

Are our workplaces safe?

... *Commuting Accidents* (10th of an 11-Part Series)

Cases of occupational diseases and injuries resulting from commuting accidents are generally excluded from the statistics on occupational injuries. Nevertheless, inquiries on these were included in the 2003/2004 BLES Integrated Survey, conducted last year, to provide added dimension in the analysis of the conditions of workers in their workplaces.

For purposes of the survey, a **commuting accident** is "an accident occurring on the habitual route of a worker, in either direction, between the place of work or work-related training and: (i) the worker's principal or secondary residence; (ii) the place where the worker usually takes his or her meals; or (iii) the place where he or she usually receives his or her remuneration; which results to death or personal injury;" - Resolution concerning statistics of occupational injuries (resulting from occupational accidents) adopted by the 16th International Conference of Labour Statisticians (October 1998).

In 2003, more than 1,000 non-agricultural establishments employing at least 20 workers reported 2,272 commuting accidents that resulted to 2,851 injured workers.

Less than 5 percent of establishments with commuting accidents



There was an estimated 24,154 non-agricultural establishments employing 20 or more workers in 2003. The occurrence of commuting accidents was low at only 4.4 percent or 1,069 establishments during the year. (Table 1)

All major industry groups recorded commuting accidents with manufacturing establishments accounting for a little over one-third (370) of total establishments with commuting accidents. Wholesale and retail trade establishments followed

with 17.4 percent (186) and transport, storage and communication with 9.4 percent (100). Mining and quarrying had the smallest share to total at 0.2 percent (2).

Relative to total establishments in each major industry group, the occurrence of commuting accidents was highest in electricity, gas and water supply at 23.3 percent (97 out of 417), followed by transport, storage and communication at 6.3 percent (100 out of 1,593) then manufacturing at 5.7 percent (370 out of 6,545). Lower rates of occurrence were observed in construction at 1.2 percent (11 out of 898) and other community, social and personal service activities at 1.3 percent (9 out of 669).

Almost half of commuting accidents in manufacturing

During the reference year, 2,851 workers were injured in 2,272 commuting accidents.

A sizeable share of the accidents was noted in manufacturing (46.8%) injuring 1,542 workers (54.1% of total injured). Commuting accidents in this major industry group were largest in food manufacturing (304); manufacture of radio, television and communication equipment and apparatus (156); and manufacture of wearing apparel (129). Correspondingly, the injured workers totaled to 436; 324; and 148. In contrast, there were no commuting accidents in the manufacture of articles of bamboo, cane, rattan, cork and the like, manufacture of plaiting materials; manufacture of coke, refined petroleum and other fuel products; manufacture of cement; and recycling.

Almost 10 percent or 227 of commuting accidents were reported in trade establishments, injuring 232 workers. More than half (125) of the accidents in this major industry group occurred in retail trade, except of motor vehicles and motorcycles, repair of personal and household goods, involving 126 workers. Sale, maintenance and repair of motor vehicles and motorcycles; retail sale of automotive fuel (50 accidents, 52 injured workers) and wholesale trade and commission trade, except of motor vehicles and motorcycles (53

accidents and 54 injured workers) also reported accident cases.

Another 10 percent (225) of commuting accidents was noted in electricity, gas, and water supply which recorded 251 injured workers. The bulk or 78.2 percent (176) of these occurred in electricity, gas, steam and hot water supply affecting 202 workers. Collection, purification and distribution of water had 49 accidents involving 49 workers.

Lesser commuting accidents occurred in two (2) mining and quarrying establishments affecting 9 workers; 20 in other community, social and personal service activities, involving 21 workers; and 21 in health and social work except public medical, dental and other health services involving 21 workers.

Although mining and quarrying had the least number of establishments with commuting accidents, accident cases and injured workers, it had the highest worker-accident ratio among the major industry groups at 4.5. This means that at least four workers were injured in one case of commuting accident.

In the rest of the major industry groups, the number of commuting accidents ranged from 31 affecting 34 workers in construction to 193 in transport, storage and communication involving 222 workers.

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**TABLE 1 - Non-Agricultural Establishments Employing 20 or More Workers With or Without Commuting
Accidents, Number of Commuting Accidents and Number of Workers Injured
by Industry, Philippines: 2003**

