

TABLE 4.—ANNUALIZED COMPLIANCE COSTS OF THE FINAL STEEL ERECTION STANDARD BY INDUSTRY GROUP AND CONTROL ^a
[1998 dollars]

SIC	Industry group and size	Controls								Total	
		Fall arrest systems	Personnel nets	Guardrails	Anchor rods (bolts)	Joist erection	Slip-resistant surfaces	Concrete curing tests	Training		Record-keeping
152	General Building Contractors—Residential Buildings:										
	Establishments with 1–9 Employees	330,947	(119,016)	67,329	252,129	445,054	679,763	94,408	23,177	32,540	1,806,330
	Establishments with 1–99 Employees	188,427	(67,763)	38,334	143,551	253,395	387,028	53,752	13,196	18,527	1,028,447

TABLE 4.—ANNUALIZED COMPLIANCE COSTS OF THE FINAL STEEL ERECTION STANDARD BY INDUSTRY GROUP AND CONTROL ^a—Continued
[1998 dollars]

SIC	Industry group and size	Controls								Total	
		Fall arrest systems	Personnel nets	Guardrails	Anchor rods (bolts)	Joist erection	Slip-resist-ant surfaces	Concrete curing tests	Training		Record-keeping
154	Establishments with 100+ Employees	395,642	(142,282)	80,491	301,417	532,056	812,647	112,863	27,708	38,901	2,159,442
	All Establishments	584,069	(210,045)	118,825	444,968	785,450	1,199,675	166,615	40,904	57,428	3,187,889
	General Building Contractors—Nonresidential Buildings:										
	Establishments with 1–9 Employees	850,282	(305,781)	23,575	647,780	1,143,451	1,746,476	242,556	59,547	83,603	4,491,489
	Establishments with 1–99 Employees	2,870,887	(1,032,437)	79,598	2,187,159	3,860,739	5,896,787	818,964	201,055	282,276	15,165,028
	Establishments with 100+ Employees	1,414,816	(508,800)	39,227	1,077,865	1,902,629	2,906,024	403,598	99,083	139,110	7,473,551
	All Establishments	4,285,702	(1,541,237)	118,825	3,265,024	5,763,368	8,802,811	1,222,562	300,137	421,386	22,638,579
161	Highway and Street Construction, except Elevated Highways:										
	Establishments with 1–9 Employees	38,461	(13,831)	7,825	29,301	51,722	78,999	10,972	2,694	3,782	209,922
	Establishments with 1–99 Employees	98,173	(35,305)	19,973	74,792	132,022	201,647	28,005	6,875	9,653	535,835
	Establishments with 100+ Employees	38,363	(13,796)	7,805	29,226	51,590	78,797	10,944	2,687	3,772	209,386
	All Establishments	136,536	(49,101)	27,777	104,018	183,612	280,444	38,949	9,562	13,425	745,221
162	Heavy Construction, except Highway and Street Construction:										
	Establishments with 1–9 Employees	163,753	(58,889)	33,314	124,754	220,213	336,348	46,713	11,468	16,101	893,775
	Establishments with 1–99 Employees	615,174	(221,231)	125,153	468,665	827,280	1,263,565	175,488	53,082	60,486	3,357,663
	Establishments with 100+ Employees	411,371	(147,939)	83,691	313,400	553,208	844,955	117,350	28,809	40,448	2,245,293
	All Establishments	1,026,546	(369,169)	208,844	782,065	1,380,488	2,108,520	282,838	71,891	100,934	5,602,956
171	Plumbing, Heating and Air-Conditioning:										
	Establishments with 1–9 Employees	50,397	(18,124)	10,253	38,394	67,773	103,515	14,376	3,529	4,955	275,069
	Establishments with 1–99 Employees	134,411	(48,337)	27,345	102,400	180,755	276,081	38,343	9,413	13,216	733,627
	Establishments with 100+ Employees	27,409	(9,857)	5,576	20,881	36,859	56,297	7,819	1,919	2,695	149,598
	All Establishments	161,820	(58,194)	32,921	123,281	217,614	332,378	46,162	11,333	15,911	883,225
174	Masonry, Stonework, Tile Setting, and Plastering:										
	Establishments with 1–9 Employees	43,691	(15,712)	8,889	33,286	58,756	89,742	12,464	3,060	4,296	238,470
