

**Table 2. Number, incidence rate <sup>1</sup>, median days away from work <sup>2</sup> and relative standard errors <sup>3</sup> of occupational injuries and illnesses involving days away from work <sup>4</sup> to selected parts of body with musculoskeletal disorders<sup>5</sup> in selected ownerships for Puerto Rico, 2005**

Ownership	Part of body affected	Total Cases	Incidence Rate	Median Days	Relative Standard Error
private industry	All Parts	6,170	102.3	32	4.0
private industry	1 Neck- Including Throat	60	1.0	90	27.4
private industry	10 Neck- except internal location of diseases or disorders	60	1.0	90	27.4
private industry	2 Trunk	3,800	63.0	37	4.5
private industry	21 Shoulder- including clavicle- scapula	580	9.5	31	9.3
private industry	22 Chest- including ribs- internal organs	20	0.3	9	49.1
private industry	220 Chest- except internal location of diseases or disorders	20	0.3	9	49.1
private industry	23 Back- including spine- spinal cord	2,990	49.5	37	4.8
private industry	230 Back- including spine- spinal cord- unspecified	1,880	31.1	40	5.7
private industry	231 Lumbar region	450	7.5	24	10.3
private industry	232 Thoracic region	30	0.4	22	42.0
private industry	233 Sacral region	450	7.5	28	10.3
private industry	238 Multiple back regions	170	2.8	50	16.5
private industry	24 Abdomen	200	3.3	49	15.3
private industry	241 Internal abdominal location- unspecified	30	0.5	45	38.0
private industry	245 Intestines- peritoneum	160	2.6	49	17.0
private industry	2450 Intestines- peritoneum- unspecified	160	2.6	49	17.0
private industry	25 Pelvic region	20	0.4	40	43.9
private industry	251 Hip(s)	20	0.3	77	49.9
private industry	3 Upper extremities	750	12.4	15	8.2
private industry	31 Arm(s)	300	5.1	13	12.4
private industry	310 Arm(s)- unspecified	230	3.8	13	14.2
private industry	312 Elbow(s)	40	0.6	13	34.2
private industry	318 Multiple arm(s) locations	20	0.4	14	43.6
private industry	32 Wrist(s)	140	2.3	12	18.0
private industry	33 Hand(s)- except finger(s)	210	3.5	27	14.8
private industry	34 Finger(s)- fingernail(s)	20	0.4	32	43.9
private industry	38 Multiple upper extremities locations	70	1.1	86	26.0
private industry	382 Hand(s) and wrist(s)	30	0.5	7	36.9
private industry	389 Multiple upper extremities locations- n.e.c.	30	0.4	180	40.8
private industry	4 Lower extremities	290	4.8	30	12.7

See footnotes at end of table

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Ownership	Part of body affected	Total Cases	Incidence Rate	Median Days	Relative Standard Error
private industry	41 Leg(s)	280	4.6	30	13.0
private industry	410 Leg(s)- unspecified	40	0.7	38	33.5
private industry	411 Thigh(s)	60	0.9	3	28.4
private industry	412 Knee(s)	170	2.9	32	16.3
private industry	8 Multiple Body Parts	1,270	21.1	29	6.6
state government	All Parts	2,250	175.2	38	9.1
state government	1 Neck- Including Throat	70	5.4	127	32.9
state government	10 Neck- except internal location of diseases or disorders	70	5.4	127	32.9
state government	2 Trunk	1,000	78.4	43	11.0
state government	21 Shoulder- including clavicle- scapula	40	3.1	14	42.9
state government	23 Back- including spine- spinal cord	890	69.4	39	11.4
state government	230 Back- including spine- spinal cord- unspecified	230	17.7	55	19.1
state government	231 Lumbar region	430	33.4	27	14.7
state government	233 Sacral region	90	6.9	33	29.3
state government	238 Multiple back regions	140	11.0	69	23.6
state government	24 Abdomen	70	5.1	96	33.9
state government	245 Intestines- peritoneum	50	3.8	96	39.1
state government	2450 Intestines- peritoneum- unspecified	50	3.8	96	39.1
state government	3 Upper extremities	360	28.0	38	15.8
state government	31 Arm(s)	60	4.4	180	36.2
state government	32 Wrist(s)	40	2.9	22	44.4
state government	33 Hand(s)- except finger(s)	240	18.4	38	18.8
state government	38 Multiple upper extremities locations	20	1.4	61	64.2
state government	4 Lower extremities	40	3.0	40	43.8
state government	41 Leg(s)	40	3.0	40	43.8
state government	412 Knee(s)	20	1.6	40	60.2
state government	8 Multiple Body Parts	770	60.4	39	11.9

See footnotes at end of table

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Ownership	Part of body affected	Total Cases	Incidence Rate	Median Days	Relative Standard Error
local government	All Parts	1,050	187.4	32	37.0
local government	2 Trunk	430	77.5	38	38.8
local government	21 Shoulder- including clavicle- scapula	60	10.7	40	54.7
local government	23 Back- including spine- spinal cord	370	65.9	31	39.4
local government	230 Back- including spine- spinal cord- unspecified	60	11.6	11	53.4
local government	231 Lumbar region	300	53.9	48	40.1
local government	3 Upper extremities	70	12.9	32	52.0
local government	31 Arm(s)	60	11.3	32	53.9
local government	4 Lower extremities	250	44.3	28	41.0
local government	41 Leg(s)	190	33.3	22	42.7
local government	412 Knee(s)	190	33.3	22	42.7
local government	8 Multiple Body Parts	290	52.7	31	40.2

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as:  $(N / EH) \times 20,000,000$  where,

N = number of injuries and illnesses,  
 EH = total hours worked by all employees during the calendar year,  
 20,000,000 = base for 10,000 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> Median days away from work is the measure used to summarize the varying lengths of absences from work among the cases with days away from work. Half the cases involved more days and half involved less days than a specified median. Median days away from work are represented in actual values.

<sup>3</sup> Relative standard errors are a measure of the sampling error of an estimate. Sampling errors occur because observations are made on a sample, not on the entire population. Estimates based on the different possible samples of the same size and sample design could differ. Relative standard errors less than 0.05 are not shown.

<sup>4</sup> Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

<sup>5</sup> Includes cases where the nature of injury is: sprains, strains, tears; back pain, hurt back; soreness, pain, hurt, except back; carpal tunnel syndrome; hernia; or musculoskeletal system and connective tissue diseases and disorders and when the event or exposure leading to the injury or illness is: bodily reaction/bending, climbing, crawling, reaching, twisting; overexertion; or repetition. Cases of Raynaud's phenomenon, tarsal tunnel syndrome, and herniated spinal discs are not included. Although these cases may be considered MSD's, the survey classifies these cases in categories that also include non-MSD cases.

NOTE: Dashes indicate data that do not meet publication guidelines or data for incidence rates less than .05 per 10,000 full-time workers. The scientifically selected probability sample used was one of many possible samples, each of which could have produced different estimates. A measure of sampling variability for each estimate is available upon request.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, November 2006