEMBLED, SEE 1925	37411	LOCOMOTIVES OR TENDERS
37211	COMPLETE MILITARY AIR- CRAFT	37413	PARTS FOR LOCOMOTIVES, ALL TYPES
37213	COMPLETE COMMERCIAL, PERSONAL OR UTILITY TYPE TRANSPORT AIRCRAFT (PAS- SENGER OR CARGO)	3742	RAILROAD OR STREET CARS EXC. RAILWAY MAINTENANCE MACHINERY, EQUIPMENT OR PARTS SEE 3531
3722	AIRCRAFT, MISSILE OR SPACE VEHICLE ENGINES OR PARTS	37421	PASSENGER TRAIN CARS
37221	AIRCRAFT ENGINES OR	37422	FREIGHT TRAIN CARS
37222	MISSILE OR SPACE VEHICLE ENGINES OR PARTS	37423	STREET CARS OR SELF-PROPELLED RAILROAD CARS
3723	AIRCRAFT PROPELLERS OR PROPELLER PARTS	37424	MAINTENANCE OR REPAIR CARS VIZ. WEED BURNERS, INSPECTION, ETC.
37231	AIRCRAFT PROPELLERS OR PARTS	37426	RAILROAD CAR WHEELS
3729	MISCELLANEOUS AIRCRAFT PARTS OR EQUIPMENT, NEC	37428	PARTS OR ACCESSORIES FOR RAILROAD OR STREET CARS EXC. WHEELS SEE 37426
37299	AIRCRAFT PARTS, NEC, OR AUXILIARY EQUIPMENT, NEC	37429	PARTS OR ACCESSORIES FOR RAILROAD OR STREET CARS EXC. WHEELS SEE 37426
373	SHIPS OR BOATS	375	MOTORCYCLES, BICYCLES OR PARTS
3732	SHIPS OR BOATS	3751	MOTORCYCLES, BICYCLES OR PARTS EXC. VELOCIPEDES, TRICYCLES OR PARTS SEE 3943
37321	INBOARD MOTOR BOATS	37511	MOTORBIKES, MOTORCYCLES, MOTORSCOOTERS OR BODIES, CHASSIS OR SIDE CARS
37322	OUTBOARD MOTOR BOATS		
37323	NONPROPELLED SHIPS ES OR DREDGES)		

STCC HEADERS

37512	BICYCLES	38	INSTRUMENTS, GOODS, OPTICAL GOODS, WATCHES OR CLOCKS
37513	PARTS OR ACCESSORIES, BICYCLE, MOTORBIKE, MO- TORCYCLE OR MOTORSCOOTER	381	ENGINEERING, LABORATORY OR SCIENTIFIC
376	GUIDED MISSILE OR SPACE VEHICLE PARTS, NEC, OR AUXILIARY EQUIPMENT	3811	ENGINEERING, LABORATORY OR SCIENTIFIC
3769	GUIDED MISSILE OR SPACE VEHICLE PARTS, NEC, OR AUXILIARY EQUIPMENT	38111	AIRCRAFT FLIGHT, OR NAVIGATIONAL INSTRU- MENTS, OR AUTOMATIC PI- LOTS
37691	GUIDED MISSILE OR SPACE VEHICLE PARTS, NEC, OR AUXILIARY EQUIPMENT	38112	SURVEYING OR DRAFTING INSTRUMENTS
379	MISCELLANEOUS TION EQUIPMENT	38113	LABORATORY OR SCIENTIFIC INSTRUMENTS, OR
3791	TRAILER COACHES	38119	ENGINEERING, LABORATORY OR SCIENTIFIC INSTRU- MENTS, NEC
37911	TRAILER COACHES, HOUSING TYPE	382	MEASURING, CONTROLLING INDICATING INSTRUMENTS
37912	TRAVEL TRAILERS OR CAMP- ERS	3821	MECHANICAL MEASURING OR CONTROLLING INSTRUMENTS EXC. AUTOMATIC TEMPERA- TURE CONTROLS SEE 3822
3799	TRANSPORTATION NEC	38212	GAS, WATER OR OTHER LIQ- UID METERS OR RECORDING DEVICES
37992	HORSE-DRAWN OR SIMILAR VEHICLES EXC. SLEIGHS OR SLEDS SEE 37995	38213	WEATHER MEASURING MENTS OR GAUGES
37993	HAND CARTS, WAGONS, WHEELBARROWS, OR PARTS	38219	MECHANICAL MEASURING OR CONTROLLING INSTRUMENTS, NEC
37994	HORSE-DRAWN OR SIMILAR VEHICLE PARTS EXC. OR SLED PARTS SEE 37995	3822	AUTOMATIC TEMPERATURE CONTROLS
37995	SLEIGHS, SLEDS OR PARTS, HORSE-DRAWN	38221	AUTOMATIC TEMPERATURE CONTROLS
37999	TRANSPORTATION PARTS OR ACCESSORIES, EXC. INDUSTRIAL TRUCKS, TRACTORS, TRAILERS OR STACKERS OR PARTS SEE 35371 OR 35372	383	OPTICAL INSTRUMENTS OR LENSES

STCC HEADERS

3831	OPTICAL INSTRUMENTS OR LENSES	3861	PHOTOGRAPHIC EQUIPMENT SUPPLIES
38311	OPTICAL INSTRUMENTS, LENSES, RANGE OR HEIGHT FINDERS EXC. SIGHT OR FIRE CONTROL EQUIPMENT SEE 19411	38612	PHOTOGRAPHIC DEVELOPING, PHOTOCOPY, MICROFILMING, BLUEPRINTING, VAN DYKE WHITE PRINTING EQUIPMENT
384	SURGICAL, MEDICAL OR DENTAL INSTRUMENTS OR SUPPLIES	38613	STILL OR MOTION PICTURE EQUIPMENT, FILM OR PARTS
3841	SURGICAL OR MEDICAL INSTRUMENTS OR APPARATUS	38615	PHOTOGRAPHIC SENSITIZED FILM, PLATES, IC PAPER OR CLOTH
38411	SURGICAL OR MEDICAL INSTRUMENTS OR APPARATUS	38618	PREPARED PHOTOGRAPHIC CHEMICALS
38412	HOSPITAL, DENTAL, OPTICIANS OR OPERATING ROOM FURNITURE EXC. HOSPITAL BEDS SEE 25991	38619	PHOTOGRAPHIC EQUIPMENT SUPPLIES, NEC
3842	ORTHOPEDIC, PROSTHETIC SURGICAL SUPPLIES OR APPLIANCES	387	WATCHES, CLOCKS, CLOCK-WORK OPERATED DEVICES, PARTS
38421	ORTHOPEDIC, PROSTHETIC SURGICAL SUPPLIES OR APPLIANCES	3871	WATCHES, CLOCKS, CLOCK-WORK OPERATED DEVICES, PARTS
3843	DENTAL EQUIPMENT OR SUPPLIES	38711	WATCHES, CLOCKS, CLOCK-WORK OPERATED DEVICES, PARTS
38431	DENTAL INSTRUMENTS, SUPPLIES OR EQUIPMENT	39	MISCELLANEOUS PRODUCTS MANUFACTURING
385	OPHTHALMIC OR OPTICIANS GOODS	391	JEWELRY, SILVERWARE OR PLATED WARE
3851	OPHTHALMIC OR OPTICIANS GOODS	3914	SILVERWARE OR PLATED
38511	SPECTACLES, EYEGLASSES, SUNGLASSES OR RELATED OPHTHALMIC OR OPTICIANS GOODS EXC. OPTICAL INSTRUMENTS OR LENSES SEE 38311	39141	SILVERWARE, PLATED WARE, STAINLESS STEEL WARE OR FLATWARE
386	PHOTOGRAPHIC EQUIPMENT SUPPLIES	393	MUSICAL INSTRUMENTS OR PARTS
		3931	MUSICAL INSTRUMENTS OR PARTS
		39311	PIANOS

STCC HEADERS

39312	ORGANS	39493	BOWLING ALLEYS, BALLS, SUPPLIES, OR PARTS
39313	PIANO OR ORGAN PARTS		
39319	MUSICAL INSTRUMENTS, ACCESSORIES OR PARTS INSTRUMENT BENCHES SEE 25112 OR INSTRUMENT SEE 31611	39494	GOLF CLUBS, BALLS, MENT, SUPPLIES OR PARTS
394	TOYS, AMUSEMENT, OR ATHLETIC GOODS	39496	TENNIS, BADMINTON, BASE- BALL, CRICKET, SOFTBALL, FOOTBALL, BASKETBALL, SOCCER OR HOCKEY EQUIP- MENT, SUPPLIES, PARTS, BALLS
3941	GAMES OR TOYS EXC. DOLLS OR STUFFED TOY ANIMALS SEE 3942, CHILDRENS CLES SEE 3943	39497	PLAYGROUND OR GYMNASIUM EQUIPMENT OR PARTS
39411	GAMES OR TOYS EXC. DOLLS OR STUFFED TOY ANIMALS SEE 39421, CHILDRENS VEHICLES SEE 39431-39439	39499	SPORTING OR ATHLETIC GOODS OR PARTS, NEC
3942	DOLLS OR STUFFED TOY ANIMALS	395	PENS, PENCILS, OR OTHER OFFICE MATERIALS, OR ARTISTS MATERIALS
39421	DOLLS OR STUFFED TOY ANIMALS	3951	PENS OR PARTS
3943	CHILDRENS VEHICLES OR PARTS, NEC EXC. BICYCLES OR MOTORCYCLES, OR PARTS SEE 3751	39511	PENS OR PARTS
39431	BABY OR DOLL CARRIAGES, STROLLERS OR WALKERS	3952	PENCILS, CRAYONS, OR ARTISTS MATERIALS
39439	CHILDRENS VEHICLES OR PARTS, NEC EXC. BICYCLES OR MOTORCYCLES, OR PARTS SEE 37511-37513	39521	PENCILS OR CRAYONS
3949	SPORTING OR ATHLETIC GOODS	39522	ARTISTS MATERIALS
39491	FISHING TACKLE, EQUIP- MENT OR PARTS	3953	MARKING DEVICES
39492	BILLIARD OR POOL TABLES, PLAYING SUPPLIES, BALLS, CUE OR PARTS	39531	MARKING DEVICES
		3955	CARBON PAPER OR INKED RIBBONS
		39551	CARBON OR STENCIL PAPER OR INK RIBBONS
		396	COSTUME JEWELRY, NOVELTIES OR NOTIONS
		3961	COSTUME JEWELRY OR TIES EXC. PRECIOUS METAL SEE 3911
		39611	COSTUME JEWELRY OR TIES EXC. PRECIOUS METAL SEE 39111

STCC HEADERS

3962	FEATHERS, PLUMES OR FICIAL OR DECORATIVE FLOWERS OR FRUITS EXC. GLASS SEE 3229	3993	SIGNS OR ADVERTISING DISPLAYS
39621	FEATHERS, PLUMES OR FICIAL, DECORATIVE OR PRESERVED FLOWERS OR FRUITS EXC. GLASS SEE 32299, DECORATIVE EVER- GREENS, HOLLY OR MISTLE- TOE, OR FERNS, OR LIVE see STCC 6001AA for full DESCRIPTION	39931	LUMINOUS TUBING OR BULB SIGNS
3963	BUTTONS	39932	NONELECTRIC ADVERTISING SIGNS, DISPLAYS OR TIES EXC. ROAD OR SIGNS SEE 39934 OR PAPER OR PAPERBOARD DISPLAYS OR NOVELTIES SEE 26499
39631	BUTTONS OR PARTS EXC. PRECIOUS OR METALS OR PRECIOUS OR SEMI-PRECIOUS STONES	39934	NONELECTRIC ROAD OR FIC SIGNS
3964	NEEDLES, PINS, HOOKS, EYES OR SIMILAR NOTIONS	3994	MORTICIANS GOODS
39641	ZIPPERS OR SLIDE FASTEN- ERS	39941	MORTICIANS GOODS
39642	NEEDLES, PINS, FASTENERS OR SIMILAR NOTIONS EXC. SLIDE FASTENERS SEE	3996	MATCHES
399	MISCELLANEOUS MANUFAC- TURED PRODUCTS	39961	MATCHES
3991	BROOMS OR BRUSHES FOR CARPET SWEEPERS, VACUUM CLEANERS OR OTHER ROTARY MACHINES, OR PAINT ROLL- ERS	3997	FURS, DRESSED OR DYED
39911	BROOMS OR BRUSHES FOR CARPET SWEEPERS, VACUUM CLEANERS OR OTHER ROTARY MACHINES, OR PAINT ROLL- ERS	39971	FURS, DRESSED OR DYED
3992	COVERINGS, FACING OR FLOORING	3999	MANUFACTURED PRODUCTS, NEC
39921	COVERINGS, FACING OR FLOORING	39991	CHEMICAL FIRE ING EQUIPMENT OR PARTS
		39992	COIN OPERATED AMUSEMENT OR SERVICE MACHINES
		39993	BEAUTY OR BARBER SHOP FURNITURE OR EQUIPMENT
		39994	HAIR WORK, VIZ. BRAIDS, NETS, SWITCHES, TOUPEES, WIGS, ETC.
		39995	TOBACCO PIPES, CIGARETTE HOLDERS, ACCESSORIES OR PARTS
		39996	CHRISTMAS TREE OR DECORATIONS EXC. CHRIST- MAS TREE BULBS OR SETS SEE 36999

STCC HEADERS

39998	MISCELLANEOUS MANUFACTURED PRODUCTS, NEC	40251	CHEMICAL OR PETROLEUM WASTE, INCLUDING SPENT
39999	MISCELLANEOUS MANUFACTURED PRODUCTS, NEC	4026	RUBBER OR PLASTIC SCRAP OR WASTE
40	WASTE OR SCRAP MATERIALS NOT IDENTIFIED BY PRODUCING INDUSTRY	40261	RUBBER OR PLASTIC SCRAP OR WASTE
401	ASHES	4027	STONE, CLAY OR GLASS WASTE OR SCRAP
4011	ASHES	40271	STONE, CLAY OR GLASS WASTE OR SCRAP
40112	ASHES	4028	LEATHER WASTE OR SCRAP
402	WASTE OR SCRAP EXC. SEE 401	40281	LEATHER WASTE OR SCRAP
4021	METAL SCRAP, WASTES OR TAILINGS	4029	MISCELLANEOUS WASTE OR SCRAP
40211	IRON OR STEEL SCRAP, WASTES OR TAILINGS	40291	WASTE OR SCRAP, NEC
40212	BRASS, BRONZE, COPPER OR ALLOY SCRAP, TAILINGS OR WASTES	41	MISCELLANEOUS FREIGHT SHIPMENTS
40213	LEAD, ZINC OR ALLOY SCRAP, TAILINGS OR	411	MISCELLANEOUS FREIGHT SHIPMENTS
40214	ALUMINUM OR ALLOY SCRAP, TAILINGS OR WASTES	4111	MISCELLANEOUS FREIGHT SHIPMENTS
40219	NONFERROUS METAL OR SCRAP, TAILINGS OR WASTES, NEC	41111	OUTFITS OR KITS
4022	TEXTILE WASTE, SCRAP OR SWEEPINGS	41112	USED PLANT OR OFFICE EQUIPMENT, RECORDS OR SUPPLIES
40221	TEXTILE WASTE, SCRAP OR SWEEPINGS	41113	RAILWAY CARS, OTHER THAN NEW
4023	WOOD SCRAP OR WASTE	41114	ARTICLES, USED EXC. REPAIR OR RECONDITIONING SEE 41115, RETURNED
40231	WOOD SCRAP OR WASTE		PTY SEE 42111 OR 142112 OR REMELTING SEE 402 1 OR 4029
4024	PAPER WASTE OR SCRAP	41115	ARTICLES, USED, RETURNED FOR REPAIR OR RECONDITIONING
40241	PAPER WASTE OR SCRAP		
4025	CHEMICAL OR PETROLEUM WASTE, INCLUDING SPENT		

STCC HEADERS

41116	HOUSEHOLD GOODS OR EMI-GRANT MOVABLES	42112	NONREVENUE MOVEMENT OF SHIPPING DEVICES, CONSISTING OF BLOCKING, BOLSTERS, CRADLES, PALLETS, RACKS, SKIDS, EMPTY, RETURNING IN REVERSE OF ROUTE USED IN
41117	MILITARY IMPEDIMENTA		see STCC 6001AA for full DESCRIPTION
41118	USED VEHICLES	42113	NONREVENUE REJECTED SHIPMENTS
41119	MISCELLANEOUS FREIGHT SHIPMENTS, NEC	422	TRAILERS, RETURNED EMPTY
412	SPECIAL COMMODITIES NOT TAKEN IN REGULAR FREIGHT SERVICE	4221	TRAILERS, RETURNED EMPTY
4121	SPECIAL COMMODITIES NOT TAKEN IN REGULAR FREIGHT SERVICE	42211	TRAILERS, SEMI-TRAILERS, OR CONTAINERS, RETURNED EMPTY
41211	SPECIAL COMMODITIES NOT TAKEN IN REGULAR FREIGHT SERVICE	423	REVENUE MOVEMENT OF CONTAINERS, CARRIERS OR DEVICES, SHIPPING, RETURNING IN REVERSE OF ROUTE USED IN LOADED MOVEMENT, AND SO CERTIFIED
42	CONTAINERS, CARRIERS OR DEVICES, SHIPPING, RETURNED EMPTY	4231	REVENUE MOVEMENT OF CONTAINERS, CARRIERS OR DEVICES, SHIPPING, RETURNING IN REVERSE OF ROUTE USED IN LOADED MOVEMENT, AND SO CERTIFIED
421	NONREVENUE MOVEMENT OF CONTAINERS, CARRIERS OR DEVICES, SHIPPING, RETURNING IN REVERSE OF ROUTE USED IN LOADED MOVEMENT, AND SO CERTIFIED	42311	REVENUE MOVEMENT OF CONTAINERS, BAGS, BARRELS, BOTTLES, BOXES, CRATES, CORES, DRUMS, KEGS, REELS, TUBES, OR CARRIERS, NEC, EMPTY, RETURNING IN REVERSE OF ROUTE
4211	NONREVENUE MOVEMENT OF CONTAINERS, CARRIERS OR DEVICES, SHIPPING, RETURNING IN REVERSE OF ROUTE USED IN LOADED MOVEMENT, AND SO CERTIFIED	42312	REVENUE MOVEMENT OF PIPING DEVICES, CONSISTING OF BLOCKING, BOLSTERS, CRADLES, PALLETS, RACKS, SKIDS, ETC. , EMPTY,
42111	NONREVENUE MOVEMENT OF CONTAINERS, BAGS, BARRELS, BOTTLES, BOXES, CRATES, CORES, DRUMS, KEGS, REELS, TUBES, OR CARRIERS, NEC, EMPTY, RETURNING IN REVERSE OF		see STCC 6001AA for full DESCRIPTION

