

Occupational Safety and Health Division
Statistical Report
Federal Fiscal Year 1996



Research & Analysis Section
Oregon Department of Consumer
& Business Services



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Occupational Safety and Health Division
Statistical Report
Federal Fiscal Year 1996

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Introduction

The Occupational Safety and Health Division (OR-OSHA) is part of the Oregon Department of Consumer & Business Services, formerly the Oregon Department of Insurance & Finance. OR-OSHA encourages safe and healthful working conditions for Oregon workers. The division promulgates and enforces occupational safety and health regulations, and provides consultation, training, and assistance to employees and employers. This report covers only the division's enforcement activities.

OR-OSHA compliance officers work to reduce and eliminate occupational safety and health hazards in the workplace by enforcing the Oregon Safe Employment Act (OSEA). The 1973 law gives the department full responsibility for the administration and enforcement of the Federal Occupational Safety and Health Act of 1970. By conducting on-site inspections of workplaces, OR-OSHA compliance officers

can determine if safety and health hazards exist and aid labor and management in reducing these hazards.

The division requires compliance with appropriate state and federal safety and health standards, assesses penalties for violations of these standards, prescribes a time period in which the employer is required to eliminate hazards, and assists employers in finding acceptable ways of correcting hazards.

This statistical report provides information about the number and kinds of inspections done, as well as violations found, citations issued, and penalties assessed and collected. It covers federal fiscal years 1987 through 1996. (A federal fiscal year runs from October 1 to September 30.) Information on inspections is presented first, followed by data on citations, violations, and penalties.

Highlights – 1996 Safety and Health Inspections

Safety

- ◆ 4,685 safety inspections were conducted during federal fiscal year 1996: 2,414 in general industries (51.5 percent), 1,942 in construction (41.5 percent), and 329 in logging (7.0 percent) (p.4).
- ◆ 80.4 percent of the safety inspections were scheduled inspections. (p.4)
- ◆ 40 safety inspections were conducted in farm labor camps and two were field sanitation inspections. (p.4)
- ◆ In 24.0 percent of the 1996 safety inspections conducted, the employers were in compliance, with no violations found. (p.7)
- ◆ 11,192 safety violations were cited in 1996: 4,209 serious, 325 repeat, 9 willful, and 6,649 other. (p.7)
- ◆ 3,474 safety citations were issued. (p.7)
- ◆ Manufacturing had the greatest number of safety violations with 1,441 serious, 124 repeat, one willful, and 2,162 other. (p.8)
- ◆ Violations of machinery & machine guarding codes (02/O) ranked first as the division of safety standards most often cited for serious and repeat violations. (p.8)
- ◆ Proposed penalties for safety violations totaled \$2,709,680, down 25.9 percent from 1995: \$1,588,870 for serious violations, \$401,870 for repeat violations, \$560,000 for willful violations, and \$158,940 for other violations. In addition, proposed penalties for failing to abate safety violations were \$200,125, 4.7 times larger than 1995's total of \$42,300. (p.9)

Health

- ◆ 499 health inspections were conducted in 1996: 168 in manufacturing (33.7 percent), 26 in transportation and utilities (5.2 percent), 18 in agriculture, forestry, and fishing (3.6 percent), and 287 in all other industries (57.5 percent). (p.5)
- ◆ Health inspections conducted in farm labor camps and as field sanitation inspections are included with the safety inspections in this report. (p.5)
- ◆ 13.8 percent of the health inspections were scheduled inspections. 70.7 percent were in response to a complaint or referral. (p.5)
- ◆ In 29.9 percent of the 1996 health inspections conducted, the employers were in compliance and had no violations. This is an improvement from 22.3 percent in 1995. (p.9)
- ◆ The number of health violations cited dropped dramatically from 1995's figures. 1,237 health violations were cited, down 45.9 percent: 595 serious, down 48.0 percent; 9 repeat, down 64.0 percent; 0 willful, down from 15 in 1995; and, 633 other, down 42.5 percent. 337 health citations were issued, down 34.1 percent. (pp.9-10)
- ◆ Violations of toxic and hazardous substances codes (02/Z) ranked first as the health standard most often cited. (p.10)
- ◆ Proposed penalties for health violations totaled \$218,880, down 89.6 percent from 1995: \$201,800 for serious violations, \$3,900 for repeat violations, \$0 for willful violations, and \$13,180 for other violations. In addition, proposed penalties for failing to abate health violations were \$15,100, down 37.5 percent from \$24,150 in 1995. (p.11)

Inspections

In 1996, up to 61 safety and 25 health compliance officers worked out of five field offices and the central OR-OSHA office to inspect 5,184 workplaces. About 90.4 percent (4,685) of those inspections were done by safety officers, looking for compliance with occupational safety standards, such as those covering machinery and machine guarding, construction, personal protective equipment, and fire protection. The remaining 499 inspections focused on health standards, such as those for asbestos, water and sanitation, and hazard communication. The number of employees covered by such safety and health inspections totaled 195,605 in 1996, representing 13.1 percent of the estimated 1,487,600 Oregon workers covered by the Workers' Compensation Law (see Table 1).

Inspections are conducted for different reasons. The majority of inspections are **scheduled** on priori-

tized lists created through the use of the most current injury and employment data available. An inspection may also be done in response to a valid **complaint** about an existing hazardous condition or in response to a **referral** from another agency. When an inspection is completed in which hazards have been cited and the employer is given a specific period in which to comply, a **follow-up** inspection may be conducted to assure that the hazards have been abated. An inspection may also be done when there is a job **fatality** or **catastrophe**. Finally, an **unprogrammed related** inspection of an employer at a multi-employer worksite may be done if the employer is not identified in the complaint, referral, etc., which initiated the inspection; for example, if one employer at a construction site is inspected due to a complaint, and another employer working at the site is also inspected, the second is unprogrammed related.

Table 1. Oregon OSHA compliance officers and inspection coverage, FFY 1987-1996

FFY	Safety		Health		Total employees covered	Workers' comp covered employment	Percent covered by inspections
	Compliance officers*	Employees covered	Compliance officers*	Employees covered			
1987	47	111,757	17	35,203	146,960	1,105,200	13.3%
1988	44	116,046	17	31,354	147,400	1,161,100	12.7%
1989	44	112,688	17	54,113	166,801	1,214,900	13.7%
1990	44	116,567	17	41,844	158,411	1,258,600	12.6%
1991	61	114,666	25	49,665	164,331	1,258,600	13.1%
1992	60	143,596	25	58,537	202,133	1,280,500	15.8%
1993	60	181,079	26	67,424	248,503	1,317,100	18.9%
1994	61	193,303	25	72,445	265,748	1,378,800	19.3%
1995	61	175,870	25	51,557	227,427	1,431,600	15.9%
1996	61	160,857	25	34,748	195,605	1,487,600	13.1%

Source: Research & Analysis Section, in cooperation with Oregon OSHA, Department of Consumer & Business Services. (9/97)

*The number of compliance officers represents the number of positions available. The actual number of officers at any given time may vary.

Safety

The 4,685 safety inspections conducted in 1996 represent a 2.2 percent decrease from the 4,791 done in 1995 (see Figure 1 and Appendix Table 1).

Inspections in **general industries** (all industries except construction and logging) went down 7.4 percent to 2,414 in 1996. Inspections conducted in **logging** went up 20.1 percent to 329 in 1996, while **construction** inspections continued to increase to 1,942. The 329 logging inspections made up 30.6 percent of the 1,075 done in manufacturing, and 7.0 percent of the total inspections. OR-OSHA conducted two field sanitation safety inspections and 40 inspections of farm labor camps.

Appendix Table 3 shows the number of inspections conducted by the type of (reason for) inspection. **Scheduled** inspections made up 80.4 percent of the safety inspections in 1996. Inspections done in response to a **complaint** or **referral** account for another 12.1 percent, and about 2.6 percent of the safety

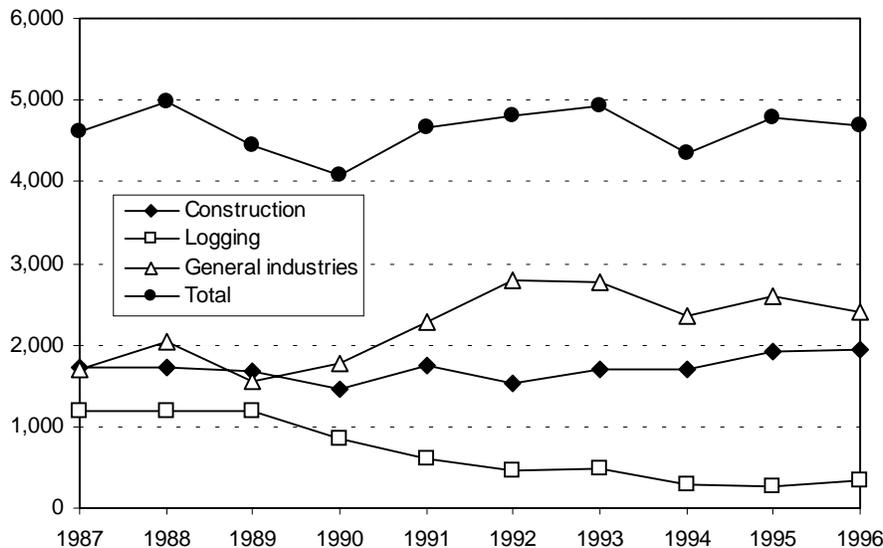
inspections were done as **follow-ups**. In addition, 199 inspections were conducted because of a job **fatality** or **catastrophe**, and 31 inspections were **unprogrammed related**.

More 1996 safety inspections were conducted by compliance officers in the **Portland** field office than in any other OR-OSHA office. As seen in Appendix Table 5, there were 1,415 Portland-based inspections. Appendix B provides a map of the areas encompassed by the five OR-OSHA field offices.

Appendix Table 7 details safety inspections by county and industry division. Multnomah County had the highest number of safety inspections, 670. Lane County led the state with 285 construction inspections and 77 logging inspections.

The number of employees covered by 1996 safety inspections decreased by 8.5 percent to 160,857 (Appendix Table 2).

Figure 1. Safety inspections conducted, FFY 1987-1996



Source: Research & Analysis Section, Department of Consumer & Business Services. (8/97)

Health

In 1996, the Oregon OSHA Division conducted a total of 499 health inspections. This is a 26.9 percent reduction from the 1995 total of 683. The number of employees covered by 1996 health inspections decreased 32.6 percent, from 51,557 in 1995 to 34,748 in 1996. See Text Table 1 and Appendix Tables 1, 2, and 5.

Appendix Table 2 provides a breakout of 1996 health inspections by industry. **Construction** accounted for 87 inspections, 17.4 percent of the total with 168 inspections for **manufacturing** (33.7 percent) and 26 for **transportation and utilities** (5.2 percent). OR-OSHA conducted 18 inspections in **agriculture, forestry and fishing**.

Health inspections conducted in farm labor camps and as field sanitation inspections are included with the safety inspections in this report.

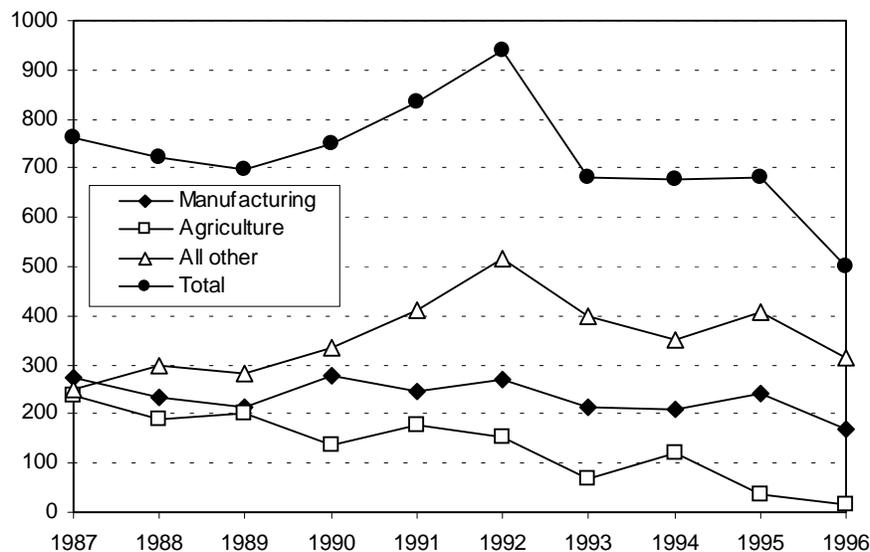
Appendix Table 3 shows health inspections by the type of inspection conducted. **Scheduled** inspec-

tions made up 13.8 percent of the health inspections conducted in 1996. Inspections done in response to a **complaint** or **referral** accounted for 70.7 percent of the total health inspections. In addition, there were 21 **follow-up**, 52 **unprogrammed related**, and 4 **fatality** or **catastrophe** health inspections.

