

**Table 1.10.1: Number of Musculoskeletal Diagnoses for Care Received, All Care Facilities, United States
2010/2011**

<u>3-Digit ICD-9-CM</u>	<u>Description</u>	Number of Diagnoses (in 000s) [1]				Total
		Hospital [2]	Physician Office [3]	Outpatient [4]	Emergency Department [5]	
724	Other and unspecified disorders of back	1,579.8	28,975.1	2,485.0	6,306.2	39,346.1
719	Other and unspecified disorders of joint	504.6	20,727.4	1,843.4	3,715.7	26,791.1
729	Other disorders of soft tissue	1,001.3	13,586.1	1,630.9	4,480.8	20,699.1
715	Osteoarthritis and allied disorders	2,815.3	8,860.4	502.3	1,661.1	13,839.1
722	Intervertebral disc disorders	852.0	11,110.4	479.3	812.9	13,254.6
733	Other disorders of bone and cartilage (Osteoporosis; pathologic fracture, cyst, necrosis of bone, malunion and nonunion of fracture)	1,701.6	7,960.4	635.7	1,701.9	11,999.6
726	Peripheral enthesopathies and allied syndromes	148.5	10,294.5	485.0	394.4	11,322.4
723	Other disorder of cervical region	230.6	8,030.9	536.7	1,591.8	10,390.0
727	Synovitis & tenosynovitis	117.1	6,677.9	424.4	271.1	7,490.5
716	Other and unspecified arthroplasties	457.5	5,011.0	257.5	788.4	6,514.4
354	Mononeuritis of upper limb and mononeuritis multiplex	39.4	5,886.1	208.3	88.3	6,222.1
714	Rheumatoid arthritis and other inflammatory polyarthropathies	553.7	4,544.8	217.2	557.0	5,872.7
847	Sprains and strains of other and unspecified parts of back	12.3	3,369.1	88.5	1,740.1	5,210.0
836	Dislocation of knee	15.0	4,938.1	121.1	91.8	5,166.0
959	Injury, other and unspecified (to musculoskeletal system)	45.6	3,282.8	336.6	1,361.1	5,026.1
924	Contusion of lower limb and of other and unspecified sites	122.2	2,211.6	194.7	2,291.2	4,819.7
728	Disorders of muscle, ligament, and fascia	458.2	3,238.6	337.7	752.8	4,787.3
845	Sprains and strains of ankle and foot	27.9	2,666.9	281.1	1,604.0	4,579.9
840	Sprains and strains of shoulder and upper arm	28.7	3,721.0	151.1	666.6	4,567.4
721	Spondylosis and allied disorders	489.9	3,147.8	275.8	535.2	4,448.7
813	Fracture of radius and ulna (Upper end, closed)	98.9	2,622.6	258.7	766.4	3,746.6
844	Sprains and strains of knee and leg	23.0	2,244.2	162.8	802.4	3,232.4
737	Curvature of spine	235.1	1,773.3	311.3	248.9	2,568.6
842	Sprains and strains of wrist and hand	6.2	1,439.1	111.3	748.2	2,304.8
824	Fracture of ankle	125.2	1,469.4	134.9	431.0	2,160.5
923	Contusion of upper limb	58.2	*	135.9	1,819.6	2,013.7
V43.6	Organ or tissue replaced by other means (joint)	1,218.5	*	*	794.0	2,012.5
922	Contusion of trunk	74.7	*	*	1,368.0	1,442.7
883	Open wound of finger(s)	24.9	*	*	1,375.6	1,400.5
203	Multiple myeloma and immunoproliferative neoplasms	100.8	968.1	123.0	79.7	1,271.6
739	Nonallopathic lesions, not elsewhere classified	5.8	741.8	*	4.0	751.6
891	Open wound of knee, leg [except thigh], and ankle	51.2	*	168.6	508.3	728.1
812	Fracture of humerus (Upper end, closed)	106.6	*	226.8	355.3	688.7
882	Open wound of hand except finger(s) alone	27.9	*	*	641.3	669.2
820	Fracture of neck of femur (transcervical fracture, closed)	340.5	*	*	328.4	668.9
881	Open wound of elbow, forearm, and wrist	66.1	*	*	586.5	652.6
807	Fracture of vertebral column with mention of spinal cord injury	176.5	*	*	412.7	589.2
816	Fracture of one or more phalanges of hand (Closed)	20.4	*	97.9	431.1	549.4
710	Diffuse diseases of connective tissue	195.8	*	*	307.4	503.2
198	Secondary malignant neoplasm of bone and bone marrow	285.1	*	*	211.0	496.1
730	Acute osteomyelitis	297.3	*	*	175.7	473.0
805	Fracture of vertebral column without mention of spinal cord injury	170.6	*	*	281.8	452.4
825	Fracture of one or more tarsal and metatarsal bones	42.0	*	91.5	282.3	415.8
892	Open wound of foot except toe(s) alone	15.9	*	85.5	292.2	393.6
V54	Other orthopaedic aftercare	220.9	*	*	161.2	382.1
848	Other and ill-defined sprains and strains	6.5	*	*	375.5	382.0
823	Fracture of tibia & fibula, upper end (closed)	94.9	*	63.8	204.7	363.4
815	Fracture of metacarpal bone(s) (Closed)	16.2	*	55.9	288.0	360.1
274	Gout; Gouty arthroplathy	140.1	*	*	205.2	345.3
846	Sprains and strains of sacroiliac region	2.6	*	*	337.3	339.9
736	Acquired deformities of forearm	128.6	*	111.6	60.0	300.2
996	Complications peculiar to certain specified procedures	183.6	*	*	67.4	251.0
808	Fracture of pelvis (Acetabulum, closed)	105.3	*	*	141.5	246.8

