

Appendix C

Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
1	Infectious and parasitic diseases	1 2 3 4 5 6 7 - 8 9 10						
1.1	Bacterial infection	1 2 3 9 -						
1.1.1	Tuberculosis	1 -						
1.1.2	Septicemia (except in labor)	2 -						
1.1.2.1	Streptococcal septicemia	-	0380					
1.1.2.2	Staphylococcal septicemia	-	0381	03810	03811	03819		
1.1.2.3	E. Coli septicemia	-	03842					
1.1.2.4	Other gram negative septicemia	-	03840	03841	03843	03844	03849	
1.1.2.5	Other specified septicemia	-	0031 0545	0202	0223	0362	0382	0383
1.1.2.6	Unspecified septicemia	-	0388	0389	7907			
1.1.3	Sexually transmitted infections (not HIV or hepatitis)	9 -						
1.1.4	Other bacterial infections	3 -						
1.2	Mycoses	4 -						
1.2.1	Candidiasis of the mouth (thrush)	-	1120					
1.2.2	Other mycoses	-	1100	1101	1102	1103	1104	1105
			1106	1108	1109	1110	1111	1112
			1113	1118	1119	1121	1122	1123
			1125	11282	11284	11285	11289	1129
			1141	1143	1149	11500	11509	11510
			11519	11590	11599	1160	1161	1162
			1170	1171	1172	1173	1174	1175
			1176	1177	1178	1179	118	
1.3	Viral infection	5 6 7 -						
1.3.1	HIV infection	5 -						
1.3.2	Hepatitis	6 -						
1.3.3	Other viral infections	7 -						
1.3.3.1	Herpes zoster infection	-	05310 05379	05311 0538	05312 0539	05313	05319	05371

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1.3.3.2	Herpes simplex infection	-	0540 0542 0549	05410 0546	05411 05471	05412 05473	05413 05479	05419 0548
1.3.3.3	Other and unspecified viral infection	-	0500 0512 0558 0569 0609 0654 0664 07271 0738 075 0782 07881 0792 07959 0799	0501 0519 0559 0570 061 0658 0668 07272 0739 0780 0783 07882 0793 0796 07998	0502 0527 05600 0578 0650 0659 0669 07279 0740 0781 0784 07888 0794 0798 07999	0509 0528 05609 0579 0651 0660 071 0728 0741 07810 0785 07889 07950 07981 7908	0510 0529 05679 0600 0652 0661 0720 0729 0743 07811 0786 0790 07951 07988	0511 05579 0568 0601 0653 0663 0723 0737 0748 07819 0787 0791 07952 07989
1.4	Other infections, including parasitic	8	-					
1.5	Immunizations and screening for infectious disease	10	-					
2	Neoplasms	11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	-					
2.1	Colorectal cancer	14 15	-					
2.1.1	Cancer of colon	14	-					
2.1.2	Cancer of rectum and anus	15	-					
2.2	Other gastrointestinal cancer	12 13 16 17 18	-					
2.2.1	Cancer of esophagus	12	-					
2.2.2	Cancer of stomach	13	-					

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Diagnosis category		CCS code	ICD-9-CM code
2.2.3	Cancer of liver and intrahepatic bile duct	16	-
2.2.4	Cancer of pancreas	17	-
2.2.5	Cancer of other GI organs, peritoneum	18	-
2.3	Cancer of bronchus, lung	19	-
2.4	Cancer of skin	22 23	-
2.4.1	Melanomas of skin	22	-
2.4.2	Other non-epithelial cancer of skin	23	-
2.5	Cancer of breast	24	-
2.6	Cancer of uterus and cervix	25 26	-
2.6.1	Cancer of uterus	25	-
2.6.2	Cancer of cervix	26	-
2.7	Cancer of ovary and other female genital organs	27 28	-
2.7.1	Cancer of ovary	27	-
2.7.2	Cancer of other female genital organs	28	-
2.8	Cancer of male genital organs	29 30 31	-
2.8.1	Cancer of prostate	29	-
2.8.2	Cancer of testis	30	-
2.8.3	Cancer of other male genital organs	31	-
2.9	Cancer of urinary organs	32 33 34	-
2.9.1	Cancer of bladder	32	-
2.9.2	Cancer of kidney and renal pelvis	33	-
2.9.3	Cancer of other urinary organs	34	-
2.10	Cancer of lymphatic and hematopoietic tissue	37 38 39 40	-
2.10.1	Hodgkin's disease	37	-