Appendix Table 7 details health inspections by county and industry division. Multnomah County had the highest number of health inspections, 127.

Multnomah County had the most inspections in construction (31 of a total of 87), transportation and public utilities (13 out of 26), wholesale trade (9 of 21), services (30 of 97), and the public sector (13 of 39). Most of the 18 inspections in agriculture, forestry, and fishing were conducted in Marion County (5) and Washington County (4). The 166 inspections for non-logging manufacturing were conducted in almost every county, with the counties with greater population having more inspections—Clackamas 15, Marion 29, Multnomah 22 and Washington 22.

Figure 1a. Health inspections conducted, FFY 1987-1996



Source: Research & Analysis Section, Department of Consumer & Business Services. (8/97)

Citations, Violations, and Penalties

When a compliance officer conducts an inspection and no violations of occupational standards are found, the employer is said to be “in compliance.” When violations are found, a citation is issued to the employer which lists all violations discovered during the inspection, and any resulting penalties.

Chapter 437 of the Oregon Administrative Rules (OAR) provides the basis for most of the standards cited during an inspection. These rules are divided into major divisions (e.g., construction codes are division 03, while general industry codes are division 02). The rules can be further subdivided into sections, subsections, and paragraphs as in 437-1-765(2)(a). In addition, a large number of federal rules (Title 29 CFR) have been adopted and incorporated into the OARs. Federal rules can be divided into parts (e.g., 1910), sections, subsections and paragraphs, as in 1910.1048(g)(2)(i). The federal “part” is equivalent to the OAR “division.” Copies of OARs and federal rules are available, upon request, from the Oregon OSHA Division of the Department of Consumer & Business Services.

Violations of the occupational safety and health standards are categorized on the basis of the probability of an accident and the likely severity of the resulting injury or illness. **Serious** violations occur when there is a substantial probability that death or serious physical harm could result. **Repeat** violations are an employer’s second or subsequent violation of the same standard. **Willful** violations are com-

mitted by an employer or supervisory employee who intentionally or knowingly disobeys the requirements of a standard. **Other** violations are cited for hazardous conditions that would probably not cause death or serious physical harm but would have a direct and immediate relationship to the safety and health of employees. **Administrative** violations, which in this report are counted with “other” violations, are charged when an employer violates a standard for which no probability and severity can be determined. **Mandatory** violations are cited for standards that have a mandatory minimum penalty established; these are included in the “other” category in this report.

Violations of a similar nature (i.e., of closely related standards) are often grouped together by OR-OSHA compliance officers and counted as one violation; grouped violations are counted as one violation in this report.

Top 10 violations

In 1996, OR-OSHA issued 3,811 safety and health citations, with 12,429 violations of 1,583 different standards cited. Text Table 2 below shows the top ten standards cited in 1996 by Oregon compliance officers compared to the ten most frequently cited nationally, by federal OSHA officers. Three of the standards are included in both the Oregon and federal top 10.

Table 2. Ten standards most frequently cited by federal OSHA compared to Oregon OSHA, in FFY 1996

Federal	Oregon
1. Hazard communication	Written certification of hazard assessment
2. Scaffolding	Written hazcom program – general*
3. Control of hazardous energy, lockout, tagout	Safety committee meeting records
4. Electrical, wiring methods, components & equipment	Conductors entering boxes protected
5. Mechanical power-transmission apparatus	Exposure adjustment on grinding machinery*
6. Machines, general requirements	Machine guarding*
7. Fall protection scope, applications, definitions	Regular safety committee meetings
8. Personal protective equipment, general requirement	Junction box covers – general
9. Electrical systems design, general requirements	Guarding open-sided floors, platforms
10. Abrasive wheel machinery	Certify personal protection equip training

*On both the federal and Oregon top 10 lists

Source: Research & Analysis Section, Oregon Department of Consumer & Business Services, in cooperation with Oregon OSHA. (8/97)

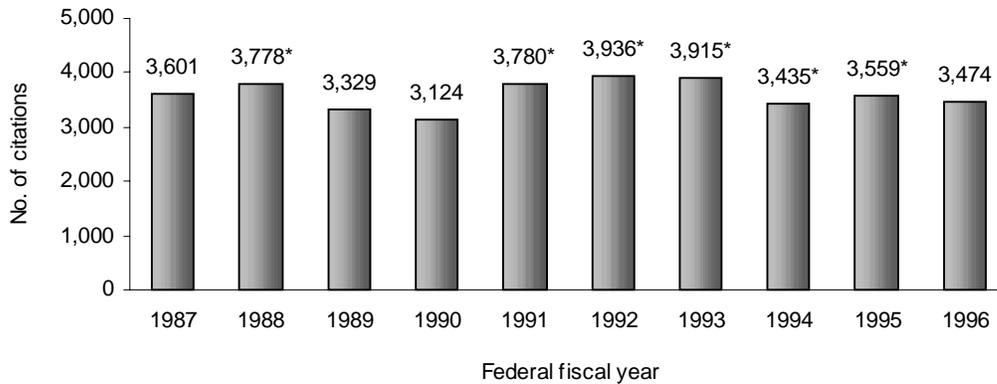
Safety

In 1996, 24.0 percent of safety inspections (excluding follow-ups) found the employer to be in compliance; therefore, no citations were issued.

As shown in Figure 2, for the remaining inspections there were 3,474 **safety citations** issued in 1996. This is a 2.4 percent decrease from the 1995 level of 3,559.

In Appendix Table 2, the citations are shown by industry. Construction and manufacturing are the two industries with the most citations issued in 1996. **Construction** had 1,420 or 40.9 percent, and **manufacturing** had 799 or 23.0 percent of the total citations.

Figure 2. Safety citations issued, FFY 1987-1996



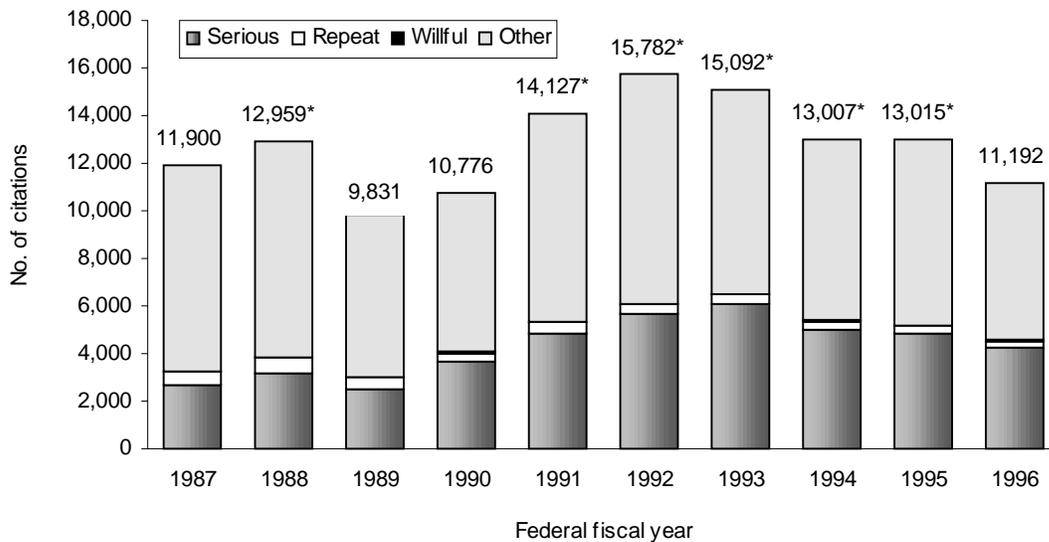
* Revised

Source: Research & Analysis Section, Department of Consumer & Business Services. (8/97)

As seen in Figure 3 and Appendix Table 1, 11,192 total **safety violations** were cited in 1996, a 14.0 percent decrease from 1995. **Serious** violations numbered 4,209 in 1996, down 12.5 percent from 1995. **Willful** violations declined by 6 to 9. **Repeat** violations

totalled 325, down 11.2 percent from 1995. The number of **other** violations has fluctuated over the 10-year period. Other violations totalled 6,649 in 1996, 59.4 percent of all safety violations.

Figure 3. Safety violations by type, FFY 1987-1996



* Revised

Note: Each set of grouped violations was counted as one violation. Counting grouped violations separately would result in the following FFY 1996 violation counts: total - 11,461; serious - 4,464; repeat - 326; willful - 9; other - 6,662.

Source: Research & Analysis Section, Department of Consumer & Business Services. (8/97)

Appendix Table 2 provides a breakout of violations by industry for 1996. **Manufacturing** had the most violations (3,728) with 1,441 serious, 124 repeat, one willful, and 2,162 other. **Construction** also had a large number of violations with 2,969 total. In fact, manufacturing and construction accounted for 59.8 percent of all 1996 violations.

Appendix Table 4 provides a listing of the **division codes** and **subdivision codes** cited for 1996 safety inspections. These are broken out by type of violation: willful, serious, repeat, or other, and then arranged in descending order by the number of times cited. Note that the largest division, general occupational safety and health rules (02), has been broken out into subdivisions; e.g., 02/S is electrical rules. Construction (03) has been broken out into subdivisions as well.

Willful safety violations were cited most often in construction: floor & wall openings (03/M).

Machinery and machine guarding (02/O), with 835 or 19.8 percent, topped the **serious** safety viola-

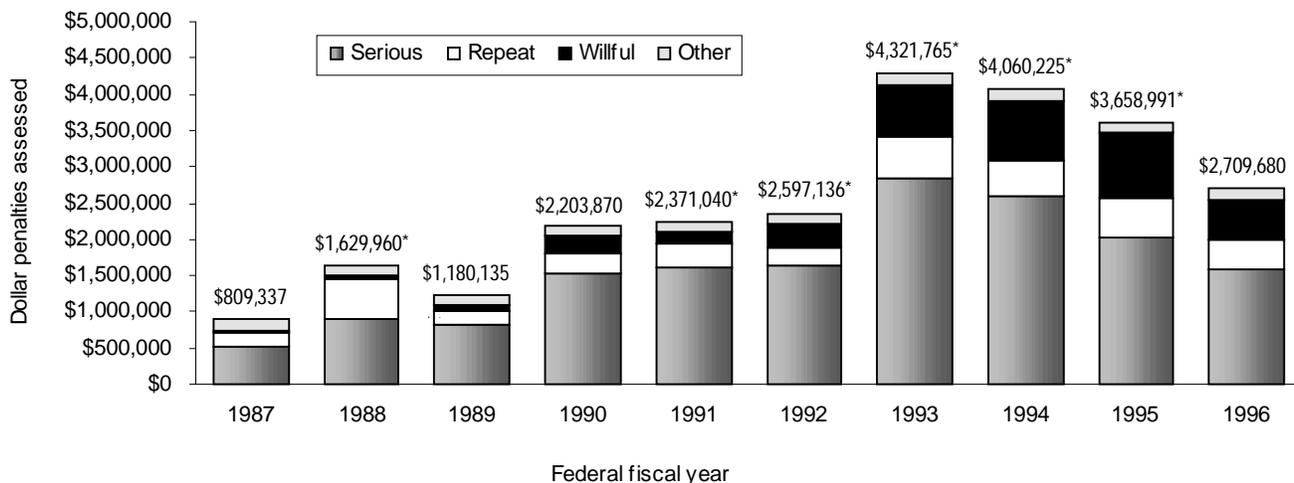
tions. Construction: floor and wall openings (03/m) with 639 or 15.2 percent ranked second (Table 4).

Repeat violations were cited most in machinery & machine guarding (02/O) with 62 or 19.1 percent of all repeat violations.

Other safety violations were cited most often in rules for administration of OSEACT (01), with 1,017 or 15.3 percent, with electrical (02/S) second with 988 or 14.9 percent of all other violations.

Figure 4 shows the proposed penalties assessed against employers for violations found during safety inspections. These are not actual penalties paid, but the penalties assessed before any informal conference or hearing is held which could reduce the proposed penalties. In 1996, **proposed penalties** totaled \$2,709,680, a 25.9 percent decrease from 1995 penalties.

Figure 4. Penalties assessed for safety violations, FFY 1987-1996



* Revised

Source: Research & Analysis Section, Department of Consumer & Business Services. (8/97)

Penalties assessed for **serious** safety violations made up the greatest percentage of the total penalties in 1996, \$1,588,870, or 58.6 percent. Penalties for **willful** violations, \$560,000, or 20.7 percent, were next, followed by \$401,870 in penalties assessed for **repeat** violations, and \$158,940 for **other**. Willful penalties decreased by 37.1 percent over 1995. See Appendix Tables 1 and 2.

As expected, the **construction** and **manufacturing** industries had the highest total dollar penalties assessed in 1996. Construction totaled \$1,158,670 and manufacturing totaled \$697,515. Together they accounted for 68.5 percent of the total. See Appendix Table 2 for a complete breakout of proposed penalties by industry.