STCC HEADERS

43	MAIL, EXPRESS OR OTHER CONTRACT TRAFFIC		RETURNING IN REVERSE OF ROUTE USED IN LOADED see STCC 6001AA for full
		462	MIXED SHIPMENTS, 2 OR MORE MAJOR GROUPS VIZ. COMMODITIES REPRESENTING TWO OR MORE MAJOR STCC GROUPS, WHERE IT IS IM- POSSIBLE TO DETERMINE PREDOMINANT GROUP, FOR see STCC 6001AA for full DESCRIPTION
431	MAIL AND EXPRESS TRAFFIC		
4311	MAIL AND EXPRESS TRAFFIC		
43111	MAIL		
43115	EXPRESS		
432	OTHER CONTRACT TRAFFIC	4621	MIXED SHIPMENTS, 2 OR MORE MAJOR GROUPS VIZ. COMMODITIES REPRESENTING TWO OR MORE MAJOR STCC GROUPS, WHERE IT IS IM- POSSIBLE TO DETERMINE PREDOMINANT GROUP, FOR see STCC 6001AA for full DESCRIPTION
4321	OTHER CONTRACT TRAFFIC		
43211	TRAILER TRAIN CONTRACT TRAFFIC		
44	FREIGHT FORWARDER		
441	FREIGHT FORWARDER		
4411	FREIGHT FORWARDER	46211	MIXED SHIPMENTS, 2 OR MORE MAJOR GROUPS VIZ. COMMODITIES REPRESENTING TWO OR MORE MAJ OR STCC GROUPS, WHERE IT S IM- POSSIBLE TO INE THEPREDOMINANT see STCC 6001AA for full DESCRIPTION
44111	FREIGHT FORWARDER		
45	SHIPPER ASSOCIATION OR SIMILAR TRAFFIC		
451	SHIPPER ASSOCIATION OR SIMILAR TRAFFIC		
4511	SHIPPER ASSOCIATION OR SIMILAR TRAFFIC	47	SMALL PACKAGED FREIGHT SHIPMENTS
45111	SHIPPER ASSOCIATION OR SIMILAR TRAFFIC	471	SMALL PACKAGED FREIGHT SHIPMENTS
46	MISCELLANEOUS MIXED SHIPMENTS	4711	SMALL PACKAGED FREIGHT SHIPMENTS
461	MISCELLANEOUS MIXED SHIP- MENTS EXC. FORWARDER SEE 441, OR SHIPPER ASSOCIA- TION SEE 451	47111	SMALL PACKAGED FREIGHT SHIPMENTS VIZ. LESS THAN CARLOAD, TRUCKLOAD, ETC.
4611	MISCELLANEOUS MIXED MENTS, NEC EXC. SEE 4411, OR SHIPPER ASSOCIATION SEE 4511	48	WASTE HAZARDOUS OR WASTE HAZARDOUS SUB- STANCES
46111	ALL FREIGHT RATE SHIP- MENTS, NEC, OR TRAIL- ER-ON-FLAT-CAR (TOFC) SHIPMENTS EXC. WHERE IDENTIFIED BY COMMODITY	4804	WASTE NONFLAMMABLE COMPRESSED GASES
		48041	WASTE NONFLAMMABLE COMPRESSED GASES

STCC HEADERS

48045	WASTE NONFLAMMABLE COMPRESSED GASES	48105	WASTE FLAMMABLE LIQUIDS, MISCELLANEOUS
4805	WASTE FLAMMABLE COMPRESSED GASES	4813	WASTE COMBUSTIBLE
48057	WASTE FLAMMABLE COMPRESSED GASES	48131	WASTE COMBUSTIBLE
48058	WASTE FLAMMABLE COMPRESSED GASES	4815	WASTE COMBUSTIBLE
4806	WASTE FLAMMABLE LIQUIDS	48151	WASTE COMBUSTIBLE
48066	WASTE FLAMMABLE LIQUIDS THERMALLY UNSTABLE AND CORROSIVE	48152	WASTE COMBUSTIBLE
4807	WASTE FLAMMABLE LIQUIDS	48153	WASTE COMBUSTIBLE
48072	WASTE FLAMMABLE LIQUIDS POLYMERIZABLE	48155	WASTE COMBUSTIBLE
48074	WASTE FLAMMABLE LIQUIDS	4816	WASTE FLAMMABLE SOLIDS
48078	POISONOUS WASTE FLAMMABLE LIQUIDS CORROSIVE, BASIC	48161	WASTE FLAMMABLE SOLIDS SPONTANEOUSLY OR DANGEROUS WHEN WET
4808	WASTE FLAMMABLE LIQUIDS	48162	WASTE FLAMMABLE SOLIDS SPONTANEOUSLY OR DANGEROUS WHEN WET
48081	WASTE FLAMMABLE LIQUIDS	48163	WASTE FLAMMABLE SOLIDS SPONTANEOUSLY OR DANGEROUS WHEN WET
48082	WASTE FLAMMABLE LIQUIDS	48164	WASTE FLAMMABLE SOLIDS SPONTANEOUSLY OR DANGEROUS WHEN WET
4809	WASTE FLAMMABLE LIQUIDS	48166	WASTE FLAMMABLE SOLIDS SPONTANEOUSLY OR DANGEROUS WHEN WET
48091	WASTE FLAMMABLE LIQUIDS	48167	WASTE FLAMMABLE SOLIDS SPONTANEOUSLY OR DANGEROUS WHEN WET
48092	WASTE FLAMMABLE LIQUIDS	4817	WASTE FLAMMABLE SOLIDS
48093	WASTE FLAMMABLE LIQUIDS	48171	WASTE FLAMMABLE SOLIDS SPONTANEOUSLY OR DANGEROUS WHEN WET
4810	WASTE FLAMMABLE LIQUIDS, MISCELLANEOUS	48173	WASTE FLAMMABLE SOLIDS SPONTANEOUSLY OR DANGEROUS WHEN WET
48101	WASTE FLAMMABLE LIQUIDS, MISCELLANEOUS	4818	WASTE OXIDIZING
48102	WASTE FLAMMABLE LIQUIDS, MISCELLANEOUS		
48103	WASTE FLAMMABLE LIQUIDS, MISCELLANEOUS		

STCC HEADERS

48181	WASTE OXIDIZING	48281	WASTE RADIOACTIVE MATERIALS
48183	WASTE OXIDIZING		
48185	WASTE OXIDIZING	48282	WASTE RADIOACTIVE MATERIALS
48187	WASTE OXIDIZING	4829	WASTE RADIOACTIVE MATERIALS
4821	WASTE POISONOUS		
48212	WASTE POISONOUS	48292	WASTE RADIOACTIVE MATERIALS
48214	WASTE POISONOUS		
48215	WASTE POISONOUS	4830	WASTE CORROSIVE
4823	WASTE POISONOUS	48300	WASTE CORROSIVE MATERIALS, ACIDIC, POISONOUS
48231	WASTE POISONOUS	48302	WASTE CORROSIVE MATERIALS, ACIDIC
48232	WASTE POISONOUS	4831	WASTE CORROSIVE
48233	WASTE POISONOUS	48313	WASTE CORROSIVE
48234	WASTE POISONOUS		
48235	WASTE POISONOUS	48314	WASTE CORROSIVE
4825	WASTE INFECTIOUS SUBSTANCES	48317	WASTE CORROSIVE
48259	WASTE INFECTIOUS SUBSTANCES	4832	WASTE CORROSIVE
4826	WASTE RADIOACTIVE MATERIALS	48323	WASTE CORROSIVE
48262	WASTE RADIOACTIVE MATERIALS	4833	WASTE CORROSIVE
48263	WASTE RADIOACTIVE MATERIALS	48330	WASTE CORROSIVE
4827	WASTE RADIOACTIVE MATERIALS	48333	WASTE CORROSIVE
48272	WASTE RADIOACTIVE MATERIALS	4834	WASTE CORROSIVE
48274	WASTE RADIOACTIVE MATERIALS	48342	WASTE CORROSIVE
48277	WASTE RADIOACTIVE MATERIALS, EMPTY CONTAINERS	4835	WASTE CORROSIVE
4828	WASTE RADIOACTIVE MATERIALS	48350	WASTE CORROSIVE
		48352	WASTE CORROSIVE
		48355	WASTE CORROSIVE
		48356	WASTE CORROSIVE
		4836	WASTE CORROSIVE
		48360	WASTE CORROSIVE
		48363	WASTE CORROSIVE

STCC HEADERS

48365	WASTE CORROSIVE	48613	WASTE MISCELLANEOUS HAZARDOUS MATERIALS
4840	WASTE MISCELLANEOUS HAZARDOUS MATERIALS	48616	WASTE MISCELLANEOUS HAZARDOUS MATERIALS
48403	WASTE MISCELLANEOUS HAZARDOUS MATERIALS	4862	WASTE MISCELLANEOUS HAZARDOUS MATERIALS
4841	WASTE MISCELLANEOUS HAZARDOUS MATERIALS	48621	WASTE MISCELLANEOUS HAZARDOUS MATERIALS
48411	WASTE MISCELLANEOUS HAZARDOUS MATERIALS	48623	WASTE MISCELLANEOUS HAZARDOUS MATERIALS
48412	WASTE MISCELLANEOUS HAZARDOUS MATERIALS	48625	WASTE MISCELLANEOUS HAZARDOUS MATERIALS
4844	WASTE MISCELLANEOUS HAZARDOUS MATERIALS	48626	WASTE MISCELLANEOUS HAZARDOUS MATERIALS
48441	WASTE MISCELLANEOUS HAZARDOUS MATERIALS	4863	WASTE MISCELLANEOUS HAZARDOUS MATERIALS
48443	WASTE MISCELLANEOUS HAZARDOUS MATERIALS	48631	WASTE MISCELLANEOUS HAZARDOUS MATERIALS
4845	WASTE MISCELLANEOUS HAZARDOUS MATERIALS	48633	WASTE MISCELLANEOUS HAZARDOUS MATERIALS
48455	WASTE MISCELLANEOUS HAZARDOUS MATERIALS	48637	WASTE MISCELLANEOUS HAZARDOUS MATERIALS
48457	WASTE MISCELLANEOUS HAZARDOUS MATERIALS	48638	WASTE MISCELLANEOUS HAZARDOUS MATERIALS
4850	WASTE MIXED FREIGHT	4866	WASTE MISCELLANEOUS HAZARDOUS MATERIALS
48501	WASTE MIXED FREIGHT	48661	WASTE MISCELLANEOUS HAZARDOUS MATERIALS
4860	WASTE MISCELLANEOUS HAZARDOUS MATERIALS	48663	WASTE MISCELLANEOUS HAZARDOUS MATERIALS
48601	WASTE MISCELLANEOUS HAZARDOUS MATERIALS	48666	WASTE MISCELLANEOUS HAZARDOUS MATERIALS
48606	WASTE MISCELLANEOUS HAZARDOUS MATERIALS	48667	WASTE MISCELLANEOUS HAZARDOUS MATERIALS
4861	WASTE MISCELLANEOUS HAZARDOUS MATERIALS	48669	WASTE MISCELLANEOUS HAZARDOUS MATERIALS
48611	WASTE MISCELLANEOUS HAZARDOUS MATERIALS		

STCC HEADERS

4871	WASTE STREAM FLAMMABLE
48712	WASTE STREAM FLAMMABLE LIQUIDS
48717	WASTE STREAM COMBUSTIBLE LIQUIDS
4875	WASTE STREAM OTHER REGULATED
48755	WASTE STREAM OTHER REGU- LATED MATERIALS
48756	WASTE STREAM OTHER REGU- LATED MATERIALS

SURFACE TRANSPORTATION BOARD CAR TYPE

DESCRIPTIONS AND CAR TYPE CODE - EFFECTIVE JANUARY 1, 2002

Note: These values will be updated as required

Schedule 710 Line Number	Description	Car Type Code
36	Plain Box Cars 40'	B1__ - B2__
37	Plain Box Cars 50' and longer	B3_0 -7, B4_0-7, B5__, B6__, B7__, B8__
38	Equipped Box Cars	All Code A except A_5_
39	Plain Gondola Cars	All Code G and J__1, J__2, J__3, and J__4
40	Equipped Gondola Cars	All Code E
41	Covered Hopper Cars	All Code C __1, __2, __3,__4
42	Open Top Hopper Cars - General Service	All Code H
43	Open Top Hopper Cars - Special Service	All Code K, J_0
44	Refrigerator Cars - Mechanical	R_5_, R_6_, R_7_, R_8, and R_9_
45	Refrigerator Cars - Non - Mechanical	R_0_, R_1_, and R_2_

Schedule 710 Line Number	Description	Car Type Code
46	Flat Cars TOFC/COFC	All Code P and Q and S except Q8__
47	Flat Cars - Multi-Level	All Code V
48	Flat Cars - General Service	F10_, F20_, and F30_
49	Flat Cars - Other	F_1_, F_2_, F_3_, F_4_, F_5_, F_6_, F_8_, and F40_
50	Tank Cars - Under 22,000 Gallons	T__0, T__1, T__2, T__3, T__4, and T__5
51	Tanks Cars - 22,000 Gallons And Over	T__6, T__7, T__8, and T__9
52	All Other Freight Cars	All Code L, Q8, A_5_ and F_7_
54	Caboose	Code M930

**BUSINESS SERVICES DIVISION
RAILINC**

UMLER Field Descriptions
Data Layout Detail, effective January, 2003

Description	Field Length	Format	Equipment Type
1) AAR Equipment Type Code	4	A	All

Alphanumeric, report the Equipment Type Code (see Exhibit D, Section IX) that corresponds to the car's Mechanical Designation and special attributes.

For articulated/multi-units, when the Equipment Type Code requires a load limit (Data No. 61), the Equipment Type Code must correspond to the total load limit of the unit.

Note: For reporting articulated/multi-units, see Section VII.

2) Cubic Feet Capacity-Actual	5	N	All
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Numeric actual, i.e., drawing dimension, inside volume of car in cubic feet—end to end, side to side, and from floor to carline.

Box (Note: If automobile box cars equipped with loading racks and can be loaded with other commodities, report a cubic capacity reduced the amount corresponding to the overall depth of the racks when raised in a stored position against roof of car.):

Minimum—02000 Maximum—11000

Gondola, Converted Hopper & Hopper (Note: For covered hoppers this field must agree with Equipment Type Code.):

Minimum—00400 Maximum—08500

Stock:

Minimum—01000 Maximum—10000

Refrigerator:

Minimum—01400 Maximum—06700

Note: For ARTICULATED/MULIT-UNIT SETS, report the sum of the units' cubic capacity. If total cubic capacity of the units is greater than 99999, report 99999. (For ARTICULATION see Section VII).

**UMLER Field Descriptions
Data Layout Detail, effective January, 2003**

Description	Field Length	Format	Equipment Type
3) Zeros (Formerly UMLER Nominal Capacity)	3	N	All

Note: Report zeros. If blanks are reported they will be output as zeros.

4) Tare Weight (00)	4	N	All
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DO NOT REPORT AN AVERAGE TARE WEIGHT FOR CAR SERIES (EXCEPT ADVANCE REGISTRATION).

Numeric, the actual light weight (tare) in hundreds of pounds for each car. If ARTICULATED, report in hundreds of pounds the sum of the lightweight, for the total number of units of the consist. Rounding instructions, e.g., actual 17550 report as 0175; actual 17551 report as 0176.

Note: When reporting new cars (except advance registration) and cars that have been reweighed, the Weighing Road (Data No. 46) and Weighing Date (Data No, 47) must be reported.

Box	Minimum—0160	Maximum—1600
Gondola	Minimum—0300	Maximum—1100
Covered Hopper and Hopper	Minimum—0230	Maximum—1200
Stock	Minimum—0300	Maximum—1200
Refrigerator	Minimum—0160	Maximum—1400

**UMLER Field Descriptions
Data Layout Detail, effective January, 2003**

Description	Field Length	Format	Equipment Type
5) Outside Dimensions—Length	5	N	All

Numeric distance over pulling faces of couplers in normal positions. For ARTICULATED/MULTI-UNIT sets report the maximum coupled length of the set. (For ARTICULATION see Section VII). *- Must be between 2 and 16 feet greater than inside length. Feet in Pos. 20-22, inches in Pos. 23-24. Round fraction to the higher inch, e.g., 05 ¼" = 06.

Box	Minimum—03000	Maximum—09811
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Gondola	Minimum—02500	Maximum—09500
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Exception: GT ore jenny (Equipment Type Code J__00)	Minimum—02400	Maximum--05111
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Covered Hopper and Hopper	Minimum—02000	Maximum—08011
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Exception: HMA ore jenny (Equipment Type Code K_8_):	Minimum—02000	Maximum--05111
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Stock (A_5_)	Minimum—03800	Maximum—09611
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Refrigerator	Minimum—03000	Maximum—09811
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Note 1: Articulated/Multi-Unit sets in excess of 1,000 feet, report 99911.

Note2: Cars having a Gross Rail Load (GRL) of 286,000 lbs. must have minimum outside length greater than 41' 11".

Note 3: The edit criteria for Articulated/Multi-Unit sets for the outside length is equal to or greater than the number of articulated units x the minimum edit parameter for the equipment type.
Ex: Box—5 x 03000 = 15000.

**UMLER Field Descriptions
Data Layout Detail, effective January, 2003**

Description	Field Length	Format	Equipment Type
6) Outside Dimensions/Upper Eaves Width	4	N	All

Numeric, measurement over top of eaves at side of car.

Must: (1) not exceed the outside extreme width, (2) not be greater than lower eaves width if lower eaves width is reported, (3) agree relationally with height from rail to upper eaves for clearance code reported (See Exhibit F, Section IX to cross check these two fields). Feet in Pos. 37-38, inches in Pos. 39-40. Round fraction to the higher inch, e.g., 05 ¼" = 06.

If clearance is A	Minimum—04 00	Maximum—10 10
If clearance is B	Minimum—04 00	Maximum—10 08
If clearance is C	Minimum—04 00	Maximum—10 08
If clearance is E	Minimum—04 00	Maximum—10 08
If clearance is F	Minimum—04 00	Maximum—10 08
If clearance exceeds plates B, C, E, F (Code G)	Minimum—04 00	Maximum—10 11

For ARTICULATED/MULIT-UNIT SETS, report the dimension of the largest UNIT in the set. (For ARTICULATION see Section VII).

7) Upper Eaves—Height	4	N	All
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Numeric, measurement is from rail to top of eaves at side of car.

Must: (1) not exceed extreme height, (2) not be less than the lower eaves height, if lower eaves height is reported, (3) agree relationally with upper eaves width for clearance code reported (See Exhibit F, Section IX to cross check these two fields). Feet in Pos. 41-42, inches in Pos. 43-44. Round fraction to the higher inch, e.g., 05 ¼" = 06.

Box, Stock, Refrigerator:

If clearance is A	Minimum—08 00	Maximum—15 01
If clearance is B	Minimum—08 00	Maximum—15 01
If clearance is C	Minimum—08 00	Maximum—15 06
If clearance is E	Minimum—08 00	Maximum—15 09
If clearance is F	Minimum—08 00	Maximum—17 00
If clearance exceeds plates B, C, E, F (Code G)	Minimum—08 00	Maximum—17 11

**UMLER Field Descriptions
Data Layout Detail, effective January, 2003**

Description	Field Length	Format	Equipment Type
7) Upper Eaves—Height (cont.)	4	N	All
Gondola, Covered Hopper & Hopper:			
If clearance is A	Minimum—02 00	Maximum—15 01	
If clearance is B	Minimum—02 00	Maximum—15 01	
If clearance is C	Minimum—02 00	Maximum—15 06	
If clearance is E	Minimum—02 00	Maximum—15 09	
If clearance is F	Minimum—02 00	Maximum—17 00	
If clearance exceeds plates B, C, E, F (Code G)	Minimum—02 00	Maximum—17 11	

For ARTICULATED/MULIT-UNIT SETS, report the dimension of the largest UNIT in the set. (For ARTICULATION see Section VII).

