

Table 1048. Hazardous Shipments—Value, Tons, and Ton-Miles: 2002

[660,181 represents \$660,181,000,000. For business establishments in mining, manufacturing, wholesale trade, and selected retail industries. 2002 classified by the 1997 North American Industry Classification System (NAICS). Selected auxiliary establishments are also included. Based on the 2002 Economic Census; see Appendix III]

Mode of transportation	Value (mil. dol.)		Tons (1,000)		Ton-miles (mil.)		Average miles per shipment
	Total	Percent	Total	Percent	Total	Percent	
All modes	660,181	100.0	2,191,519	100.0	326,727	100.0	136
Single modes	644,489	97.6	2,158,533	98.5	311,897	95.5	105
Truck ¹	419,630	63.6	1,159,514	52.9	110,163	33.7	86
For-hire truck	189,803	28.8	449,503	20.5	65,112	19.9	285
Private truck	226,660	34.3	702,186	32.0	44,087	13.5	38
Rail	31,339	4.7	109,369	5.0	72,087	22.1	695
Water	46,856	7.1	228,197	10.4	70,649	21.6	(S)
Air (includes truck and air)	1,643	0.2	64	—	85	—	2,080
Pipeline ²	145,021	22.0	661,390	30.2	(S)	(S)	(S)
Multiple modes	9,631	1.5	18,745	0.9	12,488	3.8	849
Parcel, U.S. Postal Service or courier	4,268	0.6	245	—	119	—	837
Other multiple modes	5,363	0.8	18,500	0.8	12,369	3.8	1,371
Other and unknown modes	6,061	0.9	14,241	0.6	2,342	0.7	57
Class of material	660,181	100.0	2,191,519	100.0	326,727	100.0	136
Class 1, explosives	7,901	1.2	5,000	0.2	1,568	0.5	651
Class 2, gasses	73,932	11.2	213,358	9.7	37,262	11.4	95
Class 3, flammable liquids	490,238	74.3	1,788,986	81.6	218,574	66.9	106
Class 4, flammable solids	6,566	1.0	11,300	0.5	4,391	1.3	158
Class 5, oxidizers and organic peroxides	5,471	0.8	12,670	0.6	4,221	1.3	407
Class 6, toxic (poison)	8,275	1.3	8,459	0.4	4,254	1.3	626
Class 7, radioactive materials	5,850	0.9	57	—	44	—	(S)
Class 8, corrosive materials	38,324	5.8	90,671	4.1	36,260	11.1	301
Class 9, miscellaneous dangerous goods	23,625	3.6	61,018	2.8	20,153	6.2	368

— Rounds to zero. S Data do not meet publication standards due to high sampling variability or other reasons. ¹ Truck as a single mode includes shipments that went by private truck only, for-hire truck only, or a combination of private truck and for-hire truck. ² Commodity Flow Survey data exclude shipments of crude oil.

Source: U.S. Bureau of Transportation Statistics and U.S. Census Bureau, 2002 Economic Census, Transportation, "2002 Commodity Flow Survey, Hazardous Shipments" Series EC02TCF-US(HM), issued December 2004. See <<http://www.census.gov/svsd/www/cfsmain.html>>.