Appendix Table 6 provides further analysis of penalties for safety citations. Current penalties, which are due the department after a citation has become a final order following any appeals, now stand at \$1,874,535 for 1996. This constitutes a reduction of 30.8 percent from proposed penalties. Note that 18-25 percent of all citations issued in a given year are contested. Proposed penalties for violations which the cited employer failed to abate (FTA penalties)

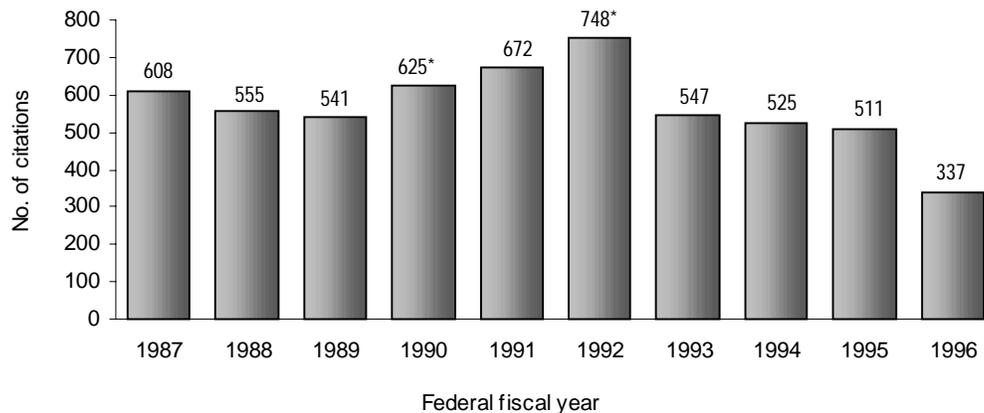
were \$200,125, 4.7 times more than in 1995. Current penalties for failures to abate stand at \$191,425, a reduction of 4.3 percent. As of July 1997 (22 months of collections), net payments on all penalties for violations found in 1996 safety inspections were at \$1,346,734 or 65.2 percent of the total current penalties (including failures to abate) of \$2,065,960. Receipts during the fiscal year for all current penalties, regardless of when the safety inspection was conducted (this year's receipts include some collections on 1995 penalties, for example), came to \$1,873,352.

Health

No citations were issued in 29.9 percent of the health inspections (excluding follow-ups) conducted in 1996 (Appendix Table 2). As seen in Figure 5, employers who were **not** in compliance were issued 337 citations, a 34.1 percent decrease from 1995, and down 54.9 percent from the 10-year high of 748 in 1992.

In Appendix Table 2, **health citations** are shown by industry. **Manufacturing** had the most citations issued with 128, or 38.0 percent of the total. **Services** was next with 73 or 21.7 percent of the citations issued in 1996.

Figure 5. Health citations issued, FFY 1987-1996



* Revised

Source: Research & Analysis Section, Department of Consumer & Business Services. (8/97)

Figure 6 shows a total of 1,237 **health violations** reported in 1996, a decrease of 45.9 percent from 1995, and the lowest since 1981. There were 595 **serious**, 9 **repeat**, 0 **willful**, and 633 **other** violations in 1996. **Other** violations made up 51.2 percent of health violations.

Appendix Table 2 provides a breakout of the number of health violations by industry for 1996. **Manufacturing** had the most violations cited with 491 or 39.7 percent. **Services** had the next highest number of violations with 282, or 22.8 percent.

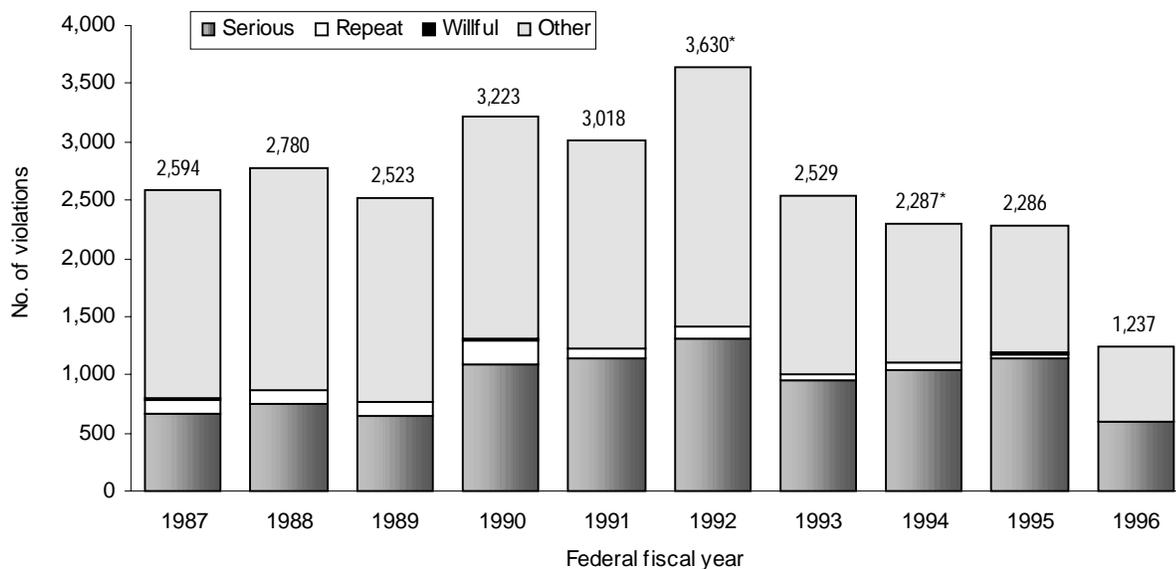
Appendix Table 4 provides a listing of the **division** and **subdivision codes** cited for 1996 health inspections. They are divided by type of violation:

willful, serious, repeat, or other, and then arranged in descending order by the number of times cited. **Serious** health violations of toxic and hazardous substances (02/Z) were cited most often in 1996 with 210 (35.3 percent) of all serious violations, followed by hazardous materials (02/H) at 66 violations, and general environmental controls (02/J) at 60 violations.

Repeat health violations were found most often in hazardous materials (02/H) with 3.

Other health violations were cited most in toxic and hazardous substances (02/Z) with 197, or 31.1 percent of other health violations. Personal protective equipment (02/I) was the next highest with 145 violations (22.9 percent).

Figure 6. Health violations by type, FFY 1987-1996



* Revised

Note: Each set of grouped violations was counted as one violation. Counting grouped violations separately would result in the following FFY 1996 violation counts: total -1,586; serious - 891; repeat - 9; willful - 0; other - 686.

Source: Research & Analysis Section, Department of Consumer & Business Services. (8/97)

In Figure 7, the proposed penalties assessed against employers for violations cited are shown. These are not the actual penalties paid, but the penalties assessed before any informal conference or hearing is held which could reduce the proposed penalties. In 1996, **proposed penalties** for health violations totaled \$218,880, an 89.6 percent drop from 1995, lower than any since 1987.

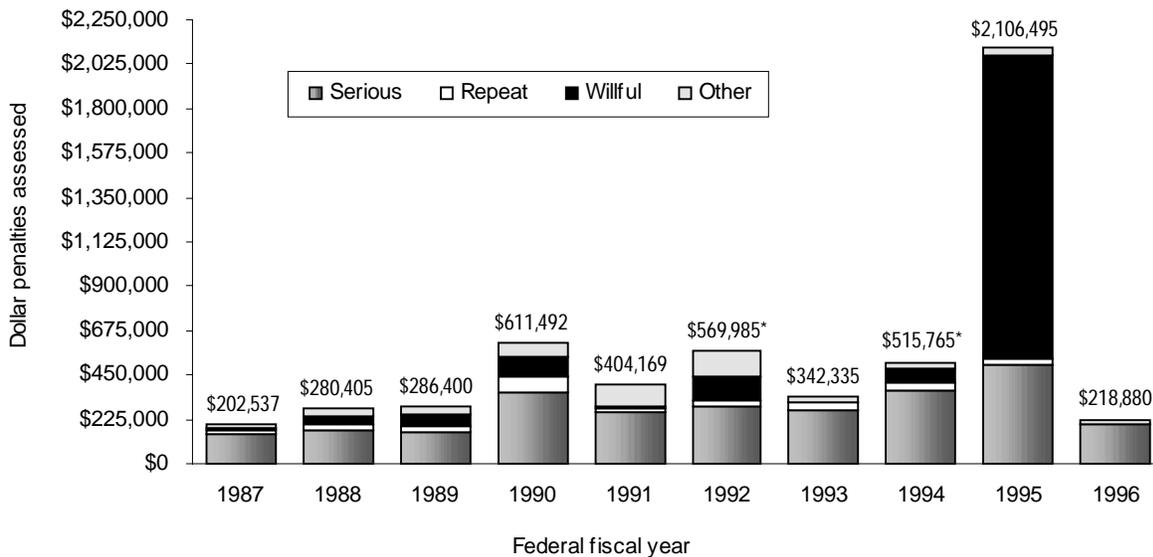
Penalties assessed for **serious** violations were \$201,800 in 1996 and made up 92.2 percent of the total health penalties. **Repeat** penalties totaled \$3,900 in 1996. There were no penalties for willful violations, a dramatic change from 1995 when willful violations had a total penalty amount of \$1,540,000. **Other** penalties dropped by 60.5 percent to \$13,180 (Appendix Table 5).

Appendix Table 2 provides a complete breakout of the proposed penalties for each industry. **Manufacturing** had the most dollar penalties assessed in

1996, with \$77,265, or 35.3 percent of the total. **Construction** followed with \$36,705 or 16.8 percent.

Appendix Table 6 provides further analysis of penalties for health citations. Current penalties, which are due the department after a citation has become a final order, stand at \$166,885 for 1996. This constitutes a reduction of 23.8 percent from proposed penalties. Proposed penalties for violations which the cited employer failed to abate (FTA penalties) were \$15,100. Current FTA penalties were reduced 30.5 percent to \$10,500. As of July 1997 (22 months of collections), net payments on all penalties for violations found in 1996 health inspections were at \$155,243, or 87.5 percent of the total current penalties (including failures to abate) of \$177,385. Receipts during the fiscal year for all current penalties, regardless of when the health inspection was conducted (this year's receipts include some collections on 1995 penalties, for example), came to \$296,378.

Figure 7. Penalties assessed for health violations, FFY 1987-1996



* Revised

Source: Research & Analysis Section, Department of Consumer & Business Services. (8/97)

Tables

Table 1. Safety and health inspections, violations, and proposed penalties, FFY 1987-1996

Safety

Federal fiscal year	Inspections conducted				Violations					Proposed penalties				
	Total	Con-struction	Logging	General indus-try	Total	Serious	Repeat	Willful	Other	Total	Serious violations	Repeat violations	Willful violations	Other violations
1987	4,622	1,731	1,180	1,711	11,900	2,692	590	5	8,613	\$809,337	\$506,385	\$208,660	\$15,510	\$78,782
1988	4,972	1,727	1,192	2,053	12,959	3,182	651	11	9,115	\$1,629,960	\$905,015	\$532,475	\$53,850	\$138,620
1989	4,436	1,677	1,197	1,562	9,831	2,531	459	9	6,832	\$1,180,135	\$809,700	\$208,305	\$76,000	\$86,130
1990	4,074	1,447	849	1,778	10,776	3,642	393	37	6,704	\$2,203,870	\$1,524,130	\$275,090	\$244,750	\$159,900
1991	4,671	1,762	619	2,290	14,127	4,861	458	22	8,786	\$2,371,040	\$1,611,035	\$328,404	\$165,000	\$266,601
1992	4,803	1,536	467	2,800	15,782	5,659	387	41	9,695	\$2,597,136	\$1,621,420	\$268,647	\$320,725	\$386,344
1993	4,938	1,698	476	2,764	15,092	6,099	428	24	8,541	\$4,321,765	\$2,797,030	\$584,150	\$762,000	\$178,585
1994	4,352	1,698	293	2,361	13,007	4,986	357	24	7,640	\$4,060,225	\$2,580,345	\$483,200	\$825,000	\$171,680
1995	4,791	1,911	274	2,606	13,015	4,812	366	15	7,822	\$3,658,991	\$2,041,446	\$537,200	\$890,000	\$190,345
1996	4,685	1,942	329	2,414	11,192	4,209	325	9	6,649	\$2,709,680	\$1,588,870	\$401,870	\$560,000	\$158,940

Health

Federal fiscal year	Inspections conducted				Violations					Proposed penalties				
	Total	Manu-fac-turing	Agri-culture	All other	Total	Serious	Repeat	Willful	Other	Total	Serious violations	Repeat violations	Willful violations	Other violations
1987	763	276	236	251	2,594	668	121	5	1,800	\$202,537	\$146,150	\$25,710	\$11,500	\$19,177
1988	722	234	189	299	2,780	750	119	4	1,907	\$280,405	\$173,455	\$30,885	\$35,000	\$41,065
1989	697	212	201	284	2,523	655	113	6	1,749	\$286,400	\$160,630	\$34,935	\$55,000	\$35,835
1990	751	277	138	336	3,223	1,094	198	12	1,919	\$611,492	\$357,425	\$79,682	\$107,500	\$66,885
1991	835	245	177	413	3,018	1,135	93	3	1,787	\$404,169	\$259,470	\$21,134	\$15,000	\$108,565
1992	938	270	153	515	3,630	1,311	97	13	2,209	\$569,985	\$289,655	\$35,540	\$122,500	\$122,290
1993	683	215	67	401	2,529	948	61	0	1,520	\$342,335	\$266,560	\$40,300	\$0	\$35,475
1994	677	208	120	349	2,287	1,042	62	3	1,180	\$515,765	\$374,380	\$40,800	\$70,000	\$30,585
1995	683	241	35	407	2,286	1,145	25	15	1,101	\$2,106,495	\$499,515	\$33,600	\$1,540,000	\$33,380
1996	499	168	18	313	1,237	595	9	0	633	\$218,880	\$201,800	\$3,900	\$0	\$13,180

Notes: Historical data by industry may have changed from prior reports due to conversion from 1972/1977 Standard Industrial Classification codes to 1987 codes; the reclassification of farm labor camps and field sanitation from services to agriculture, forestry, and fishing; and a change in the method of counting public sector inspections.