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2.10.2	Non-Hodgkin's lymphoma	38	-							
2.10.3	Leukemias	39	-							
2.10.4	Multiple myeloma	40	-							
2.11	Cancer, other primary	11 20 21 35 36 41	-							
2.11.1	Cancer of head and neck	11	-							
2.11.2	Cancer, other respiratory and intrathoracic	20	-							
2.11.3	Cancer of bone and connective tissue	21	-							
2.11.4	Cancer of brain and nervous system	35	-							
2.11.5	Cancer of thyroid	36	-							
2.11.6	Cancer, other and unspecified primary	41	-							
2.12	Secondary malignancies	42	-							
2.12.1	Secondary malignancy of lymph nodes	-	1960 1968	1961 1969	1962	1963	1965	1966		
2.12.2	Secondary malignancy of lung	-	1970							
2.12.3	Secondary malignancy of liver	-	1977							
2.12.4	Secondary malignancy of brain/spine	-	1983							
2.12.5	Secondary malignancy of bone	-	1985							
2.12.6	Other secondary malignancy	-	1971 1978 1987	1972 1980 19881	1973 1981 19882	1974 1982 19889	1975 1984	1976 1986		
2.13	Malignant neoplasm without specification of site	43	-							
2.14	Neoplasms of unspecified nature or uncertain behavior	44	-							
2.15	Maintenance chemotherapy, radiotherapy	45	-							

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2.15.1	Radiotherapy	-	V580	V661	V671		
2.15.2	Chemotherapy	-	V581	V662	V672		
2.16	Benign neoplasms	46 47	-				
2.16.1	Benign neoplasm of uterus	46	-				
2.16.2	Other and unspecified benign neoplasm	47	-				
2.16.2.1	Benign neoplasm of ovary	-	220				
2.16.2.2	Benign neoplasm of colon	-	2113	2114	V1272		
2.16.2.3	Benign neoplasm of the thyroid	-	226				
2.16.2.4	Benign neoplasm of cerebral meninges	-	2252				
2.16.2.5	Other and unspecified benign neoplasms	-	2100	2101	2102	2103	2104
			2106	2107	2108	2109	2110
			2112	2115	2116	2117	2118
			2120	2121	2122	2123	2124
			2126	2127	2128	2129	2130
			2132	2133	2134	2135	2136
			2138	2139	2140	2141	2142
			2144	2148	2149	2150	2152
			2154	2155	2156	2157	2158
			2160	2161	2162	2163	2164
			2166	2167	2168	2169	217
			2211	2212	2218	2219	2220
			2222	2223	2224	2228	2229
			2231	2232	2233	22381	22389
			2240	2241	2242	2243	2244
			2246	2247	2248	2249	2250
			2253	2254	2258	2259	2270
			2273	2274	2275	2276	2278
			22800	22801	22802	22803	22804
			2281	2290	2298	2299	
3	Endocrine, nutritional, and metabolic diseases and immunity disorders	48 49 50 51 - 52 53 54 55 56 57 58					
3.1	Thyroid disorders	48	-				