8) Outside Dimensions-Extreme Height	4	N	All
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Numeric, height from top of rail to extreme projection height, Feet in Pos. 33-34, inches in Pos. 35-36. Round fraction to the higher inch, e.g., 05 1/4" = 06.

If clearance is B	Minimum—02 00	Maximum—15 01	
If clearance is C	Minimum—02 00	Maximum—15 06	
If clearance is E	Minimum—02 00	Maximum—15 09	
If clearance is F	Minimum—02 00	Maximum—17 00	
If clearance exceeds plates B, C, E, F (Code G)	Minimum—02 00	Maximum—18 01	

For ARTICULATED/MULIT-UNIT SETS, report the dimension of the largest UNIT in the set. (For ARTICULATION see Section VII).

**UMLER Field Descriptions
Data Layout Detail, effective January, 2003**

Description	Field Length	Format	Equipment Type
9) Bearing & Brake Shoe Type	1	A	All

Alphabetic code indicating the type of journal bearings and brake shoes.

- (A) Plain bearings and composition brake shoes
- (B) Roller bearings and composition brake shoes
- (C) Plain bearings and cast iron brake shoes
- (D) Roller bearings and cast iron brake shoes
- (E) Roller bearings, composition brake shoes and constant contact side bearings
- (F) Roller bearings, cast iron brake shoes and constant contact side bearings
- (G) Roller bearings, composition brake shoes and empty/load brake system
- (H) Roller bearings, composition brake shoes, constant contact side bearings and empty/load brake system
- (I) Roller bearings, cast iron brake shoes and empty/load brake system
- (J) Roller bearings, cast iron brake shoes, constant contact side bearings and empty/load brake system
- (K) Roller bearings, composition brake shoes and designed for high speed train operations
- (L) Roller bearings, composition brake shoes, empty/load brake system and designed for high speed train operations

Note 1: Cars having plain bearing codes A or C will be edited to ensure compliance with AAR interchange Rules. The code A or C may be present in the record if the transportation codes are equal to XJ.

Note 2: Cars built/rebuilt on 1/1/1993 and subsequent with bearing codes A or C reported will be flagged in error.

**UMLER Field Descriptions
Data Layout Detail, effective January, 2003**

Description	Field Length	Format	Equipment Type
10) Axles	1	A	All

Report the applicable alphanumeric code indicating the number of axles per car.

Note 1: Mandatory for cars with 286,000 - pound total weight on rail.

Note 2: For ARTICULATED/MULTI-UNIT SETS, axles reported must be equal to or greater than: (2 x nbr. artic. Units) + 2.

Unit A		Unit D		Unit C		Unit B	
2	1	1	1	1	1	1	2

(For ARTICULATION see Section VII).

<u>Axle Code</u>	<u>Axles per Car</u>						
2	2	C	13	K	21	S	29
4	4	D	14	L	22	T	30
6	6	E	15	M	23	U	31
8	8	F	16	N	24	V	32
9	9	G	17	O	25	W	33
0	10	H	18	P	26	X	34
A	11	I	19	Q	27	Y	35
B	12	J	20	R	28	Z	36 or more

**UMLER Field Descriptions
Data Layout Detail, effective January, 2003**

Description	Field Length	Format	Equipment Type
11) Draft Gear/Coupler	2	N	All

Numeric, report the code indicating the type of draft gear and coupler.

- 55—Solid drawbar on both ends.
- 56—Articulated connector at intermediate connection.
- 57—Standard Draft Gear with solid drawbar rotary at the other end.
- 58—Solid drawbar one end with solid drawbar rotary at the other end.
- 59—Solid drawbar one end with draft gear rotary other end.
- 60—Solid drawbar one end E, F or E/F coupler.
- 66—Standard Draft Gear (24-5/8" pocket) with E, F or E/F bottom shelf coupler.
- 67—Hydraulic Draft Gear (3.25" to 6" stroke) with E, F or E/F bottom shelf coupler.
- 77—Standard Draft Gear (24-5/8" pocket) with E, F or E/F double (top and bottom) shelf coupler.
- 78—Hydraulic Draft Gear (3.25" to 6" stroke) with E, F or E/F double (top and bottom) shelf coupler.
- 88—Standard Draft Gear (24-5/8" pocket) with E or E/F coupler.
- 89—Hydraulic Draft Gear (3.25" to 6" stroke) with E or E/F coupler.
- 94—Hydraulic Draft Gear (3.25" to 6" stroke) with single rotary coupler at the B end.
- 95—Standard Draft Gear (24-5/8" pocket) with single rotary coupler at the B end.
- 96—Standard Draft Gear (24-5/8" pocket) with two rotary couplers.
- 97—Hydraulic Draft Gear (3.25" to 6" stroke) with two rotary couplers.
- 98—Hydraulic Draft Gear (3.25" to 6" stroke) with one rotary coupler at the A end.
- 99—Standard Draft Gear (24-5/8" pocket) with one rotary coupler at the A end.

Car equipped with sliding center sills or cushioned draft gear, report the inches of travel from normal position to maximum position to maximum extension for one end of car.

Inches of Travel	Minimum—05	Maximum—36
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Note 1: Equipment with rotary couplers, codes 57 through 59 and 95 through 99 must have the codes FROTARY or EROTARY reported accordingly in Coupler A-End and Coupler B-End (Data Nos. 41 and 42).

Note 2: See Exhibit L, Relational Fields, Section IX.

SECTION VII
Primary Format A

Articulated Transaction for
All Equipment Except Tanks and Flats

Data Layout Detail, effective: 12/1/2002

Data No.	Field Positions Field Description	Line Positions [Equipment Type]	Data No.	Field Positions Field Description	Line Positions [Equipment Type]
1	1-1 Line Code	U 1 [All]	_K	9th unit from B-end; next to "_J" unit	
<p>Line Code must always be U. NOTE: When submitting unit information, a "U" transaction for each unit in the articulated/multi-unit set must be submitted.</p>			_L	10th unit from B-end; next to "_K" unit	
2	2-2 Transaction Type	U 2 [All]	_M	11th unit from B-end; next to "_L" unit	
<p>This field should be left blank. Information pertaining to the articulated/multi-unit set should be reported in the base transaction. NOTE: RAILINC's edit will determine add, change and/or delete transactions as necessary.</p> <p>The Transaction Code on the OUTPUT will be used to define the transaction as follows: (5) Delete; (6) Add; (7) Change or (8) No Change - this code is sent as information only when no change has been made to the individual unit, however, a change occurred to another unit in the set.</p>			_N	12th unit from B-end; next to "_M" unit	
3	3-6 Unit Initial	U 3-6 [All]	_O	13th unit from B-end; next to "_N" unit	
<p>Alphabetic, report the Reporting Mark stencilled on the side of the unit.</p>			_P	14th unit from B-end; next to "_O" unit	
4	7-12 Low Unit Number	U 7-12 [All]	_Q	15th unit from B-end; next to "_P" unit	
<p>Numeric, report the low unit number of the articulated/multi-unit set. Must equal low number in base record. EXAMPLE: Unit number is 123, report 000123.</p>			_R	16th unit from B-end; next to "_Q" unit	
5	13-18 High Unit Number	U 13-18 [All]	_S	17th unit from B-end; next to "_R" unit	
<p>Numeric, must be equal to low unit number in (Data No. 4). If the field is left blank, it will be assumed that it is equal to the low number.</p>			_T	18th unit from B-end; next to "_S" unit	
6	19-20 Unit Position	U 19-20 [All]	_U	19th unit from B-end; next to "_T" unit	
<p>Alphanumeric, RIGHT JUSTIFIED report the code that identifies the unit within the articulated/multi-unit set. "U" transactions must follow the base transaction and they must be in ascending order by Unit Position. The 99 codes are as follows:</p> <p>Unit Pos. Code Position of Unit Within Articulated/Multi-Unit Set</p> <p>_A The A-end unit of the articulated/multi-unit set; the end unit with handbrake facing towards the other units in the articulated/multi-unit set.</p> <p>_B The B-end unit of the articulated/multi-unit set; the end unit with handbrake facing away from the other units in the articulated/multi-unit set.</p> <p>_C Unit next to B-end unit</p> <p>_D 2nd unit from B-end; next to "_C" unit</p> <p>_E 3rd unit from B-end; next to "_D" unit</p> <p>_F 4th unit from B-end; next to "_E" unit</p> <p>_G 5th unit from B-end; next to "_F" unit</p> <p>_H 6th unit from B-end; next to "_G" unit</p> <p>_I 7th unit from B-end; next to "_H" unit</p> <p>_J 8th unit from B-end; next to "_I" unit</p>			_V	20th unit from B-end; next to "_U" unit	
			_W	21st unit from B-end; next to "_V" unit	
			_X	22nd unit from B-end; next to "_W" unit	
			_Y	23rd unit from B-end; next to "_X" unit	
			_Z	24th unit from B-end; next to "_Y" unit	
			AA	25th unit from B-end; next to "_Z" unit	
			AB	26th unit from B-end; next to "AA" unit	
			AC	27th unit from B-end; next to "AB" unit	
			AD	28th unit from B-end; next to "AC" unit	
			AE	29th unit from B-end; next to "AD" unit	
			AF	30th unit from B-end; next to "AE" unit	
			AG	31st unit from B-end; next to "AF" unit	
			AH	32nd unit from B-end; next to "AG" unit	
			AI	33rd unit from B-end; next to "AH" unit	
			AJ	34th unit from B-end; next to "AI" unit	
			AK	35th unit from B-end; next to "AJ" unit	
			AL	36th unit from B-end; next to "AK" unit	
			AM	37th unit from B-end; next to "AL" unit	
			AN	38th unit from B-end; next to "AM" unit	
			AO	39th unit from B-end; next to "AN" unit	
			AP	40th unit from B-end; next to "AO" unit	
			AQ	41st unit from B-end; next to "AP" unit	
			AR	42nd unit from B-end; next to "AQ" unit	
			AS	43rd unit from B-end; next to "AR" unit	
			AT	44th unit from B-end; next to "AS" unit	
			AU	45th unit from B-end; next to "AT" unit	
			AV	46th unit from B-end; next to "AU" unit	
			AW	47th unit from B-end; next to "AV" unit	
			AX	48th unit from B-end; next to "AW" unit	
			AY	49th unit from B-end; next to "AX" unit	
			AZ	50th unit from B-end; next to "AY" unit	
			BA	51st unit from B-end; next to "AZ" unit	
			BB	52nd unit from B-end; next to "BA" unit	
			BC	53rd unit from B-end; next to "BB" unit	
			BD	54th unit from B-end; next to "BC" unit	
			BE	55th unit from B-end; next to "BD" unit	
			BF	56th unit from B-end; next to "BE" unit	
			BG	57th unit from B-end; next to "BF" unit	
			BH	58th unit from B-end; next to "BG" unit	
			BI	59th unit from B-end; next to "BH" unit	
			BJ	60th unit from B-end; next to "BI" unit	
			BK	61st unit from B-end; next to "BJ" unit	
			BL	62nd unit from B-end; next to "BK" unit	
			BM	63rd unit from B-end; next to "BL" unit	
			BN	64th unit from B-end; next to "BM" unit	
			BO	65th unit from B-end; next to "BN" unit	
			BP	66th unit from B-end; next to "BO" unit	
			BQ	67th unit from B-end; next to "BP" unit	
			BR	68th unit from B-end; next to "BQ" unit	
			BS	69th unit from B-end; next to "BR" unit	
			BT	70th unit from B-end; next to "BS" unit	
			BU	71st unit from B-end; next to "BT" unit	
			BV	72nd unit from B-end; next to "BU" unit	
			BW	73rd unit from B-end; next to "BV" unit	
			BX	74th unit from B-end; next to "BW" unit	
			BY	75th unit from B-end; next to "BX" unit	
			BZ	76th unit from B-end; next to "BY" unit	
			CA	77th unit from B-end; next to "BZ" unit	
			CB	78th unit from B-end; next to "CA" unit	
			CC	79th unit from B-end; next to "CB" unit	
			CD	80th unit from B-end; next to "CC" unit	
			CE	81st unit from B-end; next to "CD" unit	
			CF	82nd unit from B-end; next to "CE" unit	
			CG	83rd unit from B-end; next to "CF" unit	
			CH	84th unit from B-end; next to "CG" unit	
			CI	85th unit from B-end; next to "CH" unit	
			CJ	86th unit from B-end; next to "CI" unit	
			CK	87th unit from B-end; next to "CJ" unit	
			CL	88th unit from B-end; next to "CK" unit	
			CM	89th unit from B-end; next to "CL" unit	
			CN	90th unit from B-end; next to "CM" unit	
			CO	91st unit from B-end; next to "CN" unit	
			CP	92nd unit from B-end; next to "CO" unit	

SECTION VII
Primary Format A

Articulated Transaction for
All Equipment Except Tanks and Flats

Data Layout Detail, effective: 12/1/2002

Data No.	Field Positions Field Description	Line Positions [Equipment Type]	Data No.	Field Positions Field Description	Line Positions [Equipment Type]
CQ	93rd unit from B-end; next to "CP" unit		(Data No. 74).		
CR	94th unit from B-end; next to "CQ" unit			MINIMUM	MAXIMUM
CS	95th unit from B-end; next to "CR" unit		Box Cars	0160	1600
CT	96th unit from B-end; next to "CS" unit		Gondolas	0300	1100
CU	97th unit from B-end; next to "CT" unit		Covered Hoppers & Hoppers	0230	1200
			Stock	0300	1200
			Refrigerator	0160	1400
7	21-21	U 21			
Equipment Type Code Prefix		[All]			
<p>Alphabetic, report the alpha prefix of the Equipment Type Code, i.e., A = equipped box car, B = unequipped box car. Applicable codes are : A, B, C, E, G, H, J, K and R. For Equipment Type prefixes of 'L' and 'M', report the applicable type of equipment, i.e., 'A', 'G', etc. (See Exhibit B for Equipment Type Codes).</p>					
8	22-25	U 22-25			
Prior Unit Initial		[All]			
<p>Alphanumeric, report the PRIOR reporting mark of the unit.</p> <p>NOTE: This field may be left BLANK. No Equipment Identification Numbers (EIN) will be assigned to articulated units at this time. If reported, owner must provide valid reporting initial of the prior unit, NEWX or ARXX.</p>					
9	26-31	U 26-31			
Prior Unit Number		[All]			
<p>Alphanumeric, report the PRIOR unit number of the unit.</p> <p>NOTE: This field may be left BLANK. No Equipment Identification Numbers (EIN) will be assigned to articulated units at this time. If reported, owner must provide valid number of the prior unit. If Prior Unit Initial is NEWX or ARXX, Prior Unit Number should be zeros (000000).</p>					
10	32-33	U 32-33			
Prior Unit Position		[All]			
<p>Alphanumeric, RIGHT JUSTIFIED report the code that identifies the PRIOR unit within the articulated/multi-unit set. See Unit Position in Data No. 6 for valid codes.</p> <p>NOTE: This field may be left blank. No Equipment Identification Numbers (EIN) will be assigned to articulated units at this time. If reported, owner must provide valid unit position of the prior unit.</p>					
11	34-37	U 34-37			
Load Limit		[All]			
<p>Numeric, report in hundreds of pounds the stencilled load limit of each unit in the set. The load limit is the maximum permissible weight that can be loaded on the unit. The value is determined by deducting the unit's light weight (tare) from the total allowable weight on rail for the applicable journal size as defined in AAR Interchange Rule 70. The value can be equal to or greater than the car's reported nominal capacity. The number of units reported must agree relationally with the Articulated field in the base record, (Data No. 74).</p> <p>Minimum - 0200 Maximum - 5000</p>					
12	38-41	U 38-41			
Tare Weight		[All]			
<p>Numeric, report the stencilled light weight (tare) in hundreds of pounds for each unit of the set. Rounding instructions, e.g., actual 17,550 pounds report as 0175 and actual 17,551 pounds report as 0176. The number of units reported must agree relationally with the Articulated field in the base record,</p>					
			13	42-46	U 42-46
			Cubic Capacity		[All]
<p>Numeric, report the Cubic Capacity for the individual unit.</p>					
				MINIMUM	MAXIMUM
			Box Cars	02000	11000
			Gondolas	00400	08500
			Covered Hoppers & Hoppers	00400	08500
			Stock	01000	10000
			Refrigerator	01400	06700
			14	47-100	U 47-100
			Blank		[All]
<p>Blank</p>					