Violations and penalty totals include those for rescinded violations.

Historical data will change as updated.

Source: Research & Analysis Section, Oregon Department of Consumer & Business Services. (8/97)

Table 2. Inspections by industry, FFY 1996

Federal fiscal year 1996, safety

Industry ¹	SIC ²	Inspections	Employees covered by inspection	Percent in Comp	Violations								Citations Issued
					Serious		Repeat		Willful		Other		
					Number	Dollar Penalty	Number	Dollar Penalty	Number	Dollar Penalty	Number	Dollar Penalty	
Total		4,685	160,857	24.0	4,209	\$1,588,870	325	\$401,870	9	\$560,000	6,649	\$158,940	3,474
Private sector		4,462	143,778	23.7	4,015	1,515,090	316	374,070	9	560,000	6,310	152,610	3,323
Agriculture, forestry, fish		194	4,531	30.7	191	95,345	22	23,000	0	0	322	23,780	132
Farming—crops	01	54	1,845	30.2	53	19,905	1	600	0	0	107	2,300	37
Horticultural specialty	018	19	1,506	26.3	29	6,685	1	600	0	0	54	1,700	14
General farms, crop	019	25	255	37.5	20	12,415	0	0	0	0	35	500	15
Farming—livestock	02	9	131	22.2	17	15,205	0	0	0	0	19	1,680	7
Agricultural services	07	55	1,050	29.6	56	21,260	1	600	0	0	83	1,200	38
Farm labor camps		40	1,027	40.5	30	18,120	18	20,600	0	0	80	18,100	23
Field sanitation		2	22	50.0	1	350	0	0	0	0	2	0	1
Forestry	08	34	456	23.5	34	20,505	2	1,200	0	0	31	500	26
Forestry services	085	23	199	26.1	19	4,780	2	1,200	0	0	20	0	17
Mining		12	99	33.3	7	870	0	0	0	0	7	75	8
Metal mining	10	2	5	0.0	3	300	0	0	0	0	1	0	2
Oil & gas extraction	13	2	4	50.0	0	0	0	0	0	0	1	0	1
Nonmetallic minerals	14	8	90	37.5	4	570	0	0	0	0	5	75	5
Construction		1,942	13,273	26.7	1,458	596,865	109	173,050	5	350,000	1,397	38,755	1,420
Building construction	15	556	4,013	27.4	427	134,450	38	53,250	0	0	421	8,830	402
Residential building	152	381	1,965	23.4	321	93,145	27	39,000	0	0	315	5,730	292
Nonresidential building	154	173	2,045	36.6	105	41,205	11	14,250	0	0	103	3,100	108
Heavy construction	16	202	1,554	33.5	143	82,415	15	30,000	0	0	127	2,100	134
Highway & street const.	161	71	469	35.2	46	15,850	2	4,000	0	0	42	500	46
Other heavy const.	162	131	1,085	32.6	97	66,565	13	26,000	0	0	85	1,600	88
Special trade contractor	17	1,184	7,706	25.2	888	380,000	56	89,800	5	350,000	849	27,825	884
Plumbing, heating, a/c	171	129	701	41.4	45	13,510	3	1,300	0	0	78	450	75
Electrical work	173	112	1,025	39.3	53	28,060	2	400	0	0	53	500	68
Masonry, stone & plaster	174	140	697	23.6	114	32,900	15	9,900	0	0	108	3,650	107
Carpentering & flooring	175	252	1,864	18.3	235	81,945	14	24,200	1	70,000	259	6,600	206
Roofing & sheet metal	176	221	1,030	12.2	228	94,600	12	15,200	4	280,000	116	10,650	194
Misc. special trade	179	194	1,572	27.6	132	90,290	5	23,100	0	0	134	2,275	140
Manufacturing		1,075	55,892	22.7	1,441	519,215	124	118,420	1	20,000	2,162	39,880	799
Food & kindred products	20	111	11,676	21.7	125	35,120	8	4,600	0	0	236	1,920	83
Meat products	201	15	2,179	7.1	31	6,650	2	1,000	0	0	41	570	13
Fruits & vegetables	203	32	6,253	35.5	31	14,275	3	2,600	0	0	50	0	20
Bakery products	205	8	501	37.5	2	495	0	0	0	0	13	0	5
Beverages	208	19	734	16.7	22	5,535	1	200	0	0	43	600	15
Misc. food products	209	12	661	18.2	9	1,300	0	0	0	0	20	250	9
Textile mill products	22	1	19	0.0	1	180	0	0	0	0	0	0	1
Apparel & other textile	23	2	170	0.0	1	105	0	0	0	0	9	0	2
Lumber & wood products	24	544	17,616	28.6	667	259,360	73	79,720	0	0	812	22,230	380
Logging	241	329	1,860	40.0	184	83,950	8	2,800	0	0	218	2,970	195
Sawmills, planing mills	242	63	4,219	11.5	143	71,240	29	38,300	0	0	176	7,350	54
Veneer, plywood, millwork	243	99	7,098	6.2	251	75,450	25	26,220	0	0	331	6,600	91
Mobile homes, wood bldgs	245	17	2,690	12.5	35	11,410	7	10,400	0	0	36	4,060	14
Misc. wood products	249	31	1,710	21.4	50	16,610	2	1,200	0	0	46	1,250	22
Furniture & fixtures	25	19	834	6.3	31	15,270	5	2,600	1	20,000	62	1,450	16
Household furniture	251	14	548	8.3	22	7,040	5	2,600	0	0	43	100	11

See footnotes at end of table.

Table 2. Inspections by industry, FFY 1996 (continued)

Federal fiscal year 1996, safety

Industry ¹	SIC ²	Inspections	Employees covered by inspection	Percent in Comp	Violations								Citations Issued
					Serious		Repeat		Willful		Other		
					Number	Dollar Penalty	Number	Dollar Penalty	Number	Dollar Penalty	Number	Dollar Penalty	
Private sector													
Paper & allied products	26	17	1,619	33.3	40	\$13,685	1	\$200	0	\$0	34	\$600	10
Paper mills	262	3	389	100.0	0	0	0	0	0	0	0	0	0
Paperboard mills	263	2	324	0.0	7	1,740	1	200	0	0	3	0	1
Converted paper products	267	6	446	20.0	14	3,635	0	0	0	0	14	500	4
Printing & publishing	27	18	3,112	20.0	19	4,095	0	0	0	0	59	710	12
Chemicals & allied products	28	7	400	14.3	18	7,390	0	0	0	0	44	300	6
Rubber & misc. plastics	30	26	915	8.3	45	8,885	2	1,400	0	0	61	0	22
Misc. plastic products	308	23	858	9.5	38	6,680	0	0	0	0	41	0	19
Leather & leather products	31	3	44	0.0	4	530	1	200	0	0	7	165	3
Stone, clay, glass products	32	33	550	15.6	41	9,395	1	200	0	0	103	3,600	27
Concrete, gypsum, plaster	327	21	264	15.0	33	7,750	1	200	0	0	75	1,100	17
Primary metal industries	33	31	5,070	6.9	67	31,610	3	1,000	0	0	93	370	27
Blast furnaces/steel	331	7	1,800	28.6	11	16,120	0	0	0	0	6	0	5
Iron & steel foundries	332	11	2,125	0.0	31	7,220	3	1,000	0	0	36	0	10
Primary nonferrous mtl	333	2	534	0.0	12	6,725	0	0	0	0	13	295	2
Fabricated metal product	34	113	4,467	22.2	148	46,065	11	18,300	0	0	268	2,705	84
Cutlery, hand tools etc.	342	3	1,070	0.0	6	1,420	0	0	0	0	7	0	3
Fab. struct. metal prod	344	85	2,827	22.2	100	28,715	7	15,500	0	0	194	2,600	63
Machinery	35	53	1,777	12.2	81	19,875	11	3,800	0	0	169	2,465	43
Const. & related mach.	353	8	253	12.5	17	4,440	0	0	0	0	26	0	7
Spec. Industry mach.	355	13	825	25.0	19	3,970	1	200	0	0	36	265	9
Ind. machinery nec	359	24	323	4.8	37	9,065	1	200	0	0	66	1,700	20
Electric & electronic eq	36	8	1,140	12.5	20	18,265	0	0	0	0	25	0	7
Transportation equipment	37	40	4,827	10.3	56	35,270	4	3,800	0	0	90	1,165	36
Motor vehicles & equip.	371	10	1,777	0.0	12	2,455	1	1,800	0	0	46	1,165	10
Railroad equipment	374	1	1,322	100.0	0	0	0	0	0	0	0	0	0
Instruments & rel. products	38	4	694	0.0	6	1,250	0	0	0	0	3	0	4
Measuring, controlling	382	1	2	0.0	0	0	0	0	0	0	1	0	1
Misc. manufacturers	39	45	962	12.2	71	12,865	4	2,600	0	0	87	2,200	36
Transportation, utilities		210	11,916	26.5	135	61,980	11	10,600	1	50,000	293	4,500	149
Local, interurban transit	41	8	496	14.3	1	195	0	0	0	0	14	0	6
Trucking & warehousing	42	122	7,927	28.3	83	30,635	4	800	1	50,000	183	3,200	86
Trucking	421	108	6,324	29.0	73	28,255	2	400	1	50,000	153	2,600	76
Public warehousing	422	13	1,591	25.0	8	1,630	2	400	0	0	30	600	9
Transportation by air	45	17	1,709	6.7	15	7,255	2	800	0	0	25	0	14
Transportation services	47	7	212	16.7	2	330	1	200	0	0	11	600	5
Communication	48	30	554	30.0	16	7,985	2	3,200	0	0	25	200	21
Electric, gas, sanitation	49	26	1,018	30.8	18	15,580	2	5,600	0	0	35	500	17
Wholesale trade		135	6,524	9.3	167	61,315	19	11,600	0	0	287	5,110	117
Durable goods	50	77	2,295	6.8	104	42,690	12	8,000	0	0	154	1,550	69
Motor vehicles & equip	501	3	115	0.0	6	1,065	0	0	0	0	7	0	3
Lumber & const. material	503	24	305	13.0	36	21,545	9	5,800	0	0	29	600	20
Metals & minerals	505	7	314	0.0	6	1,520	3	2,200	0	0	23	0	7
Machinery, equipment etc	508	16	590	6.7	21	7,575	0	0	0	0	25	0	14
Misc. durable goods	509	12	167	0.0	23	6,825	0	0	0	0	47	650	12
Nondurable goods	51	58	4,229	12.7	63	18,625	7	3,600	0	0	133	3,560	48
Groceries & related	514	27	3,235	15.4	26	8,030	5	3,200	0	0	45	1,900	22
Misc. nondurable goods	519	15	847	7.1	24	8,070	2	400	0	0	64	1,560	13
Retail trade		484	25,657	11.3	335	100,490	25	32,600	2	140,000	1,197	22,880	405
Bldg. & garden materials	52	52	867	12.0	48	14,415	3	22,500	2	140,000	128	1,500	44

See footnotes at end of table.