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3.1.1	Thyrotoxicosis with or without goiter	-	24200 24230 24290	24201 24231 24291	24210 24240	24211 24241	24220 24280	24221 24281
3.1.2	Other thyroid disorders	-	2400 2440 2450 2459 2469	2409 2441 2451 2460 7945	2410 2442 2452 2461	2411 2443 2453 2462	2419 2448 2454 2463	243 2449 2458 2468
3.2	Diabetes mellitus without complication	49	-					
3.3	Diabetes mellitus with complications	50	-					
3.3.1	Diabetes with ketoacidosis or uncontrolled diabetes	-	25002	25003	25010	25011	25012	25013
3.3.2	Diabetes with renal manifestations	-	25040	25041	25042	25043		
3.3.3	Diabetes with ophthalmic manifestations	-	25050	25051	25052	25053		
3.3.4	Diabetes with neurological manifestations	-	25060	25061	25062	25063		
3.3.5	Diabetes with circulatory manifestations	-	25070	25071	25072	25073		
3.3.6	Diabetes with unspecified complications	-	25090	25091				
3.3.7	Diabetes with other manifestations	-	25020 25032 25092	25021 25033 25093	25022 25080	25023 25081	25030 25082	25031 25083
3.4	Other endocrine disorders	51	-					
3.5	Nutritional deficiencies	52	-					
3.5.1	Unspecified protein-calorie malnutrition	-	2639					
3.5.2	Other malnutrition	-	260 2638 2645 2651 267 2691 V121	261 2640 2646 2652 2680 2692	262 2641 2647 2660 2681 2693	2630 2642 2648 2661 2682 2698	2631 2643 2649 2662 2689 2699	2632 2644 2650 2669 2690 7994

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Diagnosis category		CCS code	ICD-9-CM code					
3.6 Disorders of lipid metabolism	53	-						
3.7 Gout and other crystal arthropathies	54	-						
3.8 Fluid and electrolyte disorders	55	-						
3.8.1 Hyposmolality	-	2761						
3.8.2 Hypovolemia	-	2765						
3.8.3 Hyperpotassemia	-	2767						
3.8.4 Hypopotassemia	-	2768						
3.8.5 Other fluid and electrolyte disorders	-	2760	2762	2763	2764	2766	2769	
3.9 Cystic fibrosis	56	-						
3.10 Immunity disorders	57	-						
3.11 Other nutritional, endocrine, and metabolic disorders	58	-						
3.11.1 Disorders of mineral metabolism	-	2750 27541	2751 27542	2752 27549	2753 2758	2754 2759	27540	
3.11.2 Obesity	-	2780	27800	27801				
3.11.3 Other and unspecified metabolic, nutritional, and endocrine disorders	-	2700 2706 2712 2726 2732 2773 2781 7832 78341 7947	2701 2707 2713 2727 2733 2774 2782 78321 78342 7957	2702 2708 2714 2728 2738 2775 2783 78322 78343 79579	2703 2709 2718 2729 2739 2776 2784 7833 7835 V122	2704 2710 2719 2730 2771 2778 2788 7834 7837	2705 2711 2725 2731 2772 2779 7831 78340 7839	
4 Diseases of the blood and blood-forming organs	59 60 61 62 63 64	-						
4.1 Anemia	59 60 61	-						
4.1.1 Acute posthemorrhagic anemia	60	-						
4.1.2 Sickle cell anemia	61	-						

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Diagnosis category		CCS code	ICD-9-CM code					
4.1.3	Deficiency and other anemia	59	-					
4.1.3.1	Iron deficiency anemia	-	2801	2808	2809			
4.1.3.2	Other deficiency anemia	-	2810 2819	2811	2812	2813	2814	2818
4.1.3.3	Aplastic anemia	-	2840	2848	2849			
4.1.3.4	Chronic blood loss anemia	-	2800					
4.1.3.5	Acquired hemolytic anemia	-	2830 2839	2831	28310	28311	28319	2832
4.1.3.6	Other specified anemia	-	2820 2828 2858	2821 2829	2822 2850	2823 28521	2824 28522	2827 28529
4.1.3.7	Anemia, unspecified	-	2859					
4.2	Coagulation and hemorrhagic disorders	62	-					
4.2.1	Coagulation defects	-	2860 2866	2861 2867	2862 2869	2863	2864	2865
4.2.2	Thrombocytopenia	-	2873	2874	2875			
4.2.3	Other coagulation and hemorrhagic disorders	-	2870	2871	2872	2878	2879	7827
4.3	Diseases of white blood cells	63	-					
4.4	Other hematologic conditions	64	-					
5	Mental disorders	65 66 67 68 69 70 71 72 73 74 75	-					
5.1	Mental retardation	65	-					
5.2	Alcohol and substance-related mental disorders	66 67	-					
5.2.1	Alcohol-related mental disorders	66	-					
5.2.1.1	Acute alcoholic intoxication	-	30300	30301	30302	30303		
5.2.1.2	Other and unspecified alcohol dependence	-	30390	30391	30392	30393		
5.2.1.3	Nondependent alcohol abuse	-	30500	30501	30502	30503		