SECTION VII
Primary Format B

Articulated Transaction for Tank Cars

Data Layout Detail, effective: 12/1/2002

Data No.	Field Positions Field Description	Line Positions [Equipment Type]	Data No.	Field Positions Field Description	Line Positions [Equipment Type]
1	1-1	U 1			
Line Code		[Tank]			
<p>Line Code must always be U. NOTE: When submitting unit information, a "U" transaction for each unit in the articulated/multi-unit set must be submitted.</p>					
2	2-2	U 2			
Transaction Type		[Tank]			
<p>This field should be left blank. Information pertaining to the articulated/multi-unit set should be reported in the base transaction.</p> <p>NOTE: RAILINC's edit will determine add, change and/or delete transactions as necessary.</p> <p>The Transaction Code on the OUTPUT will be used to define the transaction as follows:</p> <p>(5) Delete;(6) Add; (7) Change or (8) No Change - this code is sent as information only when no change has been made to the individual unit, however, a change occurred to another unit in the set.</p>					
3	3-6	U 3-6			
Unit Initial		[Tank]			
<p>Alphabetic, report the Reporting Mark stencilled on the side of the unit.</p>					
4	7-12	U 7-12			
Low Unit Number		[Tank]			
<p>Numeric, report the low unit number of the articulated/multi-unit set. Must equal low number in base record. EXAMPLE: Unit number is 123, report 000123.</p>					
5	13-18	U 13-18			
High Unit Number		[Tank]			
<p>Numeric, must be equal to low unit number in (Data No. 4). If the field is left blank, it will be assumed that it is equal to the low number.</p>					
6	19-20	U 19-20			
Unit Position		[Tank]			
<p>Alphanumeric, RIGHT JUSTIFIED report the code that identifies the unit within the articulated/multi-unit set. "U" transactions must follow the base transaction and they must be in ascending order by Unit Position. The 99 codes are as follows:</p> <p>Unit Pos. Code Position of Unit Within Articulated/Multi-Unit Set</p> <p>_A The A-end unit of the articulated/multi-unit set; the end unit with handbrake facing towards the other units in the articulated/multi-unit set.</p> <p>_B The B-end unit of the articulated/multi-unit set; the end unit with handbrake facing away from the other units in the articulated/multi-unit set.</p> <p>_C Unit next to B-end unit</p> <p>_D 2nd unit from B-end; next to "_C" unit</p> <p>_E 3rd unit from B-end; next to "_D" unit</p> <p>_F 4th unit from B-end; next to "_E" unit</p> <p>_G 5th unit from B-end; next to "_F" unit</p> <p>_H 6th unit from B-end; next to "_G" unit</p>					
			_I	7th unit from B-end; next to "_H" unit	
			_J	8th unit from B-end; next to "_I" unit	
			_K	9th unit from B-end; next to "_J" unit	
			_L	10th unit from B-end; next to "_K" unit	
			_M	11th unit from B-end; next to "_L" unit	
			_N	12th unit from B-end; next to "_M" unit	
			_O	13th unit from B-end; next to "_N" unit	
			_P	14th unit from B-end; next to "_O" unit	
			_Q	15th unit from B-end; next to "_P" unit	
			_R	16th unit from B-end; next to "_Q" unit	
			_S	17th unit from B-end; next to "_R" unit	
			_T	18th unit from B-end; next to "_S" unit	
			_U	19th unit from B-end; next to "_T" unit	
			_V	20th unit from B-end; next to "_U" unit	
			_W	21st unit from B-end; next to "_V" unit	
			_X	22nd unit from B-end; next to "_W" unit	
			_Y	23rd unit from B-end; next to "_X" unit	
			_Z	24th unit from B-end; next to "_Y" unit	
			AA	25th unit from B-end; next to "_Z" unit	
			AB	26th unit from B-end; next to "AA" unit	
			AC	27th unit from B-end; next to "AB" unit	
			AD	28th unit from B-end; next to "AC" unit	
			AE	29th unit from B-end; next to "AD" unit	
			AF	30th unit from B-end; next to "AE" unit	
			AG	31st unit from B-end; next to "AF" unit	
			AH	32nd unit from B-end; next to "AG" unit	
			AI	33rd unit from B-end; next to "AH" unit	
			AJ	34th unit from B-end; next to "AI" unit	
			AK	35th unit from B-end; next to "AJ" unit	
			AL	36th unit from B-end; next to "AK" unit	
			AM	37th unit from B-end; next to "AL" unit	
			AN	38th unit from B-end; next to "AM" unit	
			AO	39th unit from B-end; next to "AN" unit	
			AP	40th unit from B-end; next to "AO" unit	
			AQ	41st unit from B-end; next to "AP" unit	
			AR	42nd unit from B-end; next to "AQ" unit	
			AS	43rd unit from B-end; next to "AR" unit	
			AT	44th unit from B-end; next to "AS" unit	
			AU	45th unit from B-end; next to "AT" unit	
			AV	46th unit from B-end; next to "AU" unit	
			AW	47th unit from B-end; next to "AV" unit	
			AX	48th unit from B-end; next to "AW" unit	
			AY	49th unit from B-end; next to "AX" unit	
			AZ	50th unit from B-end; next to "AY" unit	
			BA	51st unit from B-end; next to "AZ" unit	
			BB	52nd unit from B-end; next to "BA" unit	
			BC	53rd unit from B-end; next to "BB" unit	
			BD	54th unit from B-end; next to "BC" unit	
			BE	55th unit from B-end; next to "BD" unit	
			BF	56th unit from B-end; next to "BE" unit	
			BG	57th unit from B-end; next to "BF" unit	
			BH	58th unit from B-end; next to "BG" unit	
			BI	59th unit from B-end; next to "BH" unit	
			BJ	60th unit from B-end; next to "BI" unit	
			BK	61st unit from B-end; next to "BJ" unit	
			BL	62nd unit from B-end; next to "BK" unit	
			BM	63rd unit from B-end; next to "BL" unit	
			BN	64th unit from B-end; next to "BM" unit	
			BO	65th unit from B-end; next to "BN" unit	
			BP	66th unit from B-end; next to "BO" unit	
			BQ	67th unit from B-end; next to "BP" unit	
			BR	68th unit from B-end; next to "BQ" unit	
			BS	69th unit from B-end; next to "BR" unit	
			BT	70th unit from B-end; next to "BS" unit	
			BU	71st unit from B-end; next to "BT" unit	
			BV	72nd unit from B-end; next to "BU" unit	
			BW	73rd unit from B-end; next to "BV" unit	
			BX	74th unit from B-end; next to "BW" unit	
			BY	75th unit from B-end; next to "BX" unit	
			BZ	76th unit from B-end; next to "BY" unit	
			CA	77th unit from B-end; next to "BZ" unit	
			CB	78th unit from B-end; next to "CA" unit	
			CC	79th unit from B-end; next to "CB" unit	
			CD	80th unit from B-end; next to "CC" unit	
			CE	81st unit from B-end; next to "CD" unit	
			CF	82nd unit from B-end; next to "CE" unit	
			CG	83rd unit from B-end; next to "CF" unit	
			CH	84th unit from B-end; next to "CG" unit	
			CI	85th unit from B-end; next to "CH" unit	
			CJ	86th unit from B-end; next to "CI" unit	
			CK	87th unit from B-end; next to "CJ" unit	
			CL	88th unit from B-end; next to "CK" unit	
			CM	89th unit from B-end; next to "CL" unit	
			CN	90th unit from B-end; next to "CM" unit	

**SECTION VII
Primary Format B**

Articulated Transaction for Tank Cars

Data Layout Detail, effective: 12/1/2002

Data No.	Field Positions Field Description	Line Positions [Equipment Type]	Data No.	Field Positions Field Description	Line Positions [Equipment Type]
CO	91st unit from B-end; next to "CN" unit		(Data No. 76).		
CP	92nd unit from B-end; next to "CO" unit				
CQ	93rd unit from B-end; next to "CP" unit			Minimum	Maximum
CR	94th unit from B-end; next to "CQ" unit		Tank Cars	0310	2000
CS	95th unit from B-end; next to "CR" unit		NOTE: Edit parameters above are applicable for cars with Star Codes 'S' or 'R'.		
CT	96th unit from B-end; next to "CS" unit				
CU	97th unit from B-end; next to "CT" unit				
7	21-21	U 21	13	42-46	U 42-46
Equipment Type Code Prefix		[Tank]	Actual Shell Capacity		[Tank]
Alphabetic, report the alpha prefix of the Equipment Type Code T = Tank car. If Maintenance-of-Way tank, report 'T'.			Numeric, report the Actual Shell Capacity for the individual unit.		
NOTE: This field may be left BLANK. No Equipment Identification Numbers (EIN) will be assigned to articulated units at this time. If reported, owner must provide valid reporting initial of the prior unit, NEWX or ARXX.			NOTE: Unit with Major Class 17, 58 or 77 should report zeros (000000).		
8	22-25	U 22-25	MINIMUM		MAXIMUM
Prior Unit Initial		[Tank]	02000		49000
Alphanumeric, report the PRIOR reporting mark of the unit.					
NOTE: This field may be left BLANK. No Equipment Identification Numbers (EIN) will be assigned to articulated units at this time. If reported, owner must provide valid reporting initial of the prior unit, NEWX or ARXX.					
9	26-31	U 26-31	14	47-47	U 47
Prior Unit Number		[Tank]	Compartments		[Tank]
Alphanumeric, report the PRIOR unit number of the unit.			Alphanumeric, report the number of Compartments for the individual unit.		
NOTE: This field may be left BLANK. No Equipment Identification Numbers (EIN) will be assigned to articulated units at this time. If reported, owner must provide valid number of the prior unit. If Prior Unit Initial is NEWX or ARXX, Prior Unit Number should be zeros (000000).			NOTE: Units with Major Class 03, 58 or 77 should report a BLANK.		
10	32-33	U 32-33	MINIMUM		MAXIMUM
Prior Unit Position		[Tank]	1		5
Alphanumeric, RIGHT JUSTIFIED report the code that identifies the PRIOR unit within the articulated/multi-unit set. See Unit Position in Data No. 6 for valid codes.					
NOTE: This field may be left BLANK. No Equipment Identification Numbers (EIN) will be assigned to articulated units at this time. If reported, owner must provide valid unit position of the prior unit.					
11	34-37	U 34-37	15	48-100	U 48-100
Load Limit		[Tank]	Blank		[Tank]
Numeric, report in hundreds of pounds the stencilled load limit of each unit in the set. The load limit is the maximum permissible weight that can be loaded on the unit. The value is determined by deducting the unit's light weight (tare) from the total allowable weight on rail for the applicable journal size as defined in AAR Interchange Rule 70. The value can be equal to or greater than the car's reported nominal capacity. The number of units reported must agree relationally with the Articulated field in the base record, (Data No. 76).			Blank		
MINIMUM - 0200			MAXIMUM - 5000		
12	38-41	U 38-41			
Tare Weight		[Tank]			
Numeric, report the stencilled light weight (tare) in hundreds of pounds for each unit of the set. Rounding instructions, e.g., actual 17,500 pounds report as 0175 and actual 17,551 pounds report as 0176. The number of units reported must agree relationally with the Articulated field in the base record,					

**SECTION VII
Primary Format C**

Articulated Transaction for Flat Cars

Data Layout Detail, effective: 12/1/2002

Data No.	Field Positions Field Description	Line Positions [Equipment Type]	Data No.	Field Positions Field Description	Line Positions [Equipment Type]
1	1-1	U 1	_K	9th unit from B-end; next to "_J" unit	
Line Code		[Flat]	_L	10th unit from B-end; next to "_K" unit	
<p>Line Code must always be U. NOTE: When submitting unit information, a "U" transaction for each unit in the articulated/multi-unit set must be submitted.</p>			_M	11th unit from B-end; next to "_L" unit	
2	2-2	U 2	_N	12th unit from B-end; next to "_M" unit	
Transaction Type		[Flat]	_O	13th unit from B-end; next to "_N" unit	
<p>This field should be left blank. Information pertaining to the articulated/multi-unit set should be reported in the base transaction.</p> <p>NOTE: RAILINC's edit will determine add, change and/or delete transactions as necessary.</p> <p>The Transaction Code on the OUTPUT will be used to define the transaction as follows: (5) Delete;(6) Add; (7) Change or (8) No Change - this code is sent as information only when no change has been made to the individual unit, however, a change occurred to another unit in the set.</p>			_P	14th unit from B-end; next to "_O" unit	
3	3-6	U 3-6	_Q	15th unit from B-end; next to "_P" unit	
Unit Initial		[Flat]	_R	16th unit from B-end; next to "_Q" unit	
<p>Alphabetic, report the Reporting Mark stencilled on the side of the unit.</p>			_S	17th unit from B-end; next to "_R" unit	
4	7-12	U 7-12	_T	18th unit from B-end; next to "_S" unit	
Low Unit Number		[Flat]	_U	19th unit from B-end; next to "_T" unit	
<p>Numeric, report the low unit number of the articulated/multi-unit set. Must equal low number in base record. EXAMPLE: Unit number is 123, report 000123.</p>			_V	20th unit from B-end; next to "_U" unit	
5	13-18	U 13-18	_W	21st unit from B-end; next to "_V" unit	
High Unit Number		[Flat]	_X	22nd unit from B-end; next to "_W" unit	
<p>Numeric, Must be equal to low unit number in (Data No. 4). If the field is left blank, it will be assumed that it is equal to the low number.</p>			_Y	23rd unit from B-end; next to "_X" unit	
6	19-20	U 19-20	_Z	24th unit from B-end; next to "_Y" unit	
Unit Position		[Flat]	AA	25th unit from B-end; next to "_Z" unit	
<p>Alphanumeric, RIGHT JUSTIFIED report the code that identifies the unit within the articulated/multi-unit set. (Ex: _A, report blank A). "U" transactions must follow the base transaction and they must be in ascending order by Unit Position. The 99 codes are as follows:</p>			AB	26th unit from B-end; next to "AA" unit	
Unit			AC	27th unit from B-end; next to "AB" unit	
Pos.			AD	28th unit from B-end; next to "AC" unit	
Code	Position of Unit Within Articulated/Multi-Unit Set		AE	29th unit from B-end; next to "AD" unit	
_A	The A-end unit of the articulated/multi-unit set; the end unit with handbrake facing towards the other units in the articulated/multi-unit set.		AF	30th unit from B-end; next to "AE" unit	
_B	The B-end unit of the articulated/multi-unit set; the end unit with handbrake facing away from the other units in the articulated/multi-unit set.		AG	31st unit from B-end; next to "AF" unit	
_C	Unit next to B-end unit		AH	32nd unit from B-end; next to "AG" unit	
_D	2nd unit from B-end; next to "_C" unit		AI	33rd unit from B-end; next to "AH" unit	
_E	3rd unit from B-end; next to "_D" unit		AJ	34th unit from B-end; next to "AI" unit	
_F	4th unit from B-end; next to "_E" unit		AK	35th unit from B-end; next to "AJ" unit	
_G	5th unit from B-end; next to "_F" unit		AL	36th unit from B-end; next to "AK" unit	
_H	6th unit from B-end; next to "_G" unit		AM	37th unit from B-end; next to "AL" unit	
_I	7th unit from B-end; next to "_H" unit		AN	38th unit from B-end; next to "AM" unit	
_J	8th unit from B-end; next to "_I" unit		AO	39th unit from B-end; next to "AN" unit	
			AP	40th unit from B-end; next to "AO" unit	
			AQ	41st unit from B-end; next to "AP" unit	
			AR	42nd unit from B-end; next to "AQ" unit	
			AS	43rd unit from B-end; next to "AR" unit	
			AT	44th unit from B-end; next to "AS" unit	
			AU	45th unit from B-end; next to "AT" unit	
			AV	46th unit from B-end; next to "AU" unit	
			AW	47th unit from B-end; next to "AV" unit	
			AX	48th unit from B-end; next to "AW" unit	
			AY	49th unit from B-end; next to "AX" unit	
			AZ	50th unit from B-end; next to "AY" unit	
			BA	51st unit from B-end; next to "AZ" unit	
			BB	52nd unit from B-end; next to "BA" unit	
			BC	53rd unit from B-end; next to "BB" unit	
			BD	54th unit from B-end; next to "BC" unit	
			BE	55th unit from B-end; next to "BD" unit	
			BF	56th unit from B-end; next to "BE" unit	
			BG	57th unit from B-end; next to "BF" unit	
			BH	58th unit from B-end; next to "BG" unit	
			BI	59th unit from B-end; next to "BH" unit	
			BJ	60th unit from B-end; next to "BI" unit	
			BK	61st unit from B-end; next to "BJ" unit	
			BL	62nd unit from B-end; next to "BK" unit	
			BM	63rd unit from B-end; next to "BL" unit	
			BN	64th unit from B-end; next to "BM" unit	
			BO	65th unit from B-end; next to "BN" unit	
			BP	66th unit from B-end; next to "BO" unit	
			BQ	67th unit from B-end; next to "BP" unit	
			BR	68th unit from B-end; next to "BQ" unit	
			BS	69th unit from B-end; next to "BR" unit	
			BT	70th unit from B-end; next to "BS" unit	
			BU	71st unit from B-end; next to "BT" unit	
			BV	72nd unit from B-end; next to "BU" unit	
			BW	73rd unit from B-end; next to "BV" unit	
			BX	74th unit from B-end; next to "BW" unit	
			BY	75th unit from B-end; next to "BX" unit	
			BZ	76th unit from B-end; next to "BY" unit	
			CA	77th unit from B-end; next to "BZ" unit	
			CB	78th unit from B-end; next to "CA" unit	
			CC	79th unit from B-end; next to "CB" unit	
			CD	80th unit from B-end; next to "CC" unit	
			CE	81st unit from B-end; next to "CD" unit	
			CF	82nd unit from B-end; next to "CE" unit	
			CG	83rd unit from B-end; next to "CF" unit	
			CH	84th unit from B-end; next to "CG" unit	
			CI	85th unit from B-end; next to "CH" unit	
			CJ	86th unit from B-end; next to "CI" unit	
			CK	87th unit from B-end; next to "CJ" unit	
			CL	88th unit from B-end; next to "CK" unit	
			CM	89th unit from B-end; next to "CL" unit	
			CN	90th unit from B-end; next to "CM" unit	
			CO	91st unit from B-end; next to "CN" unit	
			CP	92nd unit from B-end; next to "CO" unit	

**SECTION VII
Primary Format C**

Articulated Transaction for Flat Cars

Data Layout Detail, effective: 12/1/2002

Data No.	Field Positions Field Description	Line Positions [Equipment Type]	Data No.	Field Positions Field Description	Line Positions [Equipment Type]												
CQ	93rd unit from B-end; next to "CP" unit																
CR	94th unit from B-end; next to "CQ" unit																
CS	95th unit from B-end; next to "CR" unit																
CT	96th unit from B-end; next to "CS" unit																
CU	97th unit from B-end; next to "CT" unit																
7	21-21	U 21															
Equipment Type Code Prefix			[Flat]														
Alphabetic, report the alpha prefix of the Equipment Type Code, i.e., F = Flat car. Applicable codes are: F, Q (except Q_1_), S, and V. For Equipment Type Prefixes of 'L' and 'M', report the applicable type of equipment, i.e., F, Q, etc.																	
8	22-25	U 22-25															
Prior Unit Initial			[Flat]														
Alphanumeric, report the PRIOR reporting mark of the unit.																	
NOTE: This field may be left BLANK. No Equipment Identification Numbers (EIN) will be assigned to articulated units at this time. If reported, owner must provide valid reporting initial of the prior unit, NEWX or ARXX.																	
9	26-31	U 26-31															
Prior Unit Number			[Flat]														
Alphanumeric, report the PRIOR unit number of the unit.																	
NOTE: This field may be left BLANK. No Equipment Identification Numbers (EIN) will be assigned to articulated units at this time. If reported, owner must provide valid number of the prior unit. If Prior Unit Initial is NEWX or ARXX, Prior Unit Number should be zeros (000000).																	
10	32-33	U 32-33															
Prior Unit Position			[Flat]														
Alphanumeric, RIGHT JUSTIFIED report the code that identifies the PRIOR unit within the articulated/multi-unit set. See Unit Position in Data No. 6 for valid codes.																	
NOTE: This field may be left BLANK. No Equipment Identification Numbers (EIN) will be assigned to articulated units at this time. If reported, owner must provide valid unit position of the prior unit.																	
11	34-37	U 34-37															
Load Limit			[Flat]														
Numeric, report in hundreds of pounds the stencilled load limit of each unit in the set. The load limit is the maximum permissible weight that can be loaded on the unit. The value is determined by deducting the unit's light weight (tare) from the total allowable weight on rail for the applicable journal size as defined in AAR Interchange Rule 70. The value can be equal to or greater than the car's reported nominal capacity. The number of units reported must agree relationally with the Articulated field in the base record, (Data No. 76).																	
MINIMUM - 0200 MAXIMUM - 5000																	
12	38-41	U 38-41															
Tare Weight			[Flat]														
Numeric, report the stencilled light weight (tare) in hundreds of pounds for each unit of the set. Rounding instructions, e.g., actual 17,550 pounds report as 0175 and actual 17,551 pounds report as 0176. The number of units must agree relationally with the Articulated field in the base record, (Data No. 76).																	
<table border="0"> <thead> <tr> <th></th> <th>MINIMUM</th> <th>MAXIMUM</th> </tr> </thead> <tbody> <tr> <td>V_ _ _</td> <td>0550</td> <td>1360</td> </tr> <tr> <td>FCA _</td> <td>0100</td> <td>0720</td> </tr> <tr> <td>All Other Flats</td> <td>0230</td> <td>5000</td> </tr> </tbody> </table>							MINIMUM	MAXIMUM	V_ _ _	0550	1360	FCA _	0100	0720	All Other Flats	0230	5000
	MINIMUM	MAXIMUM															
V_ _ _	0550	1360															
FCA _	0100	0720															
All Other Flats	0230	5000															
NOTE: Edit parameters above are applicable for cars with Star Codes 'S' or 'R'.																	
13	42-45	U 42-45															
Inside Platform Length			[Flat]														
Numeric, report in feet and inches the loading platform length of the individual unit.																	
<table border="0"> <thead> <tr> <th></th> <th>MINIMUM</th> <th>MAXIMUM</th> </tr> </thead> <tbody> <tr> <td>V_ _ _</td> <td>75'00"</td> <td>99'04"</td> </tr> <tr> <td>All others</td> <td>20'00"</td> <td>99'04"</td> </tr> </tbody> </table>							MINIMUM	MAXIMUM	V_ _ _	75'00"	99'04"	All others	20'00"	99'04"			
	MINIMUM	MAXIMUM															
V_ _ _	75'00"	99'04"															
All others	20'00"	99'04"															
14	46-47	U 46-47															
Trailer Loading Capacity			[Flat]														
Alphanumeric, report the code indicating the individual units' loading capacity. This is applicable to FCA equipment only (Equipment Type Codes S and Q EXCEPT S_1_ and Q_1_):																	
<ul style="list-style-type: none"> 0 - Not suitable for trailer loading 1 - 40' trailer 2 - 40' to 45' trailer 3 - 40' to 48' trailer 4 - 40' to 50' trailer 5 - 26' to 40' trailer 6 - 26' to 45' trailer 7 - 26' to 48' trailer 8 - 26' to 50' trailer 9 - 40' to 53' trailer A - 28' to 31' trailer B - 48' well, - 2 -28' trailers, up to 53' single with nose extended over hitches, intermediate - 53' and kingpin-axle length not greater than 45'. C-Z - Not used 																	
NOTE 1: Left justify with blanks in position 47.																	
15	48-49	U 48-49															
Container Loading Capacity			[Flat]														
Alphanumeric, report the code indicating the individual units' container loading capacity. This is applicable to FCA equipment only (Equipment Type Codes S and Q EXCEPT S_1_ and Q_1_):																	
<ul style="list-style-type: none"> 0 - Not suitable for container loading 1 - One (1) 40' container 2 - One (1) 40' container or two (2) 20' containers 3 - Two (2) 40' containers-stacked 4 - Two (2) 40' containers-stacked, or two (2) 20' containers and one (1) 40' container-stacked 5 - One (1) 35' container 6 - One (1) 45' container 7 - One (1) 40' container and one (1) 45' container-stacked 8 - One (1) 40' container and one (1) 48' container-stacked 9 - Two (2) 48' containers-stacked A - Two (2) 45' containers-stacked B - One (1) 45' container and one (1) 48' container-stacked C - Two (2) 35' containers-stacked D - Two (2) 20' containers and one (1) 40', 45' or 48' container-stacked E - Two (2) 20' containers and one (1) 40' or 48' 																	