Table 2. Inspections by industry, FFY 1996 (continued)

Federal fiscal year 1996, safety

Industry ¹	SIC ²	Inspections	Employees covered by inspection	Percent in Comp	Violations								Citations Issued
					Serious		Repeat		Willful		Other		
					Number	Dollar Penalty	Number	Dollar Penalty	Number	Dollar Penalty	Number	Dollar Penalty	
Private sector													
Lumber & bldg materials	521	41	483	5.1	35	\$10,400	3	\$22,500	2	\$140,000	99	\$800	37
General merchandise	53	46	8,661	11.1	43	14,965	9	5,800	0	0	120	500	40
Department stores	531	39	7,492	13.2	41	14,650	8	4,800	0	0	106	500	33
Food stores	54	90	5,685	4.9	77	21,385	6	2,100	0	0	252	2,880	78
Grocery stores	541	77	4,868	5.6	56	15,960	6	2,100	0	0	222	2,780	67
Automotive dealers	55	62	1,326	16.9	35	8,545	6	2,000	0	0	134	1,400	49
New & used car dealers	551	11	465	18.2	8	1,725	0	0	0	0	33	0	9
Auto & home supply	553	36	625	11.8	18	4,150	4	1,200	0	0	75	400	30
Gas service stations	554	14	196	30.8	3	470	2	800	0	0	22	500	9
Apparel & accessory	56	7	879	33.3	5	695	0	0	0	0	16	200	5
Furniture & furnishings	57	21	829	0.0	23	8,415	0	0	0	0	60	800	21
Furniture & furnishings	571	15	128	0.0	16	5,770	0	0	0	0	37	800	15
Eating & drinking	58	156	4,676	14.0	66	19,665	1	200	0	0	378	12,950	125
Miscellaneous retail	59	50	2,734	8.5	38	12,405	0	0	0	0	109	2,650	43
Finance,insurance, real estate		43	1,331	28.6	20	4,885	0	0	0	0	56	600	30
Depository institutions	60	4	77	50.0	0	0	0	0	0	0	5	0	2
Insurance carriers	63	1	700	100.0	0	0	0	0	0	0	0	0	0
Real estate	65	37	484	22.2	20	4,885	0	0	0	0	51	600	28
Real estate operators	651	22	317	23.8	8	2,115	0	0	0	0	34	200	16
Holding & investment	67	1	70	100.0	0	0	0	0	0	0	0	0	0
Services		349	24,174	26.3	238	68,750	5	4,600	0	0	554	16,735	247
Hotels & lodging places	70	27	1,021	19.2	30	7,890	1	600	0	0	50	1,100	21
Hotels, motels etc.	701	27	1,021	19.2	30	7,890	1	600	0	0	50	1,100	21
Personal services	72	8	285	12.5	12	3,080	0	0	0	0	13	900	7
Business services	73	106	6,076	44.7	37	15,645	1	200	0	0	113	5,840	57
Services to buildings	734	8	30	25.0	2	550	0	0	0	0	7	500	6
Misc. business services	738	28	898	30.8	21	5,415	1	200	0	0	59	2,000	18
Auto repair, services	75	25	289	12.5	18	3,750	2	800	0	0	60	800	21
Automotive repair shops	753	16	200	0.0	16	3,440	1	600	0	0	41	0	15
Misc. repair services	76	20	150	15.8	23	5,795	1	3,000	0	0	25	200	16
Motion pictures	78	4	62	50.0	1	300	0	0	0	0	3	600	2
Amusement & recreation	79	13	581	0.0	19	5,075	0	0	0	0	31	1,850	12
Health services	80	62	11,835	18.6	40	10,665	0	0	0	0	128	1,295	49
Nursing & personal care	805	36	3,426	17.6	25	5,060	0	0	0	0	75	895	29
Hospitals	806	14	7,707	7.7	13	3,805	0	0	0	0	26	0	12
Legal services	81	1	250	100.0	0	0	0	0	0	0	0	0	0
Educational services	82	9	332	0.0	3	860	0	0	0	0	14	2,500	7
Social services	83	37	2,088	23.5	28	9,405	0	0	0	0	59	100	26
Museum,zoo, botan. garden	84	2	22	0.0	1	165	0	0	0	0	5	0	2
Membership organizations	86	7	231	14.3	3	1,830	0	0	0	0	18	600	6
Engineer, management serv	87	26	937	26.9	19	3,300	0	0	0	0	32	700	19
Private households	88	1	13	0.0	2	450	0	0	0	0	2	250	1
Miscellaneous services	89	1	2	0.0	2	540	0	0	0	0	1	0	1
Public administration		1	60	0.0	0	0	0	0	0	0	7	195	1
Exec, legislative & general	91	1	60	0.0	0	0	0	0	0	0	7	195	1
Unknown		17	321	11.8	23	5,375	1	200	0	0	28	100	15

See footnotes at end of table.

Table 2. Inspections by industry, FFY 1996 (continued)

Federal fiscal year 1996, safety

Industry ¹	SIC ²	Inspections	Employees covered by inspection	Percent in Comp	Violations								Citations Issued
					Serious		Repeat		Willful		Other		
					Number	Dollar Penalty	Number	Dollar Penalty	Number	Dollar Penalty	Number	Dollar Penalty	
Public sector		223	17,079	30.4	194	\$73,780	9	\$27,800	0	\$0	339	\$6,330	151
Agriculture, forestry, fish		2	7	50.0	1	180	0	0	0	0	6	0	1
Agricultural services	07	1	3	0.0	1	180	0	0	0	0	6	0	1
Fishing, hunting, trapping	09	1	4	100.0	0	0	0	0	0	0	0	0	0
Construction		19	529	31.6	15	14,145	1	25,000	0	0	17	2,600	13
Heavy construction	16	18	524	33.3	15	14,145	1	25,000	0	0	12	2,500	12
Highway & street const.	161	16	504	37.5	13	13,165	1	25,000	0	0	3	2,500	10
Other heavy const.	162	2	5	0.0	2	980	0	0	0	0	9	0	2
Special trade contractors	17	1	20	0.0	2	980	0	0	0	0	5	100	1
Transportation, utilities		18	460	38.9	12	3,935	0	0	0	0	11	75	11
Local, interurban transit	41	3	298	100.0	0	0	0	0	0	0	0	0	0
Trucking & warehousing	42	1	32	0.0	0	0	0	0	0	0	1	0	1
Public warehousing	422	1	32	0.0	0	0	0	0	0	0	1	0	1
Water transportation	44	3	24	0.0	6	1,605	0	0	0	0	6	0	3
Transportation services	47	1	25	0.0	2	360	0	0	0	0	1	0	1
Electric, gas, sanitation	49	10	81	40.0	4	1,970	0	0	0	0	3	75	6
Retail trade		1	3	0.0	5	1,710	0	0	0	0	2	0	1
Miscellaneous retail	59	1	3	0.0	5	1,710	0	0	0	0	2	0	1
Finance, insur., real estate		1	24	0	3	770	0	0	0	0	14	0	1
Real estate	65	1	24	0.0	3	770	0	0	0	0	14	0	1
Real estate operators	651	1	24	0.0	3	770	0	0	0	0	14	0	1
Services		87	10,363	28.2	93	36,880	7	2,600	0	0	152	1,405	61
Personal services	72	1	28	0.0	2	420	0	0	0	0	3	0	1
Business services	73	2	111	50.0	2	300	0	0	0	0	4	0	1
Services to buildings	734	2	111	50.0	2	300	0	0	0	0	4	0	1
Auto repair, services	75	2	93	0.0	1	210	0	0	0	0	4	0	2
Automotive repair shops	753	2	93	0.0	1	210	0	0	0	0	4	0	2
Amusement & recreation	79	2	156	0.0	1	105	0	0	0	0	2	0	2
Health services	80	8	2,735	0.0	8	2,655	4	1,600	0	0	15	200	8
Nursing & personal care	805	1	60	0.0	0	0	0	0	0	0	1	0	1
Hospitals	806	7	2,675	0.0	8	2,655	4	1,600	0	0	14	200	7
Educational services	82	64	6,246	32.3	66	15,740	2	400	0	0	115	1,205	42
Social services	83	5	486	60.0	1	195	1	600	0	0	6	0	2
Museum, zoo, botan. garden	84	1	500	0.0	8	1,380	0	0	0	0	3	0	1
Engineer, management serv	87	2	8	0.0	4	15,875	0	0	0	0	0	0	2
Public administration		95	5,693	30.8	65	16,160	1	200	0	0	137	2,250	63
Exec, legislative & general	91	39	1,053	25.0	26	6,605	1	200	0	0	47	800	27
Justice, pub ord & safety	92	26	1,675	52.0	2	510	0	0	0	0	22	250	12
Public finance	93	2	270	50.0	1	210	0	0	0	0	2	0	1
All other government		28	2,695	17.9	36	8,835	0	0	0	0	66	1,200	23

See footnotes at end of table.

Table 2. Inspections by industry, FFY 1996 (continued)

Federal fiscal year 1996, health

Industry ¹	SIC ²	Inspections	Employees covered by inspection	Percent in Comp	Violations								Citations Issued
					Serious		Repeat		Willful		Other		
					Number	Dollar Penalty	Number	Dollar Penalty	Number	Dollar Penalty	Number	Dollar Penalty	
Total		499	34,748	29.9	595	\$201,800	9	\$3,900	0	\$0	633	\$13,180	337
Private sector		460	30,312	28.6	558	183,990	9	3,900	0	0	603	12,810	316
Agriculture, forestry, fish		18	1,167	44.4	14	2,250	1	200	0	0	32	165	10
Farming—crops	01	14	1,081	57.1	11	1,655	1	200	0	0	29	165	6
Horticultural specialty	018	6	956	50.0	5	765	1	200	0	0	11	165	3
General farms, crop	019	6	74	50.0	6	890	0	0	0	0	18	0	3
Farming—livestock	02	1	45	0.0	0	0	0	0	0	0	1	0	1
Agricultural services	07	3	41	0.0	3	595	0	0	0	0	2	0	3
Mining		1	30	100.0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals	14	1	30	100.0	0	0	0	0	0	0	0	0	0
Construction		87	2,658	52.9	73	32,895	0	0	0	0	62	3,810	41
Building construction	15	21	1,567	66.7	23	20,060	0	0	0	0	9	0	7
Residential building	152	13	471	46.2	23	20,060	0	0	0	0	9	0	7
Nonresidential building	154	8	1,096	100.0	0	0	0	0	0	0	0	0	0
Heavy construction	16	6	138	33.3	3	1,375	0	0	0	0	5	0	4
Highway & street const.	161	3	33	33.3	2	550	0	0	0	0	3	0	2
Other heavy const.	162	3	105	33.3	1	825	0	0	0	0	2	0	2
Special trade contractor	17	60	953	50.0	47	11,460	0	0	0	0	48	3,810	30
Plumbing, heating, a/c	171	11	64	54.5	5	1,665	0	0	0	0	7	100	5
Electrical work	173	7	41	57.1	3	600	0	0	0	0	0	0	3
Masonry, stone & plaster	174	6	36	50.0	10	3,235	0	0	0	0	1	0	3
Carpentering & flooring	175	6	88	33.3	5	1,365	0	0	0	0	7	200	4
Roofing & sheet metal	176	1	150	0.0	0	0	0	0	0	0	4	250	1
Misc. special trade	179	15	423	60.0	8	1,715	0	0	0	0	8	2,500	6
Manufacturing		168	14,698	20.1	255	69,975	6	2,900	0	0	230	4,390	128
Food & kindred products	20	19	572	5.9	33	13,925	0	0	0	0	24	195	16
Meat products	201	1	135	0.0	1	105	0	0	0	0	0	0	1
Fruits & vegetables	203	2	48	0.0	1	105	0	0	0	0	2	195	2
Bakery products	205	1	16	0.0	0	0	0	0	0	0	3	0	1
Beverages	208	5	27	0.0	8	5,215	0	0	0	0	2	0	4
Misc. food products	209	2	95	0.0	3	705	0	0	0	0	1	0	2
Lumber & wood products	24	37	3,600	20.0	54	13,160	1	600	0	0	46	300	28
Logging	241	2	14	0.0	0	0	0	0	0	0	2	0	2
Sawmills, planing mills	242	4	438	25.0	4	795	0	0	0	0	2	0	3
Veneer, plywood, millwork	243	23	2,704	19.0	30	7,525	1	600	0	0	36	300	17
Mobile homes, wood bldgs	245	4	50	50.0	3	460	0	0	0	0	2	0	2
Misc. wood products	249	4	394	0.0	17	4,380	0	0	0	0	4	0	4
Furniture & fixtures	25	4	326	0.0	6	1,655	2	1,200	0	0	6	0	4
Household furniture	251	3	315	0.0	4	1,205	1	600	0	0	4	0	3
Paper & allied products	26	5	1,417	40.0	7	965	0	0	0	0	5	0	3
Paper mills	262	3	767	66.7	1	195	0	0	0	0	0	0	1
Paperboard mills	263	1	530	0.0	5	665	0	0	0	0	5	0	1
Converted paper products	267	1	120	0.0	1	105	0	0	0	0	0	0	1
Printing & publishing	27	5	391	0.0	6	1,530	0	0	0	0	6	250	4
Chemicals & allied products	28	6	179	16.7	11	2,475	0	0	0	0	5	0	5
Rubber & misc. plastics	30	9	273	22.2	14	3,385	1	200	0	0	17	410	7
Misc. plastic products	308	8	267	25.0	13	3,205	1	200	0	0	17	410	6
Stone, clay, glass products	32	5	337	25.0	2	650	0	0	0	0	9	200	3

See footnotes at end of table.