**Table 1.10.1: Number of Musculoskeletal Diagnoses for Care Received, All Care Facilities, United States
2010/2011**

<u>3-Digit ICD-9-CM</u>	<u>Description</u>	Number of Diagnoses (in 000s) [1]				Total
		Hospital [2]	Physician Office [3]	Outpatient [4]	Emergency Department [5]	
810	Fracture of clavicle (closed)	34.8	*	*	190.5	225.3
831	Dislocation of shoulder	12.3	*	*	208.4	220.7
826	Fracture of one or more phalanges of foot	12.8	*	*	200.4	213.2
755	Other congenital anomalies of limbs (Polydactyly)	44.2	*	142.3	12.6	199.1
718	Other derangement of joint	79.4	*	56.7	61.0	197.1
135	Sarcoidosis	84.3	*	*	104.6	188.9
843	Sprains and strains of hip and thigh	7.9	*	*	166.7	174.6
893	Open wound of toe(s)	7.8	*	26.1	140.6	174.5
731	Osteitis deformans and osteopathies associated with other disorders classified elsewhere	113.0	*	*	60.2	173.2
725	Polymyalgia rheumatica	94.3	*	*	77.5	171.8
754	Certain congenital musculoskeletal deformities	37.1	*	116.7	12.2	166.0
821	Fracture of other and unspecified parts of femur (Shaft or unspecified part, closed)	69.9	*	*	91.1	161.0
741	Spina bifida	31.2	*	81.2	45.3	157.7
738	Other acquired deformity (of musculoskeletal system), spondylolisthesis	117.8	*	*	29.7	147.5
841	Sprains and strains of elbow and forearm	2.2	*	*	124.1	126.3
890	Open wound of hip and thigh	13.0	*	*	104.6	117.6
756	Other congenital musculoskeletal anomalies	71.6	*	*	44.1	115.7
814	Fracture of carpal bone(s) (Closed)	8.9	*	*	105.7	114.6
711	Arthropathy associated with infections	69.5	*	*	43.6	113.1
880	Open wound of shoulder and upper arm	12.3	*	*	89.1	101.4
879	Open wound of other and unspecified sites (except limbs)	17.5	*	*	81.5	99.0
927	Crushing injury of upper limb	3.7	*	*	92.4	96.1
717	Internal derangement of knee	24.1	*	*	58.8	82.9
834	Dislocation of finger	3.2	*	*	66.4	69.6
822	Fracture of patella	17.2	*	*	51.3	68.5
720	Ankylosing spondylitis and other inflammatory spondylopathies	25.0	*	*	32.5	57.5
811	Fracture of scapula (closed)	19.1	*	*	36.2	55.3
886	Traumatic amputation of other finger(s)	4.3	*	*	46.1	50.4
713	Arthropathy associated with other disorders classified elsewhere	33.8	*	*	16.4	50.2
884	Multiple and unspecified open wound of upper limb	7.9	*	*	42.2	50.1
171	Malignant neoplasm of connective and other soft tissue	30.0	*	*	13.3	43.3
875	Open wound of chest (wall)	6.5	*	*	33.6	40.1
170	Malignant neoplasm of bone and articular cartilage	24.4	*	*	10.7	35.1
712	Crystal arthropathies	17.7	*	*	17.3	35.0
832	Dislocation of elbow	2.4	*	*	32.0	34.4
928	Crushing injury of lower limb	4.0	*	*	29.6	33.6
876	Open wound of back	4.9	*	*	28.5	33.4
955	Injury to peripheral nerve(s) of shoulder girdle and upper limb	9.5	*	*	22.6	32.1
735	Acquired deformities of toe	17.0	*	*	13.3	30.3
732	Osteochondropathies	9.8	*	*	15.7	25.5
877	Open wound of buttock	6.0	*	*	19.5	25.5
839	Other, multiple, and ill-defined dislocations	10.0	*	*	15.1	25.1
806	Fracture of vertebral column with mention of spinal cord injury	11.1	*	*	12.8	23.9
835	Dislocation of hip	4.0	*	*	13.9	17.9
894	Multiple and unspecified open wound of lower limb	4.0	*	*	12.9	16.9
838	Dislocation of foot	2.7	*	*	13.5	16.2
215	Other benign neoplasm of connective and other soft tissue	7.5	*	*	6.9	14.4
238	Neoplasm of uncertain behavior of other and unspecified sites and tissues; Connective and other soft tissue; Bone soft tissue and skin	8.4	*	*	4.0	12.4
213	Benign neoplasm of bone and articular cartilage	6.4	*	*	5.5	11.9
833	Dislocation of wrist	2.1	*	*	8.4	10.5
837	Dislocation of ankle	2.4	*	*	7.8	10.2
885	Traumatic amputation of thumb	1.4	*	*	8.0	9.4

