

Table 2. Number, incidence rate¹, median days away from work² and relative standard errors³ of occupational injuries and illnesses involving days away from work⁴ to selected parts of body with musculoskeletal disorders⁵ in selected ownerships for Michigan, 2006

Ownership	Part of body affected	Total Cases	Incidence Rate	Median Days	Relative Standard Error
private industry	All selected parts	9,840	33.0	8	4.3
private industry	1 Neck- Including Throat	160	0.5	7	15.0
private industry	10 Neck- except internal location of diseases or disorders	160	0.5	7	15.0
private industry	2 Trunk	6,910	23.2	7	4.5
private industry	20 Trunk- unspecified	30	0.1	2	32.2
private industry	21 Shoulder- including clavicle- scapula	1,080	3.6	13	6.8
private industry	22 Chest- including ribs- internal organs	130	0.4	2	16.7
private industry	220 Chest- except internal location of diseases or disorders	130	0.4	2	16.7
private industry	23 Back- including spine- spinal cord	4,410	14.8	6	4.8
private industry	230 Back- including spine- spinal cord- unspecified	2,320	7.8	6	5.5
private industry	231 Lumbar region	1,770	5.9	6	5.9
private industry	232 Thoracic region	200	0.7	11	13.8
private industry	238 Multiple back regions	110	0.4	7	17.8
private industry	24 Abdomen	940	3.1	15	7.2
private industry	240 Abdomen- except internal location of diseases or disorders	430	1.4	2	9.7
private industry	241 Internal abdominal location- unspecified	240	0.8	22	12.7
private industry	245 Intestines- peritoneum	260	0.9	26	12.0
private industry	2450 Intestines- peritoneum- unspecified	260	0.9	26	12.1
private industry	25 Pelvic region	240	0.8	6	12.6
private industry	251 Hip(s)	80	0.3	4	20.6
private industry	254 Groin	140	0.5	19	15.9
private industry	28 Multiple trunk locations	80	0.3	5	21.2
private industry	3 Upper extremities	1,650	5.5	14	6.0
private industry	31 Arm(s)	360	1.2	10	10.5
private industry	310 Arm(s)- unspecified	110	0.4	4	18.4
private industry	311 Upper arm(s)	50	0.2	23	25.9
private industry	312 Elbow(s)	150	0.5	9	15.9
private industry	313 Forearm(s)	30	0.1	12	32.4
private industry	32 Wrist(s)	870	2.9	25	7.4
private industry	33 Hand(s)- except finger(s)	140	0.5	7	16.3
private industry	34 Finger(s)- fingernail(s)	100	0.3	21	19.1
private industry	38 Multiple upper extremities locations	190	0.6	5	14.1
private industry	382 Hand(s) and wrist(s)	40	0.1	25	31.0
private industry	389 Multiple upper extremities locations- n.e.c.	150	0.5	5	15.8
private industry	4 Lower extremities	440	1.5	12	9.7
private industry	41 Leg(s)	370	1.2	13	10.4
private industry	410 Leg(s)- unspecified	20	0.1	11	40.3
private industry	411 Thigh(s)	20	0.1	1	46.9
private industry	412 Knee(s)	290	1.0	22	11.6
private industry	413 Lower leg(s)	40	0.1	1	31.1
private industry	42 Ankle(s)	60	0.2	4	24.4
private industry	8 Multiple Body Parts	560	1.9	7	8.7
private industry	9999 Nonclassifiable	120	0.4	1	17.6
state government	All selected parts	220	20.7	6	6.5
state government	2 Trunk	180	17.0	6	7.2
state government	21 Shoulder- including clavicle- scapula	20	2.3	11	20.0
state government	23 Back- including spine- spinal cord	140	13.1	6	8.2
state government	230 Back- including spine- spinal cord- unspecified	110	9.7	6	9.6
state government	231 Lumbar region	20	1.9	6	21.8
state government	3 Upper extremities	30	2.4	36	19.4
state government	32 Wrist(s)	20	1.6	54	23.8

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Ownership	Part of body affected	Total Cases	Incidence Rate	Median Days	Relative Standard Error
local government	All selected parts	1,460	46.5	6	15.2
local government	2 Trunk	1,110	35.3	6	15.5
local government	21 Shoulder- including clavicle- scapula	80	2.6	3	27.9
local government	22 Chest- including ribs- internal organs	80	2.5	4	28.3
local government	220 Chest- except internal location of diseases or disorders	80	2.5	4	28.3
local government	23 Back- including spine- spinal cord	880	28.1	6	15.9
local government	230 Back- including spine- spinal cord- unspecified	410	13.2	5	17.7
local government	231 Lumbar region	460	14.7	7	17.4
local government	24 Abdomen	40	1.1	42	39.1
local government	241 Internal abdominal location- unspecified	20	0.7	42	48.6
local government	25 Pelvic region	30	0.8	3	44.4
local government	3 Upper extremities	160	5.2	61	22.1
local government	31 Arm(s)	50	1.5	3	34.6
local government	310 Arm(s)- unspecified	20	0.8	3	46.2
local government	32 Wrist(s)	90	2.8	61	27.3
local government	4 Lower extremities	120	3.7	3	24.6
local government	41 Leg(s)	100	3.3	3	25.6
local government	412 Knee(s)	100	3.2	3	25.7
local government	8 Multiple Body Parts	60	1.9	83	31.7

¹ 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).

² 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.

³ 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.

⁴ Days away from work cases include those which result in days away from work with or without job transfer or restriction.

⁵ 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 2007