**SECTION VII
Primary Format C**

Articulated Transaction for Flat Cars

Data Layout Detail, effective: 12/1/2002

Data No.	Field Positions Field Description	Line Positions [Equipment Type]	Data No.	Field Positions Field Description	Line Positions [Equipment Type]
----------	--------------------------------------	------------------------------------	----------	--------------------------------------	------------------------------------

container-stacked
 F - Two (2) 20' containers or one (1) 40' and one (1) 40',
 45' or 48' container-stacked
 G - One (1) 40' container and one (1) 40', 45' or 48'
 container-stacked
 H - One (1) 40' container or 45'
 I - One (1) 40' container or 45' or 48' and one (1) 40',
 45' or 48' container-stacked
 J - One (1) 48' container and one (1) 40', 45', 48' or
 53' container-stacked
 K - Two (2) 20' containers or one (1) 40' or 45' and one (1)
 40', 45' or 48' container-stacked
 L - One (1) 45' container and one (1) 40', 45' 48' or 53'
 container-stacked
 M - Two (2) 20' containers or one (1) 40' and one (1) 40' or
 48' container-stacked
 N - Two (2) 24' containers and one (1) 40', 45', 48' or 53'
 container-stacked
 O - Two (2) 20' containers or one (1) 40' or one (1) 45' or
 one (1) 48' and one (1) 40', 45' 48' or 53' container-
 stacked
 P - Two (2) 20' containers or one (1) 40', 45' or 48'
 container-stacked
 Q - Two (2) 20' or 28' containers or one (1) 40', 45', 48'
 or 53' and two (2) 28' containers or one (1) 40', 45',
 48' or 53' container-stacked
 R-Z - Not Used.

NOTE 1: Left justify with blanks in position 49.

16	50-50	U	50
Number of Axles			[Flat]

Alphanumeric, report the number of axles on the individual unit. This is applicable to FCA equipment only:

2=2; 3=3; 4=4; 6=6; 8=8; 9=9

17	51-51	U	51
Wheel Size			[Flat]

Alphanumeric, report the code identifying the size of the wheels on the individual unit. This is applicable to FCA equipment only:

1 - 28 inch 5 - 38 inch
 2 - 30 inch 6 - 33 and 36 inch
 3 - 33 inch 7 - 33 and 38 inch
 4 - 36 inch

NOTE: Wheel Codes 6 and 7 can ONLY be reported on the A and B units.

18	52-100	U	52-100
Blank			[Flat]

Blank

**SECTION IX
Exhibits**

Effective: 12/1/2002

SECTION IX Exhibits		Effective: 12/1/2002
<p style="text-align: center;">EXHIBIT B</p> <p>EQUIPMENT TYPE & TRAILER/CONTAINER TYPE CODES</p> <p>EQUIPPED BOX CARS EQUIPMENT TYPE CODE A _ _ _</p> <p>FIRST NUMERIC:</p> <p>0--A_5_ Only 1--Less than 49' inside length 2--Less than 49' inside length, cushion draft gear/underframe 3--49' and less than 59' inside length 4--49' and less than 59' inside length, cushion draft gear/underframe 5--59' and less than 79' inside length 6--59' and less than 79' inside length, cushion draft gear/underframe 7--79' and over, inside length 8--79' and over, inside length, cushion draft gear/underframe 9--Not Used</p> <p>SECOND NUMERIC:</p> <p>0--XP 1--XPI 2--XF 3--XL 4--XLI * 5--S (See Third Numeric) 6 through 9--Not Used</p> <p>* THIRD NUMERIC: (A_5_ Only)</p> <p>0--Deck height no factor 1--High double deck (lower deck 5'4" and over) 2--Convertible Deck 3 through 9--Not Used</p> <p>THIRD NUMERIC:</p> <p>0--Other type door/opening 1--Sliding door, opening, Side Door Width less than 9' 2--Sliding door, opening, 9' less than 11' 3--Sliding door, opening, 11' and over 4--Plug door, opening, less than 9' 5--Plug door, opening, 9' less than 11' 6--Plug door, opening, 11' and over 7--Combination (Sliding-Plug) doors 8, 9--Not Used</p> <p>XF--Non-insulated box car similar in design to "XM", designed and specially prepared with a U.S. Food and Drug Administration approved white epoxy or other comparable white coating to seal interior walls, doors, and ends, and provide a smooth durable surface to prevent contamination.</p> <p>XL--Loader Equipped. Box car similar in design to "XM", with steel perforated side walls or equipped with interior side rails for securement of certain types of lading and/or permanently attached movable bulkheads.</p> <p>NOTE--Cars equipped with interior side rails only, built new, rebuilt or reclassified on or after January 1, 1966, in order to qualify for the "XL" designation, shall have a minimum of four (4) usable side rails on each wall of car, each extending from doorway to approximately four (4) feet from end of car, plus facilities in doorway to accommodate doorway members. The facilities in the doorway are not required in cars equipped with plug type doors.</p> <p>XP--Boxcar similar in design to "XM", but which is specially equipped, designed, and/or structurally suitable for a specific commodity loading; except, boxcars (XF, XM, XMI) dedicated to the transportation of commodities in paragraph A, Rule 97, AAR Interchange Rules, must be designated "XP".</p> <p>NOTE 1: The specific lading for which intended must be included in the description column in The Official Railway Equipment Register.</p> <p>NOTE 2: When any of the foregoing Class "X" cars are insulated, the letter "I" should be added to the designation.</p> <p>S--Car for transportation of livestock.</p>	<p>UNEQUIPPED BOX CARS EQUIPMENT TYPE CODE B _ _ _</p> <p>FIRST NUMERIC:</p> <p>0--Not Used 1--Less than 49' inside length 2--Less than 49' inside length, cushion draft gear/underframe 3--49' and less than 59' inside length 4--49' and less than 59' inside length, cushion draft gear/underframe 5--59' and less than 79' inside length 6--59' and less than 79' inside length, cushion draft gear/underframe 7--79' and over, inside length 8--79' and over, inside length, cushion draft gear/underframe 9--Not Used</p> <p>SECOND NUMERIC:</p> <p>0--XM--Sliding doors, inside width less than 9'06" 1--XM--Sliding door, inside width 9'06" & over 2--XM--Plug doors, inside width, less than 9'06" 3--XM--Plug doors, inside width 9'06" & over 4--XM--Combination (sliding-plug) doors, inside width less than 9'06" 5--XM--Combination (sliding-plug) doors, inside width 9'06" & over 6--XM--Other door, any width 7--XMI--Inside width less than 9'06" 8--XMI--Inside width 9'06" and over 9--Not Used</p> <p>THIRD NUMERIC:</p> <p>0--Other type door/opening 1--Side Door Width less than 8' opening 2--Doors 8' less than 9' opening 3--Doors 9' less than 10' opening 4--Doors 10' less than 11' opening 5--Doors 11' less than 13' opening 6--Doors 13' less than 15' opening 7--Doors 15' & over opening 8, 9--Not Used</p> <p>XM--Box car for general service equipped with side or side and end doors.</p> <p>NOTE 1: Boxcars dedicated to the transportation of commodities in Paragraph A, Rule 97, AAR Interchange Rules, must be designated "XP."</p> <p>NOTE 2: When any of the foregoing Class "X" cars are insulated, the letter "I" should be added to the designation.</p> <p>COVERED HOPPER CARS EQUIPMENT TYPE CODE C _ _ _</p> <p>FIRST NUMERIC:</p> <p>0--Not Used</p> <p>1--Gravity Unloading--non-pressurized gravity unloading.</p> <p>2--Pneumatic Unloading--non-pressurized, for unloading by means of vacuum or suction equipment with receiver's facilities without capability of gravity discharge into a hopper.</p> <p>3--Gravity-Pneumatic Unloading--non-pressurized car with capabilities either for unloading by means of vacuum or suction in conjunction with receiver's facilities or operation as a straight gravity mode.</p> <p>4--Fluidized-Gravity Unloading--Air fluidization to expedite unloading; non-pressurized except in fluidization chambers, with gravity outlet.</p> <p>5--Fluidized = Pneumatic Unloading--Air Fluidization to expedite unloading; non-pressurized except in fluidization chambers, with means for unloading by means of vacuum or suction in conjunction with receiver's facilities.</p> <p>6--Pressure Differential--Car body pressurized to 5 psi. or greater, with or without supplementary fluidization; discharge through pneumatic pipes.</p> <p>7--Other Unloading Systems--Any discharge system not defined by 1 through 6 above.</p> <p>8, 9--Not Used</p> <p>SECOND NUMERIC:</p> <p>0--Not Used 1--LO (Covered Hopper) 2--HTR (Equipped with non-permanent roof for LO service)</p>	

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3 through 9--Not Used

THIRD NUMERIC:

0--Not Used

- 1--Less than 3,000 cu. ft. capacity
- 2--3,000 but less than 4,000 cu. ft. capacity
- 3--4,000 but less than 5,000 cu. ft. capacity
- 4--5,000 cu. ft. capacity and over
- 5 through 9--Not Used

LO--A permanently enclosed car, other than a box car, regardless of exterior or interior shape, for handling bulk commodities, with or without insulation and provided with openings for loading through top or sides with weather-tight covers or doors. Car may be provided with one or more bottom openings for unloading, with tight fitting covers, doors, valves, or tight fitting slide or gate to prevent leakage of lading. Car may be provided with facilities for discharge of lading through openings in top or sides and may have one or more compartments. Mechanical or other means may be provided within car to expedite loading or unloading.

LOCOMOTIVE EQUIPMENT TYPE CODE D _ _ _

FIRST NUMERIC:

0--Not Used

- 1--Freight Locomotive
- 2--Passenger Locomotive
- 3--Switching Locomotive
- 4--Non-Cab Freight Locomotive
- 5--Non-Cab Passenger Locomotive
- 6--Auxiliary Unit (Includes slugs, boosters, etc., which draw their power from the "mother" unit.
- 7--Electric
- 8, 9--Not Used

SECOND NUMERIC:

0--Not Used

- 1--AAR Truck type 'B-B'...4 powered axles
- 2--AAR Truck type 'C-C'...6 powered axles
- 3--AAR Truck type 'D-D'...8 powered axles
- 4--AAR Truck type 'A1A-A1A'...4 powered axles
- 5--AAR Truck type 'B-C'...5 powered axles
- 6--More than 8 powered axles
- 7--Less than 9 powered axles with a different configuration than 1 through 5
- 8, 9--Not Used

THIRD NUMERIC:

- 0--Less than 1000 hp
- 1--1000 to 1499 hp
- 2--1500 to 1999 hp
- 3--2000 to 2499 hp
- 4--2500 to 2999 hp
- 5--3000 to 3499 hp
- 6--3500 to 3999 hp
- 7--4000 to 4499 hp
- 8--4500 to 4999 hp
- 9--5000 and over

EQUIPPED GONDOLA EQUIPMENT TYPE CODE E _ _ _

FIRST NUMERIC:

0--Not Used

- 1--Less than 48' inside length
- 2--Less than 48' inside length with cushion draft gear/underframe
- 3--48' and less than 52' inside length
- 4--48' and less than 52' inside length with cushion draft gear/underframe
- 5--52' and less than 61' inside length
- 6--52' and less than 61' inside length with cushion draft gear/underframe
- 7--61' and over inside length
- 8--61' and over inside length with cushion draft gear/underframe
- 9--Not Used

SECOND NUMERIC:

- * 0--GTS
- 1--GTR
- 2--GBR
- 3--GBS
- 4--GBSR
- 5--GDS

- 6--GSS
- 7--Not Used
- 8--GWS
- 9--GWSR

THIRD NUMERIC:

* 0--All cars

- 1--Coil steel/aluminum equipped car
- 2--Coil steel car with transverse trough
- 3--Not Used
- * 4--Less than 3000 cu. ft.
- * 5--3000 to less than 4000 cu. ft.
- * 6--4000 to less than 5000 cu. ft.
- * 7--5000 cu. ft. and over
- 8, 9--Not Used

NOTE 1: * -GTS if NOT light density service, report third numeric 0; report fitting code "LD" and third numeric 4, 5, 6 or 7 for cars restricted to light density service.

NOTE 2: When gondola cars equipped with any or all of the modifications as provided for in the following NOTES 3 and 4, the suffixes as provided for shall be added to the primary classification in order of the notes as listed.

NOTE 3: Where cars are specially built, modified or equipped for handling particular commodities, or the car owner elects car service control of its cars, the letter "S" must be affixed to the applicable designating letters. Such special equipment must be reported in the fitting code field in the UMLER file and the appropriate notation made in The Official Railway Equipment Register.

NOTE 4: If any of these gondola cars are equipped with a roof for protection of contents, the letter "R" must be affixed to the regular symbol to designate its special class of service.

NOTE 5: For primary classifications, see Equipment Type Code G (plain gondola).

FLAT CARS EQUIPMENT TYPE CODE F _ _ _

FIRST NUMERIC:

0--Not Used

- 1--Less than 155,000 pounds load limit
- 2--155,000 to 184,999 pounds load limit
- 3--185,000 to 199,999 pounds load limit
- 4--200,000 pounds load limit and over
- 5--Equipped for pipe loading only
- 6--Equipped to handle frames (auto/truck)
- 7--Single deck, pedestals and tie downs for saddleback loading
- 8--Single deck, tie downs, without pedestals
- 9--Not Used

SECOND NUMERIC:

0--FM

- 1--FMS, standard draft gear/solid drawbar
- 2--FMS, equipped with cushioned draft gear/underframe
- 3--FD
- 4--FB
- 5--FBS
- 6--FW
- 7--FL
- 8--FBC
- 9--FDC

THIRD NUMERIC:

0--Not Used

- 1--Less than 53' inside length
- 2--53' and less than 60' inside length
- 3--60' and less than 75' inside length
- 4--75' and less than 85' inside length
- 5--85' and less than 89' inside length
- 6--89' and over inside length
- 7 through 9--Not Used

FB--Bulkhead flat cars. Equipped with fixed or permanently attached movable bulkheads or ends a minimum of three feet in height and flat floor for general commodity loading.

FBC--Flat car constructed with a center beam above the car deck from bulkhead to bulkhead.

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FD--Depressed center flat car of special construction having the portion of floor extending between trucks depressed to provide necessary overhead clearance for lading.

FDC--Flat car, constructed with a center beam above the deck from bulkhead to bulkhead and having the portion of the floor extending between trucks depressed to provide additional volume capacity.

FL--Flat logging car or logging truck. This is either a straight deck flat car, with or without bulkheads or load restraining devices, or car consisting of two trucks fitted with cross supports over truck bolsters; the trucks connected by a skeleton or flexible frame and logs loaded lengthwise on cross supports.

FM--Ordinary flat car for general service. This car has flooring laid over sills and without sides or ends.

FW--Flat car with hole to enable lading to be lowered due to clearance limits.

NOTE: Where cars are specially modified or equipped for handling particular commodities, the letter "S" must be affixed to the applicable designating letters. Such special equipment must be reported in the fitting code field in the UMLER file and the appropriate notation made in The Official Railway Equipment Register. This would not apply to cars with "FA", "FD", "FL" or "FW" designation.

UNEQUIPPED GONDOLA EQUIPMENT TYPE CODE G _ _ _

FIRST NUMERIC:

- 0--Not Used
- 1--Less than 48' inside length
- 2--48' and less than 52' inside length, less than 9' inside width
- 3--48' and less than 52' inside length, 9' and over inside width
- 4--52' and less than 61' inside length, less than 9' inside width
- 5--52' and less than 61' inside length, 9' and over inside width
- 6--61' and over inside length, less than 9' inside width
- 7--61' and over inside length, 9' and over inside width
- 8, 9--Not Used

SECOND NUMERIC:

- 0--Not Used
- 1--GB steel floor, solid ends
- 2--GB steel floor, drop ends
- 3--GB wood floor, solid ends
- 4--GB wood floor, drop ends
- 5--GD
- 6--Not Used
- 7--Not Used
- 8--GS
- 9--Not Used

THIRD NUMERIC -- Inside Height -- Load Limit:

- 0 -- 12" to 167" -- 154,999 and less
- 1 -- 12" to 46" -- 155,000 to 184,999
- 2 -- 47" to 167" -- 155,000 to 184,999
- 3 -- 12" to 46" -- 185,000 to 204,999
- 4 -- 47" to 52" -- 185,000 to 204,999
- 5 -- 53" to 58" -- 185,000 to 204,999
- 6 -- 59" to 64" -- 185,000 to 204,999
- 7 -- 65" to 167" -- 185,000 to 204,999
- 8 -- 12" to 59" -- 205,000 and greater
- 9 -- 60" to 167" -- 205,000 and greater

GB--Open top car, having fixed sides, fixed or drop ends and solid bottom.