Table 2. Inspections by industry, FFY 1996 (continued)

Federal fiscal year 1996, health

Industry ¹	SIC ²	Inspections	Employees covered by inspection	Percent in Comp	Violations								Citations Issued
					Serious		Repeat		Willful		Other		
					Number	Dollar Penalty	Number	Dollar Penalty	Number	Dollar Penalty	Number	Dollar Penalty	
Private Sector													
Concrete, gypsum, plaster	327	1	2	0.0	1	\$300	0	\$0	0	\$0	0	\$0	1
Primary metal industries	33	13	2,331	38.5	27	9,945	2	900	0	0	19	1,435	8
Blast furnaces/steel	331	4	206	50.0	3	430	1	600	0	0	4	0	2
Iron & steel foundries	332	1	150	0.0	9	2,360	0	0	0	0	4	600	1
Primary nonferrous mtl	333	5	1,884	60.0	7	5,710	1	300	0	0	2	390	2
Fabricated metal product	34	18	582	23.5	29	7,545	0	0	0	0	35	600	14
Cutlery, hand tools etc.	342	3	238	33.3	4	730	0	0	0	0	6	0	2
Fab. struct. metal prod	344	7	151	14.3	11	3,115	0	0	0	0	15	100	6
Machinery	35	11	768	20.0	15	3,750	0	0	0	0	15	0	8
Const. & related mach.	353	1	42	0.0	2	360	0	0	0	0	3	0	1
Spec. industry mach.	355	4	388	25.0	5	1,180	0	0	0	0	7	0	3
Ind. machinery nec	359	2	44	0.0	7	2,015	0	0	0	0	1	0	2
Electric & electronic eq	36	12	1,050	25.0	11	2,425	0	0	0	0	21	500	9
Transportation equipment	37	16	2,502	20.0	30	6,760	0	0	0	0	13	500	12
Motor vehicles & equip.	371	5	1,023	0.0	6	1,320	0	0	0	0	2	0	4
Railroad equipment	374	1	1,200	0.0	4	2,000	0	0	0	0	0	0	1
Instruments & rel. products	38	2	287	0.0	3	405	0	0	0	0	1	0	2
Misc. manufacturers	39	6	83	16.7	7	1,400	0	0	0	0	8	0	5
Transportation, utilities		26	1,707	28.0	16	4,830	0	0	0	0	40	200	19
Local, interurban transit	41	1	43	0.0	1	180	0	0	0	0	2	100	1
Trucking & warehousing	42	12	919	25.0	8	3,150	0	0	0	0	19	0	9
Trucking	421	9	788	33.3	5	2,385	0	0	0	0	14	0	6
Public warehousing	422	3	131	0.0	3	765	0	0	0	0	5	0	3
Water transportation	44	2	80	0.0	0	0	0	0	0	0	2	100	2
Transportation services	47	1	64	0.0	1	500	0	0	0	0	1	0	1
Communication	48	3	380	50.0	2	390	0	0	0	0	6	0	2
Electric, gas, sanitation	49	7	221	42.9	4	610	0	0	0	0	10	0	4
Wholesale trade		21	555	35.0	21	18,165	1	200	0	0	29	600	13
Durable goods	50	12	183	36.4	5	5,040	0	0	0	0	13	350	7
Motor vehicles & equip	501	1	30	100.0	0	0	0	0	0	0	0	0	0
Lumber & const.material	503	1	40	0.0	1	300	0	0	0	0	3	0	1
Metals & minerals	505	1	7	100.0	0	0	0	0	0	0	0	0	0
Machinery, equipment etc	508	3	43	33.3	2	240	0	0	0	0	4	0	2
Misc. durable goods	509	6	63	20.0	2	4,500	0	0	0	0	6	350	4
Nondurable goods	51	9	372	33.3	16	13,125	1	200	0	0	16	250	6
Groceries & related	514	1	100	0.0	1	195	0	0	0	0	3	0	1
Misc. nondurable goods	519	6	167	33.3	11	11,940	1	200	0	0	11	0	4
Retail trade		33	2,209	16.1	36	17,895	0	0	0	0	54	1,400	26
Bldg. & garden materials	52	2	153	50.0	0	0	0	0	0	0	3	0	1
General merchandise	53	5	670	0.0	6	4,310	0	0	0	0	0	0	3
Department stores	531	5	670	0.0	6	4,310	0	0	0	0	0	0	3
Food stores	54	1	72	0.0	3	585	0	0	0	0	2	0	1
Automotive dealers	55	11	450	9.1	18	11,035	0	0	0	0	24	700	10
New & used car dealers	551	4	394	25.0	8	2,025	0	0	0	0	13	0	3
Auto & home supply	553	3	15	0.0	3	445	0	0	0	0	2	0	3
Gas service stations	554	3	38	0.0	6	8,465	0	0	0	0	6	700	3
Furniture & furnishings	57	4	473	25.0	0	0	0	0	0	0	11	200	3
Eating & drinking	58	5	181	20.0	6	1,325	0	0	0	0	6	300	4
Miscellaneous retail	59	5	210	20.0	3	640	0	0	0	0	8	200	4

See footnotes at end of table.

Table 2. Inspections by industry, FFY 1996 (continued)

Federal fiscal year 1996, health

Industry ¹	SIC ²	Inspections	Employees covered by inspection	Percent in Comp	Violations								Citations Issued
					Serious		Repeat		Willful		Other		
					Number	Dollar Penalty	Number	Dollar Penalty	Number	Dollar Penalty	Number	Dollar Penalty	
Private Sector													
Finance, insur., real estate		5	42	40.0	5	\$1,670	0	\$0	0	\$0	5	\$0	3
Real estate	65	5	42	40.0	5	1,670	0	0	0	0	5	0	3
Real estate operators	651	1	7	0.0	0	0	0	0	0	0	1	0	1
Services		97	7,226	18.9	138	36,310	1	600	0	0	143	2,245	73
Hotels & lodging places	70	9	362	14.3	10	2,610	0	0	0	0	13	800	6
Hotels, motels etc.	701	9	362	14.3	10	2,610	0	0	0	0	13	800	6
Personal services	72	9	252	0.0	11	7,650	0	0	0	0	10	0	8
Business services	73	22	231	9.5	17	3,265	1	600	0	0	26	645	19
Services to buildings	734	12	116	0.0	15	2,715	0	0	0	0	17	570	12
Misc. business services	738	7	41	16.7	1	100	1	600	0	0	6	75	5
Auto repair, services	75	17	103	21.4	34	3,085	0	0	0	0	31	0	11
Automotive repair shops	753	14	84	9.1	31	2,655	0	0	0	0	27	0	10
Misc. repair services	76	3	73	33.3	8	2,275	0	0	0	0	7	0	2
Amusement & recreation	79	3	795	33.3	1	195	0	0	0	0	2	0	2
Health services	80	17	4,223	29.4	28	11,760	0	0	0	0	27	0	12
Nursing & personal care	805	4	392	50.0	2	540	0	0	0	0	12	0	2
Hospitals	806	4	3,278	50.0	16	5,355	0	0	0	0	3	0	2
Legal services	81	1	31	0.0	0	0	0	0	0	0	4	0	1
Educational services	82	2	304	0.0	11	1,775	0	0	0	0	6	100	2
Social services	83	7	426	28.6	5	1,210	0	0	0	0	4	300	5
Museum,zoo, botan. garden	84	1	20	0.0	3	415	0	0	0	0	0	0	1
Membership organizations	86	1	320	100.0	0	0	0	0	0	0	0	0	0
Engineer, management serv	87	4	67	25.0	8	1,740	0	0	0	0	8	300	3
Miscellaneous services	89	1	19	0.0	2	330	0	0	0	0	5	100	1
Unknown		4	20	25.0	0	0	0	0	0	0	8	0	3
Public sector		39	4,436	44.7	37	17,810	0	0	0	0	30	370	21
Construction		3	201	33.3	2	800	0	0	0	0	6	0	2
Heavy construction	16	3	201	33.3	2	800	0	0	0	0	6	0	2
Highway & street const.	161	3	201	33.3	2	800	0	0	0	0	6	0	2
Transportation, utilities		2	157	0.0	8	1,820	0	0	0	0	3	0	2
Local, interurban transit	41	1	150	0.0	0	0	0	0	0	0	2	0	1
Electric, gas, sanitation	49	1	7	0.0	8	1,820	0	0	0	0	1	0	1
Services		14	1,835	53.8	9	5,180	0	0	0	0	6	0	6
Business services	73	2	13	100.0	0	0	0	0	0	0	0	0	0
Services to buildings	734	2	13	100.0	0	0	0	0	0	0	0	0	0
Health services	80	1	10	0.0	0	0	0	0	0	0	1	0	1
Hospitals	806	1	10	0.0	0	0	0	0	0	0	1	0	1
Educational services	82	7	462	50.0	6	4,180	0	0	0	0	1	0	3
Social services	83	2	350	100.0	0	0	0	0	0	0	0	0	0
Museum, zoo, botan . garden	84	2	1,000	0.0	3	1,000	0	0	0	0	4	0	2
Public administration		20	2,243	45.0	18	10,010	0	0	0	0	15	370	11
Exec, legislative & general	91	4	35	50.0	7	7,110	0	0	0	0	1	0	2
Justice, pub ord & safety	92	9	2,135	44.4	8	1,860	0	0	0	0	7	0	5
All other government		7	73	42.9	3	1,040	0	0	0	0	7	370	4

¹ Includes all industries covered by Oregon workers' compensation laws.

² Standard Industrial Classification Manual, 1987 Edition.

Table 3. Inspections by type of inspection, FFY 1987-1996

Federal Fiscal Year	All inspections		Complaint		Fatality or catastrophe		Follow-up/monitor		Referral/variance		Programmed (scheduled)		Unprogrammed related	
	Total	Percent in Compliance	Total	Percent in compliance	Total	Percent in compliance	Total	Percent in compliance	Total	Percent in compliance	Total	Percent in compliance	Total	Percent in compliance
Safety														
1987	4,622	18.1	435	22.1	74	23.0	223	na	17	35.3	3,866	17.5	7	0.0
1988	4,972	19.3	414	19.1	77	22.1	295	na	32	15.6	4,146	19.2	8	25.0
1989	4,436	22.0	395	26.3	64	21.9	161	na	30	13.3	3,780	21.6	6	33.3
1990	4,074	19.6	418	17.9	104	21.2	207	na	24	33.3	3,313	19.6	8	25.0
1991	4,671	16.4	399	14.8	97	21.6	165	na	34	41.2	3,963	16.1	13	30.8
1992	4,803	14.7	516	21.1	93	16.1	211	na	25	28.0	3,920	13.6	38	26.3
1993	4,938	18.2	522	23.6	147	12.2	169	na	24	16.7	4,045	17.5	31	45.2
1994	4,352	19.0	510	22.2	184	19.6	121	na	18	22.2	3,476	18.6	43	18.6
1995	4,791	23.5	562	24.9	197	23.4	157	na	33	24.2	3,824	23.3	18	33.3
1996	4,685	24.0	540	27.6	199	22.6	122	na	28	25.0	3,765	23.5	31	41.9
Health														
1987	763	18.2	255	17.3	5	80.0	50	na	74	18.9	376	17.8	3	33.3
1988	722	20.5	282	23.4	3	33.3	55	na	110	25.5	265	15.1	7	28.6
1989	697	20.4	263	22.4	6	0.0	45	na	87	21.8	288	18.1	8	37.5
1990	751	15.0	344	16.9	8	12.5	49	na	130	14.6	206	12.1	14	14.3
1991	835	17.6	371	13.7	12	0.0	44	na	131	17.6	259	22.8	18	33.3
1992	938	18.2	408	16.2	3	0.0	58	na	102	16.7	328	19.2	39	35.9
1993	683	17.5	335	20.0	6	16.7	32	na	82	18.3	201	10.4	27	37.0
1994	677	19.9	302	16.6	7	0.0	29	na	86	15.1	221	26.2	32	25.0
1995	683	22.3	372	22.0	20	25.0	36	na	100	22.0	122	22.1	33	24.2
1996	499	29.9	244	29.5	4	0.0	21	na	109	25.7	69	23.2	52	51.9
Total														
1987	5,385	18.1	690	20.3	79	26.6	273	na	91	22.0	4,242	17.5	10	10.0
1988	5,694	19.4	696	20.8	80	22.5	350	na	142	23.2	4,411	19.0	15	26.7
1989	5,133	21.8	658	24.8	70	20.0	206	na	117	19.7	4,068	21.3	14	35.7
1990	4,825	18.9	762	17.5	112	20.5	256	na	154	17.5	3,519	19.2	22	18.2
1991	5,506	16.5	770	14.3	109	19.3	209	na	165	22.4	4,222	16.5	31	32.3
1992	5,741	15.2	924	18.9	96	15.6	269	na	127	18.9	4,248	14.0	77	31.2
1993	5,621	18.1	857	22.2	153	12.4	201	na	106	17.9	4,246	17.1	58	41.4
1994	5,029	19.2	812	20.1	191	18.8	150	na	104	16.3	3,697	19.0	75	21.3
1995	5,474	23.4	934	23.8	217	23.5	193	na	133	22.6	3,946	23.2	51	27.5
1996	5,184	24.6	784	28.2	203	22.2	143	na	137	25.5	3,834	23.4	83	48.2

- indicates there were none

na: percent in compliance excludes follow-up and monitor inspections and is not computed for follow-up/monitor inspections.