1994 PSIC	Industry	Establishments			Number of Commuting Accidents	Number of Workers Injured
		Total	Without Commuting Accidents	With Commuting Accidents		
	Total	24,154	23,085	1,069	2,272	2,851
C	MINING AND QUARRYING	48	46	2	2	9
C10	Metallic Ore Mining	43	41	2	2	9
C11	Non-Metallic Mining and Quarrying	5	5	-	-	-
D	MANUFACTURING	6,545	6,175	370	1,063	1,542
D15 excl.						
D155	Manufacture of Food Products	1,173	1,077	97	304	436
D155	Manufacture of Beverages	117	105	12	25	25
D16	Manufacture of Tobacco Products	14	13	1	8	8
D17	Manufacture of Textiles	284	276	8	21	21
D18	Manufacture of Wearing Apparel	876	823	53	129	148
D191	Tanning and Dressing of Leather; Manufacture of Luggage and Handbags	72	71	1	1	3
D192	Manufacture of Footwear	99	96	3	5	5
D201	Manufacture of Wood, Wood Products and Cork except Furniture	146	142	3	7	22
D202	Manufacture of Articles of Bamboo, Cane, Rattan, Cork and the Like; Manufacture of Plaiting Materials	31	31	-	-	-
D21	Manufacture of Paper and Paper Products	209	191	17	26	40
D22	Publishing, Printing and Reproduction of Recorded Media	396	390	6	12	12
D23	Manufacture of Coke, Refined Petroleum and Other Fuel Products	8	8	-	-	-
D24	Manufacture of Chemicals and Chemical Products	423	413	9	13	15
D251	Manufacture of Rubber Products	102	100	2	2	2
D252	Manufacture of Plastic Products	337	310	27	34	113
D261	Manufacture of Glass and Glass Products	29	27	3	6	7
D262	Manufacture of Cement	31	31	-	-	-
D269	Manufacture of Other Non-Metallic Mineral Products, n.e.c.	178	175	4	6	6
D27	Manufacture of Basic Metals	250	245	5	7	8
D28	Manufacture of Fabricated Metal Products, except Machinery and Equipment	478	459	19	37	37
D29	Manufacture of Machinery and Equipment, n.e.c.	312	304	8	83	83
D30	Manufacture of Office, Accounting and Computing Machinery	20	13	7	61	67
D31	Manufacture of Electrical Machinery and Apparatus, n.e.c.	136	129	7	19	19
D32	Manufacture of Radio, TV and Communication Equipment and Apparatus	186	158	28	156	324
D33	Manufacture of Medical, Precision and Optical Instruments, Watches and Clocks	51	35	16	25	26
D34	Manufacture of Motor Vehicles, Trailers and Semi-Trailers	128	121	8	19	19
D35	Manufacture of Other Transport Equipment	32	26	6	19	31
D36	Manufacture and Repair of Furniture	316	299	17	36	59
D37	Recycling	9	9	-	-	-
D39	Manufacturing, n.e.c.	103	100	3	4	5
E	ELECTRICITY, GAS AND WATER SUPPLY	417	321	97	225	251
E40	Electricity, Gas, Steam and Hot Water Supply	257	175	82	176	202
E41	Collection, Purification and Distribution of Water	161	145	15	49	49
F45	CONSTRUCTION	898	887	11	31	34

Notes: 1. Details will not add up to totals due to rounding of figures.
2. A dash (-) entry implies zero (0) or no case/s reported.

TABLE 1 - Non-Agricultural Establishments Employing 20 or More Workers With or Without Commuting Accidents, Number of Commuting Accidents and Number of Workers Injured by Industry, Philippines: 2003 (Cont'd)

1994 PSIC	Industry	Establishments			Number of Commuting Accidents	Number of Workers Injured
		Total	Without Commuting Accidents	With Commuting Accidents		
G	WHOLESALE AND RETAIL TRADE; REPAIR OF MOTOR VEHICLES, MOTORCYCLES AND PERSONAL AND HOUSEHOLD GOODS	5,595	5,410	186	227	232
G50	Sale, Maintenance and Repair of Motor Vehicles and Motorcycles, Retail Sale of Automotive Fuel	951	915	36	50	52
G51	Wholesale Trade and Commission Trade, Except Motor Vehicles and Motorcycles	1,549	1,498	51	53	54
G52	Retail Trade, Except of Motor Vehicles and Motorcycles, Repair of Personal and Household Goods	3,096	2,997	98	125	126
H55	HOTELS AND RESTAURANTS	2,387	2,291	97	149	150
I	TRANSPORT, STORAGE AND COMMUNICATION	1,593	1,493	100	193	222
I60	Land Transport, Transport Via Pipelines	493	441	52	100	129
I61	Water Transport	99	99	-	-	-
I62	Air Transport	20	19	1	3	3
I63	Supporting and Auxiliary Transport Activities; Activities of Travel Agencies	679	658	21	40	40
I64 excl. I6411	Post and Telecommunications except National Postal Activities	303	277	26	50	50
J	FINANCIAL INTERMEDIATION	1,123	1,066	56	69	75
J65 excl. J65100	Banking Institutions except Central Banking	564	546	19	22	23
J66	Non-Bank Financial Intermediation	303	276	27	27	31
J67	Insurance and Pension Funding, Except Compulsory Social Security	142	141	1	1	2
J68	Activities Auxiliary to Financial Intermediation	113	104	10	19	19
K	REAL ESTATE, RENTING AND BUSINESS ACTIVITIES	2,112	2,062	51	171	181
K70	Real Estate Activities	328	327	1	1	1
K71	Renting of Machinery and Equipment Without Operator, Personal and Household Goods	40	40	-	-	-
K72	Computer and Related Activities	156	154	2	2	7
K73	Research and Development	19	19	-	-	-
K74	Miscellaneous Business Activities	1,569	1,521	48	168	173
M81	PRIVATE EDUCATION SERVICES	2,202	2,124	78	102	113
N85 excl. N8511	HEALTH AND SOCIAL WORK EXCEPT PUBLIC MEDICAL, DENTAL AND OTHER HEALTH SERVICES	563	551	12	21	21
O	OTHER COMMUNITY, SOCIAL AND PERSONAL SERVICE ACTIVITIES	669	660	9	20	21
O90	Sewage and Refuse Disposal, Sanitation and Similar Activities	12	12	-	-	-
O92	Recreational, Cultural and Sporting Activities	518	509	9	20	21
O93	Other Service Activities	140	140	-	-	-

Notes: 1. Details will not add up to totals due to rounding of figures.

2. A dash (-) entry implies zero (0) or no case/s reported.

Source of data: Bureau of Labor and Employment Statistics, 2003/2004 BLES Integrated Survey.