GD--Open top car, having fixed or drop ends, solid bottom, and sides equipped with doors for dumping.

GS--Open top car, having fixed sides and ends and drop bottom, consisting of doors hinged at center sills or side sills to dump outside and/or inside of rails.

GW--Open top well-hole car for transportation of special commodities. A solid bottom car with fixed sides and ends, having one or more openings or depressions provided in floor, permitting the lading to be lowered in order to obtain overhead clearance.

UNEQUIPPED HOPPER EQUIPMENT TYPE CODE H _ _ _

CARS

FIRST NUMERIC:

- 0--Not Used
- 1--Less than 155,000 pounds load limit
- 2--155,000 to 184,999 pounds load limit
- 3--185,000 pounds load limit and over
- 4 through 9--Not Used

SECOND NUMERIC:

- 0, 1--Not Used
- 2--HFA
- 3--HK
- 4--HM
- 5--HT
- 6--HTA
- 7 through 9--Not Used

THIRD NUMERIC:

- 0--Non-rotary couplers
- 1--Rotary coupler on one end
- 2--Rotary couplers on both ends
- 3--Special bracing for rotary dumper, no rotary coupler
- 4 through 9--Not Used

HFA--Open top self-clearing car, having fixed sides and ends and bottom consisting of divided hoppers at center with doors hinged lengthwise, dumping outside and/or inside of rail; also one divided hopper each end, extending from end of car to bolster with doors hinged lengthwise of car and dumping outside of rails.

HK--Open top self-clearing car, having fixed sides and ends and bottom consisting of two or more divided hoppers dumping outside and/or inside of rails. (Includes former "HD")

HM--Open top self-clearing car, having fixed sides and ends and bottom consisting of two divided hoppers with doors hinged crosswise of car and dumping between rails.

HT--Open top self-clearing car, having fixed sides and ends and bottom consisting of three or more divided hoppers with doors hinged crosswise of car and dumping between rails.

HTA--Open top self-clearing car, having fixed sides and ends and bottom consisting of three or more divided hoppers with doors hinged lengthwise of car and dumping between rails.

GONDOLA CAR--GT EQUIPMENT TYPE CODE J _ _ _

FIRST NUMERIC:

- 0--Not Used
- 1--Less than 155,000 pounds load limit
- 2--155,000 to 184,999 pounds load limit
- 3--185,000 pounds load limit and over
- 4 through 9--Not Used

SECOND NUMERIC:

- 0--GT Flat Bottom
- 1--GT Depressed Bottom
- 2 through 9--Not Used

THIRD NUMERIC:

- 0--Less than 36' inside length (Ore Jenny)
- 1--36' inside length and less than 48'
- 2--48' inside length and less than 52'
- 3--52' inside length and less than 61'
- 4--61' inside length and over
- 5 through 9--Not Used

GT--Open top car, having high fixed sides and fixed or hinged ends and solid bottom, suitable for unloading on dumping machines only.

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EQUIPPED HOPPER EQUIPMENT TYPE CODE K _ _ _

CARS

FIRST NUMERIC:

- 0--Not Used
- 1--Less than 155,000 pounds load limit
- 2--155,000 to 184,999 pounds load limit
- 3--185,000 pounds load limit and over
- 4 through 9--Not Used

SECOND NUMERIC:

- 0--HKS
- 1--Not Used
- 2--HMS
- 3--HTR
- * 4--HTS
- 5--HKR
- 6--Not Used
- 7--HMSR
- 8--HMA (Ore Car)
- 9--Not Used

THIRD NUMERIC:

- 0--Non-rotary couplers
- 1--Rotary coupler on one end
- 2--Rotary couplers on both ends
- 3--Not Used
- * 4--Less than 3000 cu. ft.
- * 5--3000 to less than 4000 cu. ft.
- * 6--4000 to less than 5000 cu. ft.
- * 7--5000 cu. ft. and over
- 8, 9--Not used

NOTE: * HTS if NOT light density service, report third numeric 0, 1, 2, or 3; report fitting code "LD" and third numeric 4, 5, 6 or 7 for cars restricted to light density service.

HMA--Open top self-clearing car, having fixed sides and ends and bottom consisting of two divided hoppers with doors hinged lengthwise of car and dumping between rails.

NOTE 1: Where cars are specially built, modified or equipped for handling particular commodities, the letter "S" must be affixed to the applicable designating letters. Such special equipment must be reported in the fitting code field in the UMLER file and the appropriate notation made in The Official Railway Equipment Register.

NOTE 2: If any of these hopper cars are equipped with a roof for protection of contents, the letter "R" must be affixed to the regular symbol to designate its special class of service.

NOTE 3: For primary classifications, see Equipment Type Code H (unequipped hopper cars).

SPECIAL TYPE CARS EQUIPMENT TYPE CODE L _ _ _

FIRST NUMERIC:

- 0--All cars, except L999, see NOTE
- 1 through 8--Not Used
- 9--L999 only, see NOTE

SECOND NUMERIC:

- 0--LF (Flat)
- 1--LG (Gondola)
- 2--LP (Flat)
- 3--LPS (Flat)
- 4--LU (Box)
- 5--Not Used
- 6--LM (Hopper)
- 7--LC (Box)
- 8--Not Used
- 9--LS (Flat)

THIRD NUMERIC:

- 0--Cubic Capacity and Length not applicable (LS only)
- 1--Less than 3,000 cu. ft. capacity--LM
- 2--3,000 but less than 4,000 cu. ft. capacity--LM

- 3--4,000 but less than 5,000 cu. ft. capacity--LM
- 4--5,000 cu. ft. capacity and over--LM
- 5--Not Used
- 6--Less than 49'8" inside length--LC, LF, LG, LP, LPS, LU
- 7--49'8" and less than 59'8" inside length--LC, LF, LG, LP, LPS, LU
- 8--59'8" and over inside length--LC, LF, LG, LP, LPS, LU
- 9--L999 only, see note

NOTE: L999--Special flat not classified.

LC--Box car with side doors and roof hatches. May be equipped with end doors.

LF--Flat car equipped to handle one or more demountable containers for the transportation of commodities not under refrigeration.

NOTE: Not applicable to flat cars designed to handle containers in TOFC/COFC service or containers handling setup vehicles.

LG--Gondola car equipped to handle one or more demountable containers for the transportation of commodities not under refrigeration.

LM--A car equipped with one or more permanently enclosed tanks or containers, provided with one or more openings for loading and equipped for pneumatic or gravity unloading. Car is suitable for handling certain dry powered or granular commodities, and also low viscosity, nondangerous liquid commodities.

LP--Open-Top car having solid bottom and fixed ends equipped with sloping floor or longitudinal floor risers or sidestakes for the handling of pulpwood and not suitable for general commodity loading.

LS--A car of special construction having two separable interlocking units which form a car body. Units may be separated and load interposed between and locked in place to form a complete transportation unit.

LU--An enclosed with roof, having a special metal beam of heavy design at top of each side to support a series of retractable overhead side doors and their appurtenances, or other types of doors, running substantially the length of car, which beams also support the roof details. Car may be equipped with special loading devices or racks for handling various commodities.

M-O-W, SCALE, EQUIPMENT TYPE CODE M _ _ _

PASSENGER, CABOOSE

AND END-OF-TRAIN

INFORMATION SYSTEMS

**MAINTENANCE OF WAY, SCALE, PASSENGER, CABOOSE AND
END-OF-TRAIN INFORMATION SYSTEMS**

FIRST AND SECOND NUMERIC:

- 10--MW - Format A
- 11--MWB - Format A
- 12--MWD - Format A
- 14--MWE - Format A
- 15--MWF - Format C
- 16--MWFS - Format C
- 19--MWM - Format A
- 20--MWP - Format C
- 21--MWS - Format C
- 23--MWT - Format A
- 25--MWW - Format C
- 26--MWX - Format A
- 27--MWSP - Format A
- 28--MWG - Format C
- 29--MWH - Format C
- 30--MWJ - Format A
- 31--MWK - Format A
- 32--MWL - Format C
- 33--MWU - Format C
- 34--MWV - Format C
- 35--MS (SCALE) - Format C
- 36--MWTK - Format B
- 50--PA - Format A
- 51--PB - Format A
- 52--PD - Format A
- 53--PS - Format A
- * 54--PO - Format A
- 60--MT-training units and/or articulated combinations other than tank and flat units - Format A
- 61--MT-training unit (tank) - Format B

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62--MT-training unit (flat) - Format C
 80--Fuel Tender, Tank Diesel Fuel - Format B
 81--Fuel Tender, Tank Liquid Natural Gas (LNG) - Format B
 82--Fuel Tender, Locomotive Diesel Fuel - Format A
 83--Fuel Tender, Locomotive Liquid Natural Gas (LNG) - Format A
 90--ND (IDU) Input Display Unit/Locomotive - Format G
 91--NC (CLU) Communication Logic Unit/Locomotive - Format G
 92--NU (SBU) One way sensor Brake Unit/End of Train - Format G. A device mounted on the trailing coupler on the rear car of the train coupled to the brake pipe. The SBU senses brake pipe pressure, and may sense motion and direction. This information is relayed by radio to the head end of the train to a RDU, CDU or a CLU/IDU combination. In addition, the SBU acts as a marker to indicate the rear of the train. The SBU is NOT equipped with an emergency braking feature.
 93--NE Caboose - Format A
 94--NA (CDU) Sensing, audio, emergency braking Unit/Locomotive - Format G
 95--NL (NLU) Light only, may have brake pressure device/End-of-Train - Format G
 96--NB (RDU) Receiver Display Unit/Locomotive - Format G
 97--NF (SBT) Two way sensor Brake Unit/End-of-Train - Format G. A device mounted on the trailing coupler on the rear car of the train coupled to the brake pipe. The SBT senses brake pipe pressure, and may sense motion and direction. This information is relayed by radio to the head end of the train to a RDU, CDU or a CLU/IDU combination. In addition, the SBT acts as a marker to indicate the rear of the train and is equipped with an emergency braking feature to be used in the event of a loss of the normal braking capability from the head end of the train.

THIRD NUMERIC:

0--All units
 1 through 9--Not Used

* PO is not an official mechanical designation. It represents other not classified.

Equipment Type Code N (Not Used). See Equipment Type Code M For Caboose.

MS--Scale Car-Cars used to test railroad track sales.

MT--Training unit equipped with training aids or modified to demonstrate components of the unit.

MW--Class.

Weed Exterminator--A car equipped with machinery for propelling itself, or otherwise, and burning or spraying weeds along the track as it proceeds.

Ditching Car--A car equipped with machinery for propelling itself, or otherwise, and excavating ditches along the sides of the track as it proceeds.

Rail Saw--A car equipped with machinery for sawing track rails and similar material.

Rail Bender--A car equipped with machinery for bending track rails and similar material.

Grass Cutter--A car equipped with machinery for propelling itself, or otherwise, and cutting grass along the track as it proceeds.

Track Layer--A car equipped with machinery for propelling itself, or otherwise, and laying the track ahead of it as it proceeds.

MWB--Ballast Cars. All descriptions of cars used for the purpose of carrying ballast for the laying of new right of way and repairs. The car used generally for this work is of the gondola type, with side or center dump.

MWD--Dump Cars. On the type of contractors car used for building up fills; the body of the car dumps being raised by means of counterweight, air or hand power.

MWE--Ballast Spreader and Trimmer. A car with blades or wings for spreading or trimming ballast.

MWF--Flat Car. Used for transporting rails, ties or ballast and for storage of wrecking trucks, or gathering scraps along right of way. These cars are at times equipped with low sides, about 10 or 12 inches high.

MWG--Section Gang or Track Inspection Car. Flat car, with or without seats or tool boxes, and equipped with single or double cylinder gasoline engine serving as motive power.

MWH--Hand Car. This car is flat and mounted on four wheels and propelled by means of pushing, known as "Push Car."

MWJ--Ballast Unloader. A car equipped with machinery for pulling a plow through cars loaded with ballast.

MWK--Snow-removing Car. A car equipped with any special device for removing snow from between or alongside of rails.

MWL--Hand Car. This is a small flat car, with or without seats, mounted on four wheels and propelled by means of cranks or hand levers.

MWM--Store-Supply Car. A car equipped for handling material to be distributed for railroad use.

MWP--Pile Driver. A car equipped with machinery for pile driving.

MWS--Steam Shovel. Car equipped with donkey engine housed in. Having a boom of wood or steel and the end of which is a shovel or scoop. It may be propelled by its own power or by means of a locomotive and run as a car in freight trains, being equipped with safety appliances. The cubic capacity of shovels, in yards, can be indicated by figures after classification letters.

MWSP--Shoving platform consists of a car equipped with hand safety rails and a shelter where a trainman can guide a train in a reverse move or shoving operation.

MWT--Tool and Block Car. A car used for carrying all descriptions of tool equipment and blocking. This car has side and end housings and roof, also end platforms. There are doors in sides and ends and usually windows. It is fitted inside with proper racks and boxes for storage of tools.

MWU--Wrecking Derrick. This derrick has boom and hoist fitted to frame of flat car and lifting done by means of hand power; propelled by locomotives.

MWV--Wrecking Derrick. This derrick has boom and hoist fitted to flat car and having drum at one end to furnish means of hoisting; steam furnished to donkey engine, running drum, by means of flexible steam line from attached locomotive; propelled by locomotive.

MWW--Wrecking Derrick. A derrick used for wrecking purposes, having donkey engine to raise and lower booms and hoists; engine housed in and on separate platform with boom, is pivoted in center of car frame in order that it can be worked on either side or ends; usually fitted with anchor beams to be used for heavy lifting. Fitted with safety appliances and propelled by means of locomotive. Lifting capacity in tons shown by means of figures.

MWX--Boarding Outfit Car. This includes cars used for boarding, sleeping or cooking purposes in construction and similar work.

MWTK--Similar in design to "T," but used specifically in Maintenance-of-Way service.

NA--Sensing, audio, emergency braking unit (CDU) that accepts, analyzes and displays information relevant to the rear of train. The NA provides audible alerts and displays to assist the engineer operating the train and is equipped with emergency braking feature in the event normal brake capability is lost. The arming feature prevents unauthorized use of the emergency braking device.

NB--Receiver Display Unit (RDU). A device mounted on the control stand in the locomotive to receive, analyze and display information as transmitted by the SBU. The RDU provides audible alerts and displays to assist the engineer in train operation.

NE--All cabooses.

NC--Communications Logic Unit (CLU). A device located in the short hood of the locomotive which accepts and analyzes radio messages transmitted from the rear of the train by the SBU. After the messages are analyzed the CLU forwards the information for display in the cab of the locomotive.

ND--Input and Display Unit (IDU). A device mounted on the control stand in the cab of the locomotive to display information which has been sent by the SBU and analyzed by the CLU. The IDU provides audible alerts and displays to assist the locomotive engineer in the handling of the train.

NF--A device mounted on the trailing coupler on the rear car of the train coupled to the brake pipe. The SBT senses brake pipe pressure, and may sense motion and direction. This information is relayed by radio to the head end of the train to a RDU, CDU or a CLU/IDU combination. In addition, the SBT acts as a marker to indicate the rear of the train and is equipped with an emergency braking feature to be used in the event of a loss of the normal braking capability from the head end of the train.

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NL--Light only, may have brake pipe pressure device (NLU) mounted on side of trailing coupler on rear car. The NLU may or not be coupled to the brake pipe. When coupled senses brake pipe pressure, and displays this information on a mechanical gauge on the side of unit. Primary function is to act as a marker to indicate the rear of train.

NU--Sense and Braking Unit (SBU). A device mounted on the trailing coupler on the rear car of the train and coupled to the brake pipe. The SBU senses brake pipe pressure, and may sense motion and direction. This information is relayed by radio to the head end of the train to a RDU, CDU or a CLU/IDU combination. In addition, the SBU acts as a marker to indicate the rear of the train. The SBU is NOT equipped with an emergency braking feature.

PB--A car constructed for passenger train service and equipped to handle baggage, express, mail, merchandise or similar products.

PD--Car equipped for food or beverage service.

PA--Car equipped to handle passengers.

PS--Company service car, including office cars, instruction cars, display cars, etc.

Where car serves two purposes, as coach and baggage, combine symbols, as "PAB."

**CONVENTIONAL EQUIPMENT TYPE CODE P _ _ _
INTERMODAL CARS**

Mechanical Designation "FC"
If Tare Weight is 33M Pounds or Greater
(See NOTES 1 through 5 below)

FIRST NUMERIC (See NOTES 1 and 2):

- 0--Not Used
- 1--Single Length--Low Level--8' Tandem
- 2--Single Length--Low Level--8 1/2' Tandem
- 3--Single Length--Standard Level--8' Tandem
- 4--Single Length--Standard Level--8 1/2' Tandem
- 5--Double Length--Low Level--8' Tandem
- 6--Double Length--Low Level--8 1/2' Tandem
- 7--Double Length--Standard Level--8' Tandem
- 8--Double Length--Standard Level--8 1/2' Tandem
- 9--Double Length Car with Deck Height 3'2" ATR--8' Tandem

SECOND NUMERIC:

- 0--Not Used
- 1--Circus and Lift On/Lift Off--TOFC Only
- 2--Circus, equipped for portable bridge plates, and Lift On/Lift Off--TOFC Only
- 3--Lift On/Lift Off Only--TOFC Only
- 4--Circus and Lift On/Lift Off--All Purpose (TOFC and COFC)
- 5--Circus, equipped for portable bridgeplates, and Lift On/Lift Off--All Purpose (With Stub Bridge Plates)
- 6--Circus, equipped for portable bridgeplates, and Lift On/Lift Off--All Purpose (No Stub Bridge Plates)
- 7--Lift On/Lift Off Only--All Purpose
- 8--Lift On/Lift Off Only--COFC Only
- 9--Not Used

THIRD NUMERIC (See NOTE 3):

If First Numeric is 1 through 4 and Second Numeric is 1, 2, or 3, then,

- 0--Cars otherwise not classified--contact car owner
- 1--Trailer up to 40' long
- 2--Trailer up to 45' long
- 3--Trailer up to 48' long
- 4--Trailer up to 50' long
- 5--Trailer up to 53' long
- 6--Trailer up to 57' long
- 7 through 9--Not Used

If First Numeric is 1 through 4 and Second Numeric is 4 through 7, then, Third Numeric (TOFC/COFC) is:

- 0--All cars
- 1 through 9--Not Used

If First Numeric is 1 through 4 and Second Numeric is 8, then, (See NOTE 5)

- 0--Cars not otherwise classified--contact car owner
- 1--1-40' and 1-20' container or 3-20' containers
- 2--1-40' or 1-40' 03" container
- 3 through 9--Not Used

If First Numeric is 5 through 9 and Second Numeric is 1, 2, or 3, then,

- 0--Cars not otherwise classified, contact owner
- 1--2-40' trailers with or without nose mounted reefers (If 1st Numeric equals 9, car will not handle nose mounted reefers).
- 2--1-40' trailer without and 1-45' trailer with nose mounted reefer, or 2-40' trailers with nose mounted reefer.
- 3--2-45' trailers (see NOTE 4)
- 4--Any two trailers with aggregate length up to 90'.
- 5--1-40' trailer without and 1-45' trailer with nose mounted reefer, or 3-28' "Pups" or 2-40' trailers with nose mounted reefer.
- 6--Any two trailers with aggregate length up to 90' or 3-28' Pups.
- 7 through 9--Not Used

If First Numeric is 5 through 9 and Second Numeric is 4 through 7 (All Purpose) then,

- 0--Cars not otherwise classified--contact car owner
- 1--Trailers and/or containers as follows -- 1-40' trailer without and 1-45' trailer with nose mounted reefer, or 2-40' trailers with nose mounted reefer, or various combinations of 20' and 40' containers and/or trailers, or 1-45' container with one other container up to 35' long.
- 2--Trailers and/or containers as follows -- 2-45' trailers without nose mounted reefers, or various combinations of 20' and 40' containers and/or trailers, or 1-45' container with one other container up to 35' long. (See NOTE 4)
- 3 through 9--Not Used

If First Numeric is 5 through 9 and Second Numeric is 8 (COFC Only) then, (See NOTE 5)

- 0--Cars not otherwise classified--contact car owner
- 1--2-40' containers Only.
- 2--2-40' or 4-20' containers and various combinations
- 3--2-40' or 4-20' containers and various combinations or 1-45' container with one other container up to 35' long.
- 4 through 9--Not Used

NOTE 1: "Single Length" car will handle one unit at least 40' long. (Car will generally be 50'-75' long).
"Double Length" car will handle two units at least 40' long. (Car will generally be 85'-89'4" long).