Note: One 1988, three 1992, and one 1993 variance inspections were included with the count of referral inspections.

Source: Research & Analysis Section, Oregon Department of Consumer & Business Services, 8/97

Table 4. Division and rank of safety and health standards cited by type of violation, FFY 1996

Safety Type of Inspection	Type of violation	Rank	Division	Standard violated	Number of times violated
Safety	Willful	1	03/M	Construction: Floor & wall openings	6
		2	01	Rules for administration of OSEACT	1
		3	06	Forest activities	1
		4	02/O	Machinery & machine guarding	1
Safety	Willful			Total	9
Safety	Serious	1	02/O	Machinery & machine guarding	835
		2	03/M	Construction: floor & wall openings	639
		3	02/N	Materials handling & storage	238
		4	06	Forest activities	229
		5	02/S	Electrical	210
		6	02/D	Walking-working surfaces	201
		7	02/J	General environmental controls	184
		8	01	Rules for administration of OSEACT	181
		9	03/P	Construction: excavations	155
		10	03/L	Construction: scaffolding	151
		11	03/X	Construction: stairways & ladders	120
		12	81	Agricultural operations and farming	98
		13	02/I	Personal protective equipment	82
		14	03/E	Construction: personal protective equip	69
		14	03/K	Construction: electrical	69
		16	02/Q	Welding, cutting & brazing	68
		17	02/E	Means of egress	67
		18	02/R	Special processes	66
		19	03/I	Construction: hand & power tools	65
		20	03/G	Construction: signs,signals,barricades	62
		21	02/P	Hand & portable powered tools	61
		22	02/Z	Toxic & hazardous substances	47
		23	03/C	Construction: general provisions	40
		24	02/M	Compressed gas/air equipment	38
		25	03/N	Construction: cranes, derricks, hoists	36
		26	02/H	Hazardous materials	34
		27	03/O	Construction: motor vehicles	30
		27	03/Q	Construction: concrete & masonry	30
		29	02/K	Medical & first aid	29
		30	02/F	Powered platforms	18
		31	654	Oregon safe employment act	8
		31	03/F	Construction: fire protection	8
		31	03/H	Construction: materials handlng,storage	8
		31	03/V	Construction: power transmission,distr	8
35	02/L	Fire protection	5		
35	03/J	Construction: welding & cutting	5		
37	03/D	Construction: health & environ controls	4		
37	03/T	Construction: demolition	4		
39	03/S	Construction: underground, caissons,etc	3		
40	05	Maritime activites	1		
40	02/G	Occ health & environmental control	1		
40	03/R	Construction: steel erection	1		
40	03/W	Construction: rollover protection	1		
Safety	Serious			Total	4,209

Table 4. Division and rank of safety and health standards cited by type of violation, FFY 1996

Safety Type of Inspection	Type of violation	Rank	Division	Standard violated	Number of times violated
Safety	Repeat	1	02/O	Machinery & machine guarding	62
		2	03/M	Construction: floor & wall openings	30
		3	02/J	General environmental controls	26
		4	02/S	Electrical	24
		5	03/K	Construction: electrical	20
		6	01	Rules for administration of OSEACT	15
		6	03/P	Construction: excavations	15
		8	02/D	Walking-working surfaces	12
		8	02/N	Materials handling & storage	12
		8	02/R	Special processes	12
		8	03/L	Construction: scaffolding	12
		8	03/X	Construction: stairways & ladders	12
		13	06	Forest activities	11
		13	02/Z	Toxic & hazardous substances	11
		15	03/G	Construction: signs,signals,barricades	7
		16	02/L	Fire protection	5
		17	02/I	Personal protective equipment	4
		17	02/P	Hand & portable powered tools	4
		17	03/E	Construction: personal protective equip	4
		20	02/Q	Welding, cutting & brazing	3
		20	03/C	Construction: general provisions	3
		20	03/D	Construction: health & environ controls	3
		20	03/Q	Construction: concrete & masonry	3
		24	02/E	Means of egress	2
		24	02/F	Powered platforms	2
		24	02/K	Medical & first aid	2
		24	02/M	Compressed gas/air equipment	2
		24	03/F	Construction: fire protection	2
		29	81	Agricultural operations and farming	1
29	02/H	Hazardous materials	1		
29	03/H	Construction: materials handlng,storage	1		
29	03/N	Construction: cranes, derricks, hoists	1		
29	03/O	Construction: motor vehicles	1		
Safety	Repeat			Total	325
Safety	Other	1	01	Rules for administration of OSEACT	1,017
		2	02/S	Electrical	988
		3	02/Z	Toxic & hazardous substances	532
		4	02/N	Materials handling & storage	499
		5	02/I	Personal protective equipment	449
		6	03/K	Construction: electrical	399
		7	02/D	Walking-working surfaces	359
		8	02/O	Machinery & machine guarding	273
		9	06	Forest activities	266
		10	02/J	General environmental controls	251
		11	02/L	Fire protection	186
		12	02/E	Means of egress	178
		13	03/D	Construction: health & environ controls	150
		14	03/X	Construction: stairways & ladders	133
		15	02/Q	Welding, cutting & brazing	125
		16	02/P	Hand & portable powered tools	106
		16	03/M	Construction: floor & wall openings	106
		18	81	Agricultural operations and farming	105
		19	02/K	Medical & first aid	72

Table 4. Division and rank of safety and health standards cited by type of violation, FFY 1996

Safety Type of Inspection	Type of violation	Rank	Division	Standard violated	Number of times violated
Safety	Other	20	02/H	Hazardous materials	67
		21	03/O	Construction: motor vehicles	54
		22	03/L	Construction: scaffolding	51
		23	03/P	Construction: excavations	42
		24	03/F	Construction: fire protection	36
		25	03/J	Construction: welding & cutting	27
		26	02/R	Special processes	26
		27	03/C	Construction: general provisions	25
		28	03/N	Construction: cranes, derricks, hoists	23
		29	03/I	Construction: hand & power tools	21
		30	03/E	Construction: personal protective equip	20
		31	03/H	Construction: materials handlng.storage	17
		32	02/M	Compressed gas/air equipment	15
		33	03/G	Construction: signs,signals,barricades	13
		34	03/Q	Construction: concrete & masonry	6
		35	02/G	Occ health & environmental control	4
		36	02/F	Powered platforms	2
		36	03/T	Construction: demolition	2
		38	654	Oregon safe employment act	1
		38	02/T	Commercial diving operations	1
38	03/R	Construction: steel erection	1		
38	03/W	Construction: Rollover protection	1		
Safety	Other			Total	6,649
				Total Safety	11,192
Health	Serious	1	02/Z	Toxic & hazardous substances	210
		2	02/H	Hazardous materials	66
		3	02/J	General environmental controls	60
		4	03/Z	Construction: toxic & hazardous subst.	49
		5	02/I	Personal protective equipment	41
		6	02/G	Occ health & environmental control	26
		7	01	Rules for administration of OSEACT	25
		8	02/K	Medical & first aid	19
		9	02/O	Machinery & machine guarding	14
		10	02/D	Walking-working surfaces	11
		10	03/D	Construction: health & environ controls	11
		12	02/N	Materials handling & storage	8
		12	02/Q	Welding, cutting & brazing	8
		14	02/M	Compressed gas/air equipment	7
		15	06	Forest activities	6
		15	81	Agricultural operations and farming	6
		15	02/E	Means of egress	6
		15	02/S	Electrical	6
		19	02/P	Hand & portable powered tools	3
		19	03/F	Construction: fire protection	3
21	03/C	Construction: general provisions	2		
21	03/E	Construction: personal protective equip	2		
21	03/K	Construction: electrical	2		
24	654	Oregon safe employment act	1		
24	02/L	Fire protection	1		

Table 4. Division and rank of safety and health standards cited by type of violation, FFY 1996

Safety Type of Inspection	Type of violation	Rank	Division	Standard violated	Number of times violated
		24	02/T	Commercial diving operations	1
		24	03/H	Construction: materials handling, storage	1
Safety	Serious			Total	595
Health	Repeat	1	02/H	Hazardous materials	3
		2	01	Rules for administration of OSEACT	2
		2	02/I	Personal protective equipment	2
		4	02/N	Materials handling & storage	1
		4	02/Z	Toxic & hazardous substances	1
Health	Repeat			Total	9
Health	Other	1	02/Z	Toxic & hazardous substances	197
		2	02/I	Personal protective equipment	145
		3	01	Rules for administration of OSEACT	137
		4	02/G	Occ health & environmental control	28
		5	02/H	Hazardous materials	25
		6	02/J	General environmental controls	10
		6	02/O	Machinery & machine guarding	10
		6	02/S	Electrical	10
		6	81	Agricultural operations and farming	10
		10	02/E	Means of egress	9
		10	02/K	Medical & first aid	9
		10	02/Q	Welding, cutting & brazing	9
		13	02/D	Walking-working surfaces	7
		14	02/N	Materials handling & storage	6
		15	02/L	Fire protection	4
		15	03/D	Construction: health & environ controls	4
		17	02/P	Hand & portable powered tools	3
		17	03/K	Construction: electrical	3
		17	03/Z	Construction: toxic & hazardous subst.	3
		20	06	Forest activities	2
		21	02/C	General safety & health provisions	1
		21	02/M	Compressed gas/air equipment	1
Health	Other			Total	633
				Total Health	1,237
				Total Safety and Health	12,429

Source: Research & Analysis Section, Oregon Department of Consumer & Business Services

Table 5. Inspections, violations and citations by field office, FFY 1996

Federal fiscal year 1996

Type and field office	Inspections	Employees covered by inspection	Percent in compliance	Violations								Citations issued
				Serious		Repeat		Willful		Other		
				Number	Dollar Penalty	Number	Dollar Penalty	Number	Dollar Penalty	Number	Dollar Penalty	
Safety	4,685	160,857	24.0	4,209	\$1,588,870	325	\$401,870	9	\$560,000	6,649	\$158,940	3,474
Portland	1,415	64,708	23.6	1,303	446,175	72	97,870	3	160,000	1,739	40,745	1,051
Salem	1,032	40,392	22.6	998	571,635	86	138,400	6	400,000	1,606	65,020	779
Eugene	957	20,366	29.6	803	250,125	57	47,700	0	0	1,462	14,050	667
Bend	482	11,870	29.3	339	127,185	35	40,400	0	0	495	12,155	335
Medford	799	23,521	16.6	766	193,750	75	77,500	0	0	1,347	26,970	642
Health	499	34,748	29.9	595	\$201,800	9	\$3,900	0	\$0	633	\$13,180	337
Portland	231	16,132	26.9	276	90,175	3	1,000	0	0	365	5,775	164
Salem	125	6,633	37.8	127	45,955	3	1,400	0	0	119	1,920	74
Eugene	78	5,921	29.9	118	48,895	1	300	0	0	76	1,140	55
Bend	28	3,944	11.1	58	12,870	2	1,200	0	0	37	200	24
Medford	37	2,118	37.5	16	3,905	0	0	0	0	36	4,145	20

Source: Research & Analysis Section, Oregon Department of Consumer & Business Services, 8/97.