Table 1.10.1: Number of Musculoskeletal Diagnoses for Care Received, All Care Facilities, United States 2010/2011

3-Digit ICD-9-CM	Description	Number of Diagnoses (in 000s) [1]				Total
		Hospital [2]	Physician Office [3]	Outpatient [4]	Emergency Department [5]	
734	Flat foot	5.4	*	*	3.6	9.0
956	Injury to peripheral nerve(s) of pelvic girdle and lower limb	3.9	*	*	4.6	8.5
817	Multiple fractures of hand bones	1.3	*	*	6.1	7.4
239.2	Neoplasms of unspecified nature; Bone soft tissue and skin	2.8	*	*	4.0	6.8
829	Fractures of unspecified bones	0.9	*	*	3.0	3.9
926	Crushing injury of trunk	1.1	*	*	2.6	3.7
895	Traumatic amputation of toe(s)	0.9	*	*	2.1	3.0
827	Other, multiple, and ill-defined fractures of lower limb	*	*	*	1.9	1.9
818	Ill-defined fractures of upper limb	*	*	*	1.6	1.6
897	Traumatic amputation of leg(s) (complete) (partial)	0.6	*	*	0.9	1.5
V67	Follow-up examination, following surgery	0.2	*	*	1.3	1.5
887	Traumatic amputation of arm and hand (complete) (partial)	0.5	*	*	0.9	1.4
929	Crushing injury of multiple and unspecified sites	*	*	*	0.9	0.9
954	Injury to other nerve(s) of trunk, excluding shoulder and pelvic girdles	0.3	*	*	0.4	0.7
809	Ill-defined fractures of bones and trunk	0.4	*	*	*	0.4
896	Traumatic amputation of foot (complete) (partial)	*	*	*	0.4	0.4
819	Multiple fractures involving both upper limbs, and upper limb with rib(s) and sternum	*	*	*	0.2	0.2
All Musculoskeletal diagnoses		11,198.8	161,352.5	13,968.4	37,063.7	223,583.4
All diagnoses		38,560.8	1,008,802.0	100,742.1	128,961.4	1,277,066.3
Musculoskeletal diagnoses as proportion of all diagnoses		29.0%	16.0%	13.9%	28.7%	17.5%

* Does not meet standards for reliability.

[1] Includes all possible diagnoses. The number of diagnosis variables varies in the databases (NIS up to 25; NAMCS up to 15; NHAMCS_OP up to 3, NEDS up to 15).

[2] Source: HCUP Nationwide Inpatient Sample (NIS). Healthcare Cost and Utilization Project (HCUP). 2011. Agency for Healthcare Research and Quality, Rockville, MD. www.hcup-us.ahrq.gov/nisoverview.jsp.

[3] Source: National Ambulatory Medical Care Survey (NAMCS), 2010. www.cdc.gov/nchs/ahcd/ahcd_questionnaires.htm. April 23, 2013.

[4] Source: National Hospital Ambulatory Medical Care Survey_Outpatient Department (NHAMCS_OP), 2010. www.cdc.gov/nchs/ahcd/ahcd_questionnaires.htm. April 23, 2013.

[5] Source: HCUP Nationwide Emergency Department Sample (NEDS). Healthcare Cost and Utilization Project (HCUP). 2010. Agency for Healthcare Research and Quality, Rockville, MD. www.hcup-us.ahrq.gov/nedsoverview.jsp.