NOTE 2: "Low Level" is 2'9" or less ATR. "Standard Level" is 3'4" inches ATR or over.

NOTE 3: Although other king pin settings may be acceptable, trailer handling capabilities assume trailer king pin settings of 36".

NOTE 4: These cars will also handle 40' or 45' trailers with nose mounted reefer units at the "A" position (middle) hitch provided the "B" position (leading) hitch is carrying a 40' or shorter trailer. In no case will the "B" position hitch handle a trailer with nose mounted reefer regardless of the length of the trailer.

NOTE 5: These cars will not handle containers more than 8'0" wide.

FC--Flat cars, specifically equipped to carry trailers, containers, chassis, or removable trailer bodies for the transportation of freight in TOFC/COFC service.

LIGHTER WEIGHT, LOW EQUIPMENT TYPE CODE Q _ _ _

PROFILE INTERMODAL

CARS

Mechanical Designation "FC" -- If Less than 33M Pounds
or
"FCA" Articulated and Multi-Platform Cars
or
Steel Wheel Railsets
for Car-less Technology
(See NOTES 1 through 6 below)

FIRST NUMERIC:

- 0--Not Used

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- 1--Trailers Only
- 2--Containers Only--8' wide--Single tier
- 3--Containers Only--8 1/2' wide--Single tier
- 4--Containers Only--8' or 8 1/2' wide--Single tier
- 5--Trailers or 8' wide containers
- 6--Trailers or 8 1/2' wide containers
- 7--Trailers or 8' or 8 1/2' wide containers
- 8--Steel wheel railsets for car-less technology (See NOTE 4)
- 9--Integrated multi-platform unit, trailers-containers various dimensions

SECOND NUMERIC (See NOTE 4):

- 1--1 Platform -- FC
- 2--2 Platforms -- FCA
- 3--3 Platforms -- FCA
- 4--4 Platforms -- FCA
- 5--5 Platforms -- FCA
- 6--6 Platforms -- FCA
- 7--7 Platforms -- FCA
- 8--8 Platforms -- FCA
- 9--9 Platforms -- FCA
- 0--10 or more Platforms -- FCA

THIRD NUMERIC--If First Numeric is 1 (See NOTES 5 and 6):

- 0--Cars not otherwise classified--contact car owner
- 1--One 40'-45' trailer per platform
- 2--One 40'-48' trailer per platform
- 3--One 40'-53' trailer per platform
- 4--One 40'-57' trailer per platform
- 5--One 40'-45' trailer per platform with nose mounted reefer units on trailers on A and B platforms Only.
- 6--One 28'-48' trailer per platform
- 7--Four trailers up to 45' long, without nose-mounted reefer units per car; or three trailers, up to 56' long per car, where the center trailer must be 48' long or longer and Only the center trailer may be equipped with nose-mounted reefer unit and/or 42" king pin settings (deck height is 3'6" ATR).
- 8--Three trailers up to 56' long per car, with up to 42" king pin settings and/or nose-mounted reefer units per car. The center trailer must be 48' long or longer (deck height is 3'6" ATR).
- 9--Not Used

THIRD NUMERIC--If First Numeric is 2, 3 or 4:

- 0--Cars not otherwise classified--contact car owner
- 1--Two 20' or one 40', 45' or 48' by 96" by 96" or 102" container(s) on A, B, and D platforms and one 40', 45' or 48' by 96" or 102" container on C and E platforms.
- 2--Two 20' or one 40', 45' or 48' by 96" or 102" container(s) on all platforms.
- 3 through 9--Not Used

THIRD NUMERIC--If First Numeric is 5, 6 or 7:

- 0--Cars not otherwise classified--contact car owner
- 1--One 28' through 48' trailer on all platforms, or one 40' through 48' by 96" or 102" container on all platforms, or two 20' by 96" or 102" containers on A and B platforms Only.
- 2--One 28' through 53' trailer on all platforms, or one 40' through 53' by 96" or 102" container on all platforms, or two 20' by 96" or 102" containers on A and B platforms Only.
- 3 through 9--Not Used

THIRD NUMERIC--If First Numeric is 8:

- 0--Bogey equipped with rail coupler
- 1--Bogey single air line with rail coupler
- 2--Bogey double air line with rail coupler
- 3--Intermediate Connector without rail coupler
- 4 through 9--Not Used

NOTE 1: All "Q" class cars have a deck height of 2'8" ATR or less, unless otherwise indicated.

NOTE 2: All "Q" class cars are suitable Only for Lift-On/Lift-Off terminal handling (no bridge plates and non-retractable hitches).

NOTE 3: All "Q" class cars will handle trailers with tandem wheels up to 102" wide.

NOTE 4: Multiples of two or more platforms are either fully articulated or are semi-permanently coupled together and cannot be separated except at a repair track. A "platform" is capable of carrying a trailer or container at least 40' long or two 20' containers. If 1st numeric is 8 (Steel wheel sets for carless technology) 2nd numeric must be a 1.

NOTE 5: Although other king pin settings may be acceptable, trailer handling capabilities are based on a trailer king pin setting of 36".

NOTE 6: All "Q" class cars with TOFC capability will handle trailers of the length indicated, plus nose mounted refrigeration units, unless otherwise indicated.

FCA--Flat car, articulated multi-unit, specially equipped to carry trailers, containers, chassis, or removable trailer bodies for the transportation of freight in TOFC/COFC service.

REFRIGERATOR CARS EQUIPMENT TYPE CODE R _ _ _

FIRST NUMERIC:

- 0--Not Used
- 1--Less than 49' inside length
- 2--Less than 49' inside length with cushion draft gear/underframe
- 3--49' and less than 59' inside length
- 4--49' and less than 59' inside length with cushion draft gear/underframe
- 5--59' and less than 79' inside length
- 6--59' and less than 79' inside length with cushion draft gear/underframe
- 7--79' and over, inside length
- 8--79' and over inside length with cushion draft gear/underframe
- 9--Not Used

SECOND NUMERIC:

- 0--RB
- 1--RBL
- 2 through 5--Not Used
- 6--RP
- 7--RPL
- 8--Not Used
- 9--RC

THIRD NUMERIC:

- 0--All other cars
- 1--Body fiberglass, reinforced composite
- 2 through 9--Not Used

RB--Bunkerless refrigerator car with or without ventilating devices and with or without device for attaching portable heaters. Constructed with insulation in side ends, floor and roof to meet maximum UA factor requirement of 250 BTU/F/Hour for 50 foot cars and 300 BTU/F/Hour for 60 foot cars. Effective for cars ordered new after March 1, 1984.

NOTE: Cars built or rebuilt prior to March 1, 1984, must have been constructed with a minimum of 3 in. of insulation in the sides and ends and 3-1/2 in. in floor and roof based on the insulation requirements given in AAR Standard S-2010 or a thickness reduced in proportion to the thermal conductivity of the insulation.

RBL--Car similar in construction to an "RB" type car, but equipped in addition with adjustable loading or stowing device.

NOTE: Cars equipped with interior side rails only, built new, rebuilt or reclassified on and after January 1, 1966, in order to qualify for the "RBL" designation, shall have a minimum of four (4) usable side rails on each wall of car, each extending from doorway to approximately four (4) feet from end of car.

RC--Refrigerator Car similar to an "RB" car using a cryogen to produce temperatures to transport frozen commodities.

RP--Mechanical Refrigerator car equipped with or without means of ventilation and provided with apparatus for furnishing protection against heat and/or cold. Apparatus operated by power other than from the car axle.

RPC--Mechanical Refrigerator car similar in design to an "RP" but equipped with permanently affixed container(s).

RPL--Mechanical Refrigerator. Similar to "RP" but equipped in addition with adjustable loading or stowing device.

STACK CAR EQUIPMENT TYPE CODE S _ _ _

Well Cars--COFC/TOFC
Capable of Carrying Double Stacked Containers
(See NOTES 1 through 4 below)

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FIRST NUMERIC:

- 0--Cars not otherwise classified--contact car owner
- 1--All 40' Wells
- 2--All 45' Wells
- 3--All 48' Wells
- 4--40' end and 45' Intermediate Wells
- 5--40' end and 48' Intermediate Wells
- 6--All 53' Wells
- 7--All 56' Wells
- 8, 9--Not Used

SECOND NUMERIC (See NOTE 2):

- 0--Cars not otherwise classified--contact car owner
- 1--Single Well -- IBC Type -- FC
- 2--Two Wells -- IBC Type -- FCA
- 3--Three Wells -- IBC Type -- FCA
- 4--Four Wells -- IBC Type -- FCA
- 5--Five Wells -- IBC Type -- Light Capacity (100 Ton Trucks) -- FCA
- 6--Five Wells -- IBC Type -- Heavy Capacity (125 Ton Trucks) -- FCA
- 7--Five Wells -- Bulkhead Type -- Light Capacity (100 Ton Trucks) -- FCA
- 8--Five Wells -- Bulkhead Type -- Heavy Capacity (125 Ton Trucks) -- FCA
- 9--Not Used

THIRD NUMERIC:

If Second Numeric is 1, 2, 3, or 4 then (See NOTES 3 and 5)

- 0--Cars not otherwise classified--contact car owner
- 1--1-40', 45' or 48' container in well and 1-40', 45', 48' or 53' container stacked on top of well.
- 2--2-20', 1-40', 45' or 48' container in well and 1-40', 45', 48' or 53' container stacked on top of well.
- 3--2-20', 1-40', 45' or 48' container in well and 1-40', 48' or 53' container stacked on top of well or 2-28' trailers or 1-40' through 53' trailer in well. Trailers can be either 96" or 102" wide and can be equipped with nose-mounted refrigerator units.
- 4--2-20' or 28' containers or 1-40', 45', 48' or 53' container in well and 2-28' containers, 1-40', 45', 48' or 53' container stacked on top of well.
- 5--2-20', 1-40', 45', 48' or 53' container in well and 1-40', 45', 48' or 53' (see NOTE 5) container stacked on top of well.
- 6 through 9--Not Used

If Second Numeric is 5 or 6, then (See NOTE 3):

- 0--Cars not otherwise classified--contact car owner
- 1--2-20' or 1-40' container(s) in end wells and 1-40' container only in intermediate wells with 1-40', 45' or 48' container stacked on top of all wells.
- 2--2-20' or 1-40' container(s) in all wells and 1-40', 45' or 48' container stacked on top of all wells.
- 3--1-40' or 45' container in all wells and 1-40', 45', 48' or 53' container stacked on top of all wells.
- 4--1-40', 45' or 48' container in all wells and 1-40', 45', 48' or 53' container stacked on top of all wells.
- 5--2-20' or 1-40' container(s) in end wells and 1-40' or 45' container in intermediate wells with 1-40', 45' or 48' container stacked on top of all wells and 53' containers stacked only on top of intermediate wells.
- 6--2-20' or 1-40' container(s) in end wells and 1-40', 45' or 48' container in intermediate wells with 1-40', 45' or 48' container stacked on top of all wells and 53' containers stacked only on top of intermediate wells.
- 7--2-20' or 2-24' or 1-40' or 1-45' or 1-48' container(s) in all wells with 1-40' or 1-45' or 1-48' or 1-53' container stacked on top of all wells.
- 8--2-20' or 24' or 1-40' or 1-45' or 1-48' container(s) in the end wells and 1-40' or 1-45' or 1-48' container in the intermediate wells with 1-40' or 1-45' or 1-48' or 1-53' stacked on top of all wells.
- 9--Not Used

If Second Numeric is 7 or 8, then (See NOTE 4):

- 0--Cars not otherwise classified--contact car owner
- 1--2-20' or 1-40' container(s) in end wells and 40' containers only in intermediate wells with 40' or 48' containers stacked on top of all wells.
- 2--2-20' or 1-40' container(s) in end wells and 40' containers only in intermediate wells with 40', 45' or 48' containers stacked on top of all wells.
- 3--2-20' or 1-40' container(s) in end wells and 40' containers only in intermediate wells with 40' containers stacked on end wells and 40' or 45' containers stacked on intermediate wells.
- 4--2-20' or 1-40' container(s) in all wells with 40' or 48' containers stacked on top of all wells.
- 5--2-20' or 1-40' container(s) in all wells with 40', 45' or 48' containers stacked on top of all wells.
- 6--1-40' container only in end wells and 2-20' or 1-40' container(s) in intermediate wells with 40' or 48' containers stacked on top of all wells.

7--1-40' container only in end wells and 2-20' or 1-40' container(s) in intermediate wells with 40', 45' or 48' containers stacked on top of all wells.
 8--1-40' container in all wells with 1-40' or 1-45' container stacked on top of all wells.
 9--2-20' or 1-40' container(s) in all wells with 1-40' or 1-45' container stacked on top of all wells.

NOTE 1: Most IBC type and some Bulkhead type cars are equipped with empty/load brakes. Refer to UMLER Bearing & Brake Shoe Type for specifics.

NOTE 2: Single well and drawbar connected double-stack cars have a load limit of 135,000 lbs. or more per well. "Light Capacity" refers to 5-well cars with 100-ton trucks at intermediate locations. "Heavy Capacity" refers to 5-well cars with 125-ton trucks at intermediate locations.

Stenciled "Load Limit" will govern in determining the maximum gross weight which can be loaded in individual wells.

NOTE 3: If the second numeric is 1, 2, 3, 4, 5 or 6, the container configurations and stacking combinations shown in the third numeric assume that 20' and 40' containers are 96" wide and that 45', 48' and 53' containers can be either 96" or 102" wide and further that 40', 45', 48' and 53' containers have both top and bottom corner castings at the 40' and 96" locations.

NOTE 4: If the second numeric is 7 or 8, the container configurations and stacking combinations shown in the third numeric assume that 20', 40' and 45' containers are 96" wide (unless otherwise indicated) and that 48' and 53' containers are 102" wide. If 40', 45' and 48' containers are going to be stacked in the upper position of bulkhead cars using IBCs rather than "flippers" then the container must have both top and bottom corner castings at the 40' and 96" locations.

NOTE 5: If 53' container in well, only 53' container can be stacked on top.

TANK CARS**EQUIPMENT TYPE CODE T _ _ _**

FIRST AND SECOND NUMERIC:

Major Class Description (See Exhibit J)

THIRD NUMERIC:

- 0--Capacity not applicable
- 1--7,000 gal. and less capacity
- 2--8,000 through 9,000 gallons capacity
- 3--10,000 through 11,000 gallons capacity
- 4--12,000 through 18,000 gallons capacity
- 5--19,000 through 21,000 gallons capacity
- 6--22,000 through 24,000 gallons capacity
- 7--25,000 through 27,000 gallons capacity
- 8--28,000 through 31,000 gallons capacity
- 9--32,000 gallons capacity and over

For the purpose of determining capacity for coding, the following is used:

- 6,500 to 7,499 gallons--show as 7,000 gallons capacity
- 7,500 to 8,499 gallons--show as 8,000 gallons capacity
- 8,500 to 9,499 gallons--show as 9,000 gallons capacity, etc...

T--Tank Car. Tank car means any car which is used only for the transportation of liquids, liquefied gases, compressed gases, or solids that are liquefied prior to unloading. Car may be without underframe if container serving as superstructure is designed to serve as underframe. If car has underframe, it must be designed only for the carriage of one or more enclosed containers (with or without compartments) that form the superstructure and are integral parts of the car. All such containers must be securely attached to the underframe when offered for transportation but may have demountable features. Before any car can be considered a tank car hereunder, the design of all such containers thereon must have been approved 1) by the AAR Committee on Tank Cars as having met all applicable AAR specifications and requirements and 2) by said Committee or, in appropriate cases, the Department of Transportation, as having met all applicable specifications and requirements of Subpart I of the Regulations for Transportation of Explosives and Other Dangerous Articles.

NOTE--For listing of all tank car specifications, refer to the Specifications for Tank Cars and/or the Interchange Rules.

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CONTAINERS

EQUIPMENT TYPE CODE U _ _ _

FIRST NUMERIC:

- 0--Bulk Hopper
- 1--Not Used
- 2--General Service (Non-equipped Dry Vans)
- 3--Flat Racks
- 4--Open Tops
- 5--Mechanical Refrigerator
- 6--Tank
- 7--Insulated
- 8--Not Used
- 9--Special Equipped Straight Floor Closed

SECOND NUMERIC:

- 0--40 ft. and less than 42 ft., outside length
- 1--Less than 20 ft., outside length
- 2--20 ft. and less than 27 ft., outside length
- 3--27 ft. and less than 35 ft., outside length
- 4--35 ft. and less than 40 ft., outside length
- 5--45 ft. and less than 48 ft., outside length
- 6--42 ft. and less than 45 ft., outside length
- 7--48 ft. and less than 53 ft., outside length
- 8--53 ft. and less than 57 ft., outside length
- 9--57 ft. and over, outside length

THIRD NUMERIC:

- 0--Container not otherwise classified, contact owner
- 1--O.S. Width 8' and under, Outside Height 8'6" and under
- 2--O.S. Width 8' and under, Outside Height over 8'6" and to 9' inclusive
- 3--O.S. Width 8' and under, Outside Height over 9' and to 9'6" inclusive
- 4--O.S. Width 8' and under, Outside Height over 9'6"
- 5--O.S. Width over 8', Outside Height 8'6" and under
- 6--O.S. Width over 8', Outside Height over 8'6" and to 9' inclusive
- 7--O.S. Width over 8', Outside Height over 9' and to 9'6" inclusive
- 8--O.S. Width over 8', Outside Height over 9'6"
- 9--Not Used

VEHICULAR FLAT CARS

EQUIPMENT TYPE CODE V _ _ _

(FA ONLY)

FIRST NUMERIC:

- 0--Uni-level rack, single unit, fully enclosed with doors and roof
- 1--Tri-level rack, multiple unit, fully enclosed with doors and roof
- 2--Tri-level rack, articulated, fully enclosed with doors and roof
- 3--Tri-level rack, single unit, non-fully enclosed (includes non-side-shielded, roof but no doors, doors but no roof)
- 4--Tri-level rack, single unit, fully enclosed with doors and roof
- 5--Not used
- 6--Bi-level rack, multiple unit, fully enclosed with doors and roof
- 7--Bi-level rack, articulated, fully enclosed with doors and roof
- 8--Bi-level rack, single unit, non-fully enclosed (includes non-side-shielded, side-shielded, roof but no doors, doors but no roof)
- 9--Bi-level rack, single unit, fully enclosed with doors and roof

NOTE: Articulated = Articulated Connector at Intermediate Connection.
Multiple Unit = Solid Drawbar at Intermediate Connection.