Table 6. Penalties, FFY 1990-1996

Federal fiscal year		Proposed penalties	Current penalties	Proposed FTA penalties	Current FTA penalties	Payments	Receipts
Safety	1990	\$2,203,870	\$1,627,821	\$152,475	\$89,093	\$1,681,054	\$1,190,626
	1991	2,371,040	1,719,668	253,892	70,665	1,722,579	1,601,559
	1992	2,597,136	1,793,437	148,725	81,540	1,864,339	1,683,079
	1993	4,321,765	2,822,139	48,110	24,520	2,444,787	1,926,789
	1994	4,060,225	2,402,386	60,640	49,585	2,046,467	1,733,972
	1995	3,658,991	2,657,440	42,300	23,610	1,744,831	1,878,509
	1996	2,709,680	1,874,535	200,125	191,425	1,346,734	1,873,352
Health	1990	\$611,492	\$416,262	\$62,200	\$42,800	\$448,341	\$271,074
	1991	404,169	287,564	17,860	14,475	296,845	329,709
	1992	569,985	383,760	17,550	9,500	385,840	370,595
	1993	342,335	278,717	13,300	3,970	265,602	429,046
	1994	515,765	355,602	61,250	28,550	352,750	311,468
	1995	2,106,495	650,885	24,150	19,000	486,057	305,746
	1996	218,880	166,885	15,100	10,500	155,243	296,378
Total	1990	\$2,815,362	\$2,044,083	\$214,675	\$131,893	\$2,129,395	\$1,461,700
	1991	2,775,209	2,007,232	271,752	85,140	2,019,424	1,931,268
	1992	3,167,121	2,177,197	166,275	91,040	2,250,179	2,053,674
	1993	4,664,100	3,100,856	61,410	28,490	2,710,389	2,355,835
	1994	4,575,990	2,757,988	121,890	78,135	2,399,217	2,045,440
	1995	5,765,486	3,308,325	66,450	42,610	2,230,888	2,184,255
	1996	2,928,560	2,041,420	215,225	201,925	1,501,977	2,169,730

1. Proposed penalties are penalties assessed prior to any informal conference or hearing that might reduce the amount due.
2. Current penalties are penalties due the department, after the citation has become a final order.
3. Proposed and current FTA penalties are for violations found to be unabated in a follow-up inspection.
4. Payments are net dollars collected (as of 7/14/97) by the department for penalties due on inspections opened in the indicated fiscal year.
5. Receipts are net dollars collected, including interest, by the department during the indicated fiscal year, regardless of when the inspection was conducted.

Source: Research and Analysis Section, Department of Consumer & Business Services, 7/97

Table 7. Inspections by county and industry group, FFY 1996

Federal fiscal year 1996, safety

County by Industry ^{1/}	Total ^{2/}	Ag forestry fishing	Mining	Construction	Mfg (excl. logging)	Logging	Transport pub util	Wholesale trade	Retail trade	Finance, insurance, real estate	Services	Public sector
Total	4,685	194	12	1,943	746	329	210	135	484	43	349	223
Baker	14	1	-	4	-	2	1	-	2	-	-	4
Benton	153	8	-	72	17	27	5	-	12	2	5	5
Clackamas	172	16	-	66	32	1	7	8	26	-	13	3
Clatsop	68	2	-	37	7	3	2	2	5	1	6	3
Columbia	86	2	3	53	7	10	2	1	2	-	3	2
Coos	143	6	1	62	14	17	7	3	5	2	7	18
Crook	31	3	-	17	1	3	2	-	4	-	1	-
Curry	12	-	-	2	-	4	1	-	3	-	1	1
Deschutes	170	4	-	101	24	7	3	4	10	-	9	8
Douglas	317	5	-	64	39	61	15	10	59	2	21	40
Grant	19	-	-	3	-	8	-	-	2	-	2	4
Harney	17	-	-	6	2	3	-	-	3	-	-	3
Hood River	33	21	-	4	2	1	-	1	1	-	3	-
Jackson	284	3	-	108	72	4	21	8	35	3	18	11
Jefferson	5	1	-	1	2	-	-	-	-	-	1	-
Josephine	43	5	1	10	10	4	4	1	5	-	2	1
Klamath	81	3	-	36	13	6	6	-	3	-	6	8
Lake	1	-	-	-	1	-	-	-	-	-	-	-
Lane	610	10	3	285	85	77	21	15	54	4	38	16
Lincoln	110	2	-	41	14	20	-	1	16	-	11	5
Linn	217	10	-	84	43	17	12	5	17	2	16	8
Malheur	43	-	-	30	2	-	2	1	1	-	3	3
Marion	521	37	-	185	122	3	16	19	49	10	51	28
Morrow	17	4	-	9	2	-	1	-	-	-	1	-
Multnomah	670	10	2	282	101	-	51	32	88	7	71	24
Polk	144	6	-	42	28	16	7	4	19	2	11	8
Sherman	2	-	-	2	-	-	-	-	-	-	-	-
Tillamook	45	1	-	11	7	5	4	1	2	1	5	6
Umatilla	54	2	-	34	7	3	3	-	2	-	2	1
Union	29	7	-	9	3	2	1	-	3	-	2	2
Wallowa	11	-	-	3	-	6	2	-	-	-	-	-
Wasco	42	8	-	22	2	-	-	-	4	-	3	3
Washington	377	14	2	194	48	9	11	16	43	5	28	6
Wheeler	5	-	-	-	-	5	-	-	-	-	-	-
Yamhill	138	3	-	63	39	5	3	3	9	2	9	2
Unknown	1	-	-	1	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 7. Inspections by county and industry group, FFY 1996 (continued)

Federal fiscal year 1996, health

County by Industry ^{1/}	Total ^{2/}	Ag forestry fishing	Mining	Construction	Mfg (excl. logging)	Logging	Transport pub util	Wholesale trade	Retail trade	Finance, insurance, real estate	Services	Public sector
Total	499	18	1	87	166	2	26	21	33	5	97	39
Benton	6	1	-	1	1	-	-	-	-	-	1	2
Clackamas	31	-	1	2	15	-	3	2	2	-	4	2
Clatsop	4	-	-	-	2	-	-	-	-	1	-	1
Columbia	4	-	-	-	3	-	-	-	-	-	1	-
Coos	5	-	-	-	2	-	1	-	-	-	2	-
Curry	1	-	-	-	-	-	-	-	-	-	1	-
Deschutes	17	1	-	-	8	-	1	1	-	-	4	1
Douglas	12	-	-	1	6	-	-	-	-	-	5	-
Grant	1	-	-	-	1	-	-	-	-	-	-	-
Harney	2	-	-	-	2	-	-	-	-	-	-	-
Hood River	5	1	-	-	-	-	-	1	-	-	2	1
Jackson	26	1	-	1	8	-	1	1	3	-	10	1
Jefferson	2	-	-	-	1	-	-	-	1	-	-	-
Josephine	2	-	-	-	2	-	-	-	-	-	-	-
Klamath	8	-	-	-	4	-	-	-	-	-	2	2
Lane	40	-	-	8	9	-	3	2	8	-	9	1
Lincoln	15	-	-	5	5	-	-	-	-	-	3	2
Linn	17	1	-	1	10	1	1	-	-	-	2	1
Malheur	4	1	-	1	-	-	-	-	2	-	-	-
Marion	81	5	-	13	29	-	1	2	7	-	13	10
Morrow	1	-	-	1	-	-	-	-	-	-	-	-
Multnomah	127	1	-	31	22	-	13	9	5	2	30	13
Polk	2	1	-	-	1	-	-	-	-	-	-	-
Sherman	3	-	-	2	-	-	-	-	1	-	-	-
Tillamook	6	-	-	5	-	-	-	-	-	-	-	1
Umatilla	7	-	-	2	2	1	1	-	-	-	1	-
Union	2	-	-	-	1	-	-	-	-	-	1	-
Wallowa	1	-	-	-	1	-	-	-	-	-	-	-
Washington	51	4	-	12	22	-	1	1	3	2	4	1
Yamhill	16	1	-	1	9	-	-	2	1	-	2	-

^{1/} Includes all industries covered by Oregon workers' compensation laws.

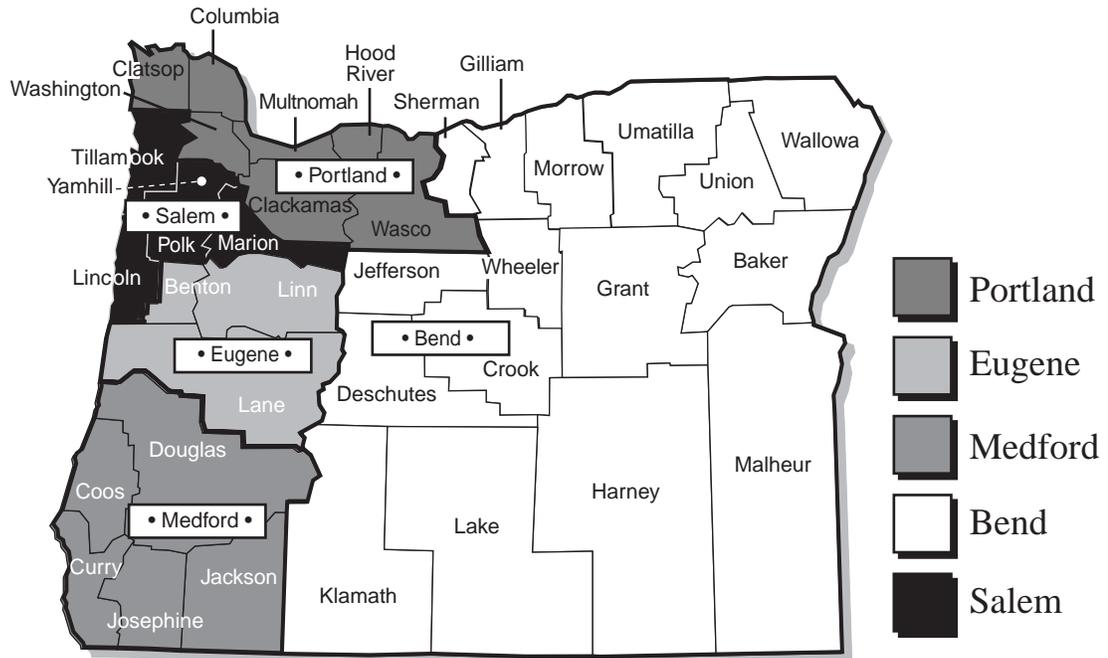
Public sector includes all inspections of government establishments, regardless of the SIC assigned.

^{2/} Includes inspections where the industry is unknown.

- indicates there were none

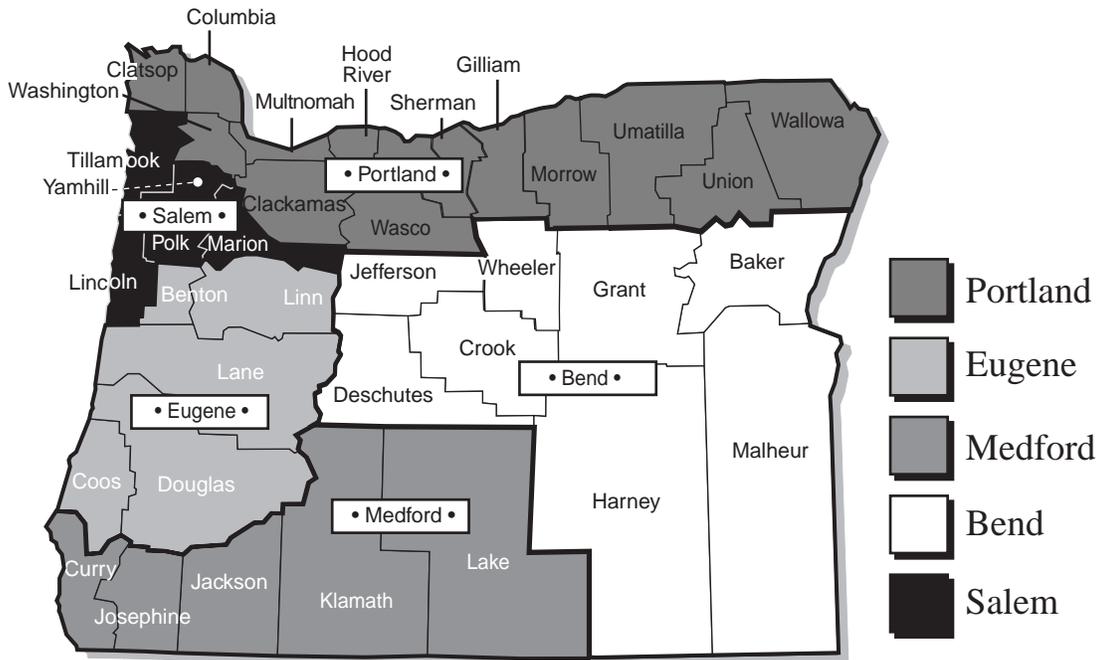
Source: Research & Analysis Section, Oregon Department of Consumer & Business Services, 8/97

Oregon OSHA Occupational Safety Enforcement Offices



Portland (503) 229-5910
Salem (503) 378-3274
Eugene (541) 686-7562
Bend (541) 388-6066
Medford (541) 776-6030
(All numbers are voice/TTY)

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350 Winter St. NE, Room 300
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Related web site for more information concerning
Oregon Occupational Safety and Health Division.

<http://www.cbs.state.or.us/external/osha/index.html>