	Establishments with 1–99 Employees	124,913	(44,922)	25,413	95,164	167,982	256,571	35,633	8,748	12,282	681,784
	Establishments with 100+ Employees	21,736	(7,817)	4,422	16,560	29,231	44,646	6,201	1,522	2,137	118,638
	All Establishments	146,649	(52,738)	29,835	111,724	197,213	301,217	41,834	10,270	14,419	800,422
175	Carpentry and Floor Work:										
	Establishments with 1–9 Employees	133,064	(47,853)	27,071	101,374	178,943	273,313	37,959	9,319	13,083	726,272
	Establishments with 1–99 Employees	245,389	(88,247)	49,923	186,947	329,997	504,028	70,001	17,185	24,128	1,339,349
	Establishments with 100+ Employees	32,739	(11,774)	6,661	24,942	44,027	67,246	9,339	2,293	3,219	178,693
	All Establishments	278,128	(100,021)	56,583	211,889	374,024	571,274	79,340	19,478	27,347	1,518,042
176	Roofing, Siding and Sheet Metal Work:										
	Establishments with 1–9 Employees	355,646	(127,899)	72,354	270,946	478,269	730,496	101,453	24,907	34,968	1,941,141
	Establishments with 1–99 Employees	899,629	(323,527)	183,024	685,375	1,209,812	1,847,834	256,633	63,003	88,455	4,910,237
	Establishments with 100+ Employees	86,461	(31,094)	17,590	65,870	116,273	177,591	24,664	6,055	8,501	471,913
	All Establishments	986,091	(354,621)	200,614	751,244	1,326,085	2,025,426	281,297	69,058	96,956	5,382,150
1791	Structural Steel Erection:										
	Establishments with 1–9 Employees	1,193,984	(429,384)	242,908	909,626	1,605,657	2,452,437	340,602	83,617	117,397	6,516,844
	Establishments with 1–99 Employees	5,312,751	(1,910,587)	1,080,844	4,047,472	7,144,533	10,912,364	1,515,543	372,064	522,369	28,997,353
	Establishments with 100+ Employees	1,372,439	(493,560)	279,214	1,045,580	1,845,642	2,818,983	391,509	96,115	134,943	7,490,864
	All Establishments	6,685,190	(2,404,147)	1,360,057	5,093,052	8,990,175	13,731,347	1,907,052	468,179	657,312	36,488,217
	All Significantly Affected Industry Groups:										
	Establishments with 1–9 Employees	3,160,225	(1,136,489)	493,517	2,407,599	4,249,838	6,491,087	901,502	221,318	310,725	17,099,312
	Establishments with 1–99 Employees	10,489,755	(3,772,356)	1,629,606	7,991,526	14,106,514	21,545,904	2,992,362	734,621	1,031,391	56,749,324
	Establishments with 100+ Employees	3,800,976	(1,366,918)	524,676	2,895,740	5,111,514	7,807,187	1,084,286	266,191	373,726	20,497,378
	All Establishments	14,290,731	(5,139,274)	2,154,281	10,887,266	19,218,028	29,353,091	4,076,648	1,000,812	1,405,117	77,246,701
	Other Affected Industry Groups ^b	80,910	(29,097)	769,533	61,641	108,807	166,189	23,081	5,666	7,955	1,194,685
	Total	14,371,641	(5,168,371)	2,923,815	10,948,907	19,326,835	29,519,280	4,099,729	1,006,478	1,413,072	78,441,386

Note: Figures in the table may not sum to totals due to rounding.

^aTotal compliance costs were distributed among industry groups according to the percentage of iron workers employed in that group (see Table 1). Within SIC groups, costs were distributed by share of revenue for firms in the size class.

^bOther industries potentially affected by the final steel erection standard employ a small percentage of iron workers. These industry groups are: SIC 153, General Building Contractors—Operative Builders; and SIC 177, Concrete Work. Because firms in these industries are seldom involved directly in structural steel erection, OSHA has grouped them separately.

Source: U.S. Department of Labor, OSHA, Office of Regulatory Analysis.