SECOND NUMERIC:

- 0--Low level, extreme height less than 18'10"
- 1--Low level, extreme height 18'10" and less than 19'01"
- 2--Low level, extreme length 19'01" and less than 20'02"
- 3--Mid level, extreme height less than 18'10"
- 4--Mid level, extreme height 18'10" and less than 19'01"
- 5--Mid level, extreme height 19'01" and less than 20'02"
- 6--High level, extreme height less than 18'10"
- 7--High level, extreme height 18'10" and less than 19'01"
- 8--High level, extreme height 19'01" and less than 20'02"
- 9--Any level, extreme height 20'02" and greater

NOTE: Platform heights ATR are defined: Low level = less than 34"; Mid level = 34" and less than 40"; High level is 40" and greater.

THIRD NUMERIC:

- 0--No doors
- 1--Full height, Radial
- 2--Full height, RAVE, Trinity

- 3--Full height, RAVE, Portec
- 4--Full height, Tri-Arc
- 5--Full height, Tri-Fold
- 6--Full height, Pick
- 7--Full height, All other (including Bi-Fold, Three Piece, Wire Mesh, etc.)
- 8--Full height, Seal Safe Radial
- 9--Partial height, all (including Bi-Fold, Radial, Tri-Fold, Wire Mesh, etc.)

FA--Flat car specifically equipped with superstructure or containers for transporting set-up vehicles, not suitable for miscellaneous commodities.

TRAILERS

EQUIPMENT TYPE CODE Z _ _ _

FIRST NUMERIC:

- 0--Bulk Hopper or Tank
- 1--Chassis (Refer to Second and Third Numeric under Chassis)
- 2--General Service (Non-equipped Dry Vans)
- 3--Flat Beds (includes removable sides, platforms and expandables)
- 4--Open Tops
- 5--Mechanical Refrigerators
- ** 6--Rail Compatible Unit
- 7--Insulated
- 8--Drop Frames (includes Wedge Frames)
- 9--Special Equipped Straight Floor Closed

Note: Z0__ must have Fitting Code "CN" for Tank.

SECOND NUMERIC: (Not For Z1__ or Z6__)

- 0--40 ft. and less than 42 ft., outside length
- 1--Less than 20 ft., outside length
- 2--20 ft. and less than 27 ft., outside length
- 3--27 ft. and less than 35 ft., outside length
- 4--35 ft. and less than 40 ft., outside length
- 5--45 ft. and less than 48 ft., outside length
- 6--42 ft. and less than 45 ft., outside length
- 7--48 ft. and less than 53 ft., outside length
- 8--53 ft. and less than 57 ft., outside length
- 9--57 ft. and over, outside length

** SECOND NUMERIC (Z6__ Only)

- 0--Not Used
- 1--Less than 48' Mark IV Type Van
- 2--48' and less than 53' Mark IV Type Van
- 3--53' and over Mark IV Type Van
- 4--Less than 48' Mark V Type Van
- 5--48' and less than 53' Mark V Type Van
- 6--53' and greater Mark V Type Van
- * 7--Chassis less than 48', outside length
- * 8--Chassis 48' and less than 53', outside length
- * 9--Chassis 53' and over, outside length

NOTE: Use Chassis third numeric.

THIRD NUMERIC: (Not for Z1__ and Z6__)

- 0--Trailer not otherwise classified, contact owner
- 1--O.S. Extreme Width 8' and under--Outside Height 12'6" and under
- 2--O.S. Extreme Width 8' and under--Outside Height over 12'6" and under 13'
- 3--O.S. Extreme Width 8' and under--Outside Height 13' and under 13'6"
- 4--O.S. Extreme Width 8' and under--Outside Height 13'6" and over
- 5--O.S. Extreme Width over 8'--Outside Height 13' and under--96" Wide Tandem
- 6--O.S. Extreme Width over 8'--Outside Height over 13'--96" Wide Tandem
- 7--O.S. Extreme Width over 8'--Outside Height 13' and under--over 96" Wide Tandem
- 8--O.S. Extreme Width over 8'--Outside Height over 13'--over 96" Wide Tandem

CHASSIS (Z1__)

SECOND NUMERIC:

- 0--45 ft. to 53 ft. Extendible, outside length
- 1--40 ft. to 45 ft. Extendible, outside length
- 2--20 ft. Straight and 20/24 ft. Combo, outside length
- 3--48 ft. and over Straight, outside length
- 4--40 ft. to 53 ft. Extendible, outside length
- 5--45 ft. and less than 48 ft. Straight, outside length
- 6--40 ft. and less than 45 ft. Straight, outside length

**SECTION IX
Exhibits**

Effective: 12/1/2002

7--40 ft. to 48 ft. Gooseneck, outside length
8--40 ft. Combo (20/40), outside length
9--40 ft. Tri-Purpose, outside length

THIRD NUMERIC (Z1__ and Z6__ Only):

0--Chassis not otherwise classified, contact owner
1--O.S. Height 4'6" and under at locking plane, Tandem Width 96" or under
2--O.S. Height 4'6" and under at locking plane, Tandem Width over 96" to 102" inclusive
3--O.S. Height 4'6" and under at locking plane, Tandem Width over 102"
4--O.S. Height over 4'6" at locking plane, Tandem Width 96" or under
5--O.S. Height over 4'6" at locking plane, Tandem Width over 96" to 102" inclusive
6--O.S. Height over 4'6" locking plane, Tandem Width over 102"
7 through 9--Not Used

EXHIBIT B1

‡ CAR SERVICE LINE CODES AND R1 CODES

January 01, 02

CS Line Codes are used to generically group revenue freight cars for reporting the following Car Service Reports: CS-8A, CS-54-1 and CS-60.

R-1 Sch 710 Line -- CS Line Code -- Equipment Type and Mechanical Designation -- Equipment Type Codes

LOCOMOTIVE:

01 -- 00 -- Diesel Freight D1__
02 -- 00 -- Diesel Passenger D2__
03 -- 00 -- Diesel Multi-purpose D4__, D5__
04 -- 00 -- Diesel Switching D3__
06 -- 00 -- Electric D7__
09 -- 00 -- Auxiliary M8__

END-OF-TRAIN:

00 -- 30 -- NF -- M970 Two way end-of-train (EOT) units
00 -- 31 -- ND, NC, NA, NB -- M900, M910, M940, M960 Head end units
00 -- 32 -- NU, NL -- M920, M950 One way and light only EOT units

BOX:

Plain Box--XM, XMI
36 -- 1 -- 40' -- B1__, B2__
37 -- 2 -- 50'-59' (Less than 11' door opening) -- B3_0-4_, B4_0-4_
37 -- 3 -- 50'-59' (11' and over door opening) -- B3_5-7_, B4_5-7_
37 -- 4 -- 60' and longer (All door widths) -- B5__, B6__, B7__, B8__
38 -- 6 -- Equipped Box--XF, XL, XP, except XLI and XPI -- A_0_, A_2_, A_3_

COVERED HOPPER: LO, HTR (With UMLER Fitting Code FC)

41 -- 8 -- Under 4,000 Cubic Feet -- C__1, C__2
41 -- 9 -- 4,000 Cubic Feet and Over -- C__3, C__4

REFRIGERATOR AND INSULATED BOX:

38 -- 11 -- Insulated Equipped Box--XLI and XPI -- A_1_, A_4_
45 -- 12 -- Non-Mechanical--RB, RBL -- R_0_, R_1_
44 -- 13 -- Mechanical--RC, PR, RPL -- R_6_, R_7_, R_9_

GONDOLA:

Plain Gondolas--GA, GB, GD, GS
39 -- 15 -- Under 61' -- G1__, G2__, G3__, G4__, G5__
39 -- 16 -- 61' and over -- G6__, G7__
39 -- 17 -- GT 36' and over Inside Length -- J__1, J__2, J__3, J__4
40 -- 18 -- Equipped Gondolas--GBR, GBS, GBSR, GDS, GSS, GTR, GTS, GWS and GWSR -- All Codes E

HOPPER:

42 -- 20 -- General Service--HFA, HK, HM, HT, HTA -- All Codes H
43 -- 21 -- Special Service--Ore jenny, GT less than 36' inside length, HKR, HKS, HMA, HMSR, HTR, and HTS -- J__0, and all Codes K

FLAT:

48 -- 23 -- General Service -- F10_, F20_, F30_
FM with load limit less than 200,000 lbs.
47 -- 24 -- Special Service -- All Codes V
Multi-Level--FA
46 -- 25 -- TOFC-COFC--FC, FCA -- All codes P, Q, and S
49 -- 26 -- Other Flats--FB, FBC, FBS, FD, FDC, FMS, FW, and FM with a load limit of 200,000 lbs. and over -- F_1_, F_2_, F_3_, F_4_, F_5_, F_6_, F_8_, F_9_, F_40_
50/51 -- 28 -- TANK, and T -- All Codes T (50 = T__1-T__5;

51 -- T__6-T__9)
52 -- 29 -- All Others: FL, LC, LF, LG, LM, LP, LPS, LS, LU and S -- A_5_, F_7_, L_0_, L_1_, L_2_, L_3_, L_4_, L_6_, L_7_, L_9_, Q8__

Equipment Type Codes

59 -- Chassis -- Z1__, Z67_, Z68_, Z69_
60 -- Dry Van -- U2__, Z2__, Z6_1-6
61 -- Flat Bed -- U3__, Z3__
62 -- Open Top -- U4__, Z4__
63 -- Mechanical Refrigerator -- U5__, Z5__
64 -- Bulk Hopper -- U0__, *Z0__
* If Fitting Code "CN" report L.66
65 -- Insulated Van -- U7__, Z7__
66 -- Tank -- U6__, *Z0__
* Must have Fitting Code "CN"
67 -- All Others -- U9__, Z8__, Z9__

EXHIBIT C

LINING CODES

Code--Description:

C--Cement
F--Fiberglass (for TOFC/COFC equipment)
G--Glass
K--Kanigen
L--Sheet Metal
M--Metal Clad--Bart, Lead, Monel, Nickel, Stainless Steel
N--Composite Wood and Steel (Nailable)
P--Metal Spray Type--Aluminum, Stainless Steel, Tin, Zinc and Tin
R--Rubber--Amerplate, Rubber (Any Kind), Saran
S--Synthetic Type--Amrocoat, Copon, Epoxy, Ferroglazed, Flakeglass, Flintex, Freightliner, Hard Board (i.e., Masonite), Heresite, Hypalon, Kemply (for TOFC/COFC equipment), Lithocote, Placite, Plastic, Polyclutch
U--Unlined
V--Vinyl
W--Wood Lined

EXHIBIT D

CLEARANCES

**Widths at one inch increments in height.
Top portion of equipment diagrams plates B and C.
FOR UMLER EDITING CHECKS ONLY**

HOW TO USE EXHIBIT D:

Exhibit D's purpose is to determine if the outside height and width data furnished in your UMLER record is within the Plate Clearance code reported. (e.g., clearance--B, Height From Rail to Extreme Width--1500, Extreme Width--0704; you would then find the height reported (1500) under Plate B in the above table. Directly to the right of 1500 is the maximum width at that height, in this case 0708. Therefore, the Extreme Width reported of 0704 is within Plate B.)

In the event that the data reported for the Extreme Width in the above example was 0711, Extreme Width would be flagged in the error listing as follows: 0711.

Relational errors (See Exhibit I1, Section IX), as in the above example, indicate one of the following could be wrong:

- a. 0711 Extreme Width is not correct. It was actually 0708 or less.
- b. 1500 height above rail to extreme width is not correct. It was actually 1411 or less.
- c. Clearance code B is incorrect, and the 2 dimensions are correct. The car is actually a Code C.

It will be the responsibility of the reporting party to resolve such errors with their mechanical department and submit the correct data.

U.S. Census Regions

New England (NE)
 Middle Atlantic (MA)
 South Atlantic (SA)
 East North Central (ENC)
 East South Central (ESC)
 West South Central (WSC)
 Mountain (MT)
 West North Central (WNC)
 Pacific (PAC)

<u>State</u>	<u>Region</u>	<u>State</u>	<u>Region</u>	<u>State</u>	<u>Region</u>
AL	ESC	ME	NE	OK	WSC
AR	WSC	MD	SA	OR	PAC
AZ	MT	MA	NE	PA	MA
CA	PAC	MI	ENC	RI	NE
CO	MT	MN	WNC	SC	SA
CT	NE	MS	ESC	SD	WNC
DE	SA	MO	WNC	TN	ESC
DC	SA	MT	MT	TX	WSC
FL	SA	NE	WSC	UT	MT
GA	SA	NV	MT	VT	NE
ID	MT	NH	NE	VA	SA
IL	ENC	NJ	MA	WA	PAC
IN	ENC	NM	MT	WV	SA
IA	WNC	NY	MA	WI	ENC
KS	WNC	NC	SA	WY	MT
KY	ESC	ND	WNC		
LA	WSC	OH	ENC		

U.S. CENSUS REGIONS

**WEST NORTH CENTRAL
(WNC)**



**EAST NORTH CENTRAL
(ENC)**



**NEW ENGLAND
(NE)**



**MIDDLE ATLANTIC
(MA)**

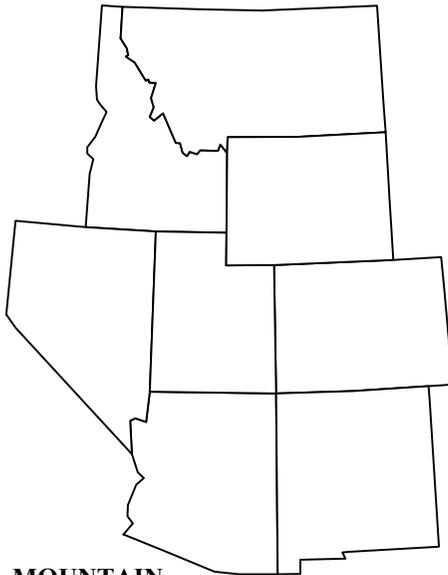
**EAST SOUTH CENTRAL
(ESC)**



**SOUTH ATLANTIC
(SA)**

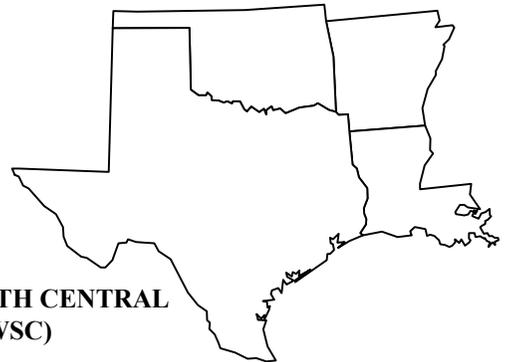


**PACIFIC
(PAC)**



**MOUNTAIN
(MT)**

**WEST SOUTH CENTRAL
(WSC)**



CS54 GROUP CODES

1. Railroads in the *Weekly Railroad Traffic* report originated approximately 94 percent of U.S. freight carloads, and 97 percent of intermodal units, in 1987. Class I railroads are those earning revenues of at least \$92 million in 1988, as defined by the Interstate Commerce Commission.
2. Individual week comparisons to the prior year are made to the week, which ended 52 weeks earlier (e.g., Week 1 of 1989, ending January 7, 1989, is compared to Week 1 of 1988, ending January 9, 1988).
3. Revisions to the traffic data may be submitted by reporting railroads through the end of the following calendar year. When a railroad is unable to submit its traffic figures for the current week, the AAR repeats the figures from the prior year. These figures are replaced with carrier-reported figures as soon as possible, and cumulative figures and weekly data for the previous year incorporate these changes.
4. The following commodity groups are used for reporting carload traffic in Part A:
 1. Grain STCC 0113 and 01144 – includes grains (wheat, corn, oats, sorghum, etc.) and soybeans.
 2. Farm Products, Ex. Grain STCC 01, except 0113 and 01144 – includes all farm products except grains and soybeans.
 3. Metallic Ores STCC 10 – includes all metallic ores, such as iron, copper, lead, zinc, gold, silver, bauxite or aluminum, manganese, tungsten, and chromium ores.
 4. Coal STCC 11 – includes anthracite, bituminous, and lignite coal.
 5. Crushed Stone, Sand and Gravel STCC 142 and 144 – includes crushed or broken stone or riprap and sand or gravel.
 6. Nonmetallic Minerals STCC 14, except 142 and 144 – includes nonmetallic minerals (clay, phosphate rock, rock salt, etc.), except fuel, and crushed stone, sand and gravel.
 7. Grain Mill Products STCC 204 and 20923 – includes flour, prepared feed, cereal preparations, milled rice, wet corn milling or sorghum products, soybean cake, and other milled grains.
 8. Food and Kindred Products STCC 20, except 204 and 20923 – includes all food and feed products, except grain mill products.
 9. Primary Forest Products STCC 241 – includes primary forest or wood raw materials, except sawmill products.
 10. Lumber and Wood Products STCC 24, except 241 – includes all lumber and wood products, except furniture, and primary forest products.
 11. Pulp, Paper, and Allied Products STCC 26 – includes all products from pulp mills, paper, paperboard or fiberboard, containers or boxes, and building paper or board.

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|-----|--------------------------------|--|
| 12. | Chemicals | STCC 28 and 49 – includes all chemicals and allied products, and hazardous materials. |
| 13. | Petroleum Products | STCC 291 – includes all products of petroleum refining, such as gasoline, jet or high volatile fuels, kerosene, distillate fuel oil, lubricating oils and greases, asphalt pitches or tars, residual fuel oils, and liquefied gases. |
| 14. | Stone, Clay and Glass Products | STCC 32 – includes all types of glass products, hydraulic cement, structural clay products, pottery or related products, concrete, gypsum or plaster products, cut stone or stone products, and abrasives or asbestos products. |
| 15. | Coke | STCC 29911, 29913 and 29914 – includes coal or coke briquettes, petroleum coke, and coke produced from coal. |
| 16. | Metals and Products | STCC 33 and 34 – includes primary metal products, including galvanized, and fabricated metal products, except ordnance materials, machinery and transportation equipment. |
| 17. | Motor Vehicles and Equipment | STCC 371 – includes motor vehicles, passenger car bodies, motor bus or truck bodies, motor vehicle parts and accessories, and truck trailers. |
| 18. | Waste and Scrap Materials | STCC 40 and 48 – includes all waste and scrap materials and hazardous wastes. |
| 19. | All Other Carloads | All carload and less than carload traffic not identified above, excluding intermodal traffic. |