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5.2.1.4	Other alcohol-related mental disorders	-	2910 2918	2911 29181	2912 29189	2913 2919	2914	2915	
5.2.2	Substance-related mental disorders	67	-						
5.2.2.1	Opioid dependence	-	30400	30401	30402	30403			
5.2.2.2	Cocaine dependence	-	30420	30421	30422	30423			
5.2.2.3	Other, combined, and unspecified drug dependence	-	30410 30432 30450 30462 30480 30492	30411 30433 30451 30463 30481 30493	30412 30440 30452 30470 30482	30413 30441 30453 30471 30483	30430 30442 30460 30472 30490	30431 30443 30461 30473 30491	
5.2.2.4	Cocaine abuse	-	30560	30561	30562	30563			
5.2.2.5	Other, mixed, or unspecified drug abuse	-	30520 30532 30550 30572 30590	30521 30533 30551 30573 30591	30522 30540 30552 30580 30592	30523 30541 30553 30581 30593	30530 30542 30570 30582	30531 30543 30571 30583	
5.2.2.6	Other substance-related mental disorders	-	2920 29283 30511	29211 29284 30512	29212 29289	2922 2929 V1582	29281 3051	29282 30510	
5.3	Senility and organic mental disorders	68	-						
5.3.1	Senile dementia, uncomplicated	-	2900						
5.3.2	Arteriosclerotic dementia	-	29040	29041	29042	29043			
5.3.3	Transient organic psychotic conditions	-	2930 29389	2931 2939	29381	29382	29383	29384	
5.3.4	Specific nonpsychotic mental disorders due to organic brain damage	-	3100	3101	3102	3108	3109		
5.3.5	Presenile dementia, uncomplicated	-	29010						
5.3.6	Senile dementia with delirium	-	2903						

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5.3.7	Other senility and organic mental disorders	-	29011 2909 2949	29012 2940 3310	29013 2941 3311	29020 29410 3312	29021 29411 797	2908 2948
5.4	Affective disorders	69	-					
5.4.1	Major depressive disorder, single episode	-	29620 29626	29621	29622	29623	29624	29625
5.4.2	Major depressive disorder, recurrent episode	-	29630 29636	29631	29632	29633	29634	29635
5.4.3	Neurotic depression	-	3004					
5.4.4	Bipolar affective disorder	-	29640 29646 29655 29664	29641 29650 29656 29665	29642 29651 29660 29666	29643 29652 29661 2967	29644 29653 29662	29645 29654 29663
5.4.5	Manic-depressive psychosis	-	29680	29681	29682	29689		
5.4.6	Other affective disorders	-	29600 29606 29615 30113	29601 29610 29616	29602 29611 29690	29603 29612 29699	29604 29613 2980	29605 29614 30111
5.5	Schizophrenia and related disorders	70	-					
5.5.1	Paranoid schizophrenia	-	29530	29531	29532	29533	29534	29535
5.5.2	Schizo-affective type	-	29570	29571	29572	29573	29574	29575
5.5.3	Other schizophrenia	-	29500 29510 29520 29540 29550 29560 29580 29590 29900 29990	29501 29511 29521 29541 29551 29561 29581 29591 29901 29991	29502 29512 29522 29542 29552 29562 29582 29592 29910	29503 29513 29523 29543 29553 29563 29583 29593 29911	29504 29514 29524 29544 29554 29564 29584 29594 29980	29505 29515 29525 29545 29555 29565 29585 29595 29981
5.6	Other psychoses	71	-					
5.7	Anxiety, somatoform, dissociative, and personality disorders	72	-					
5.7.1	Anxiety states	-	30000	30001	30002	30009		

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5.7.2	Personality disorders	-	3010 3013 3017 3019	30110 3014 30181	30112 30150 30182	30120 30151 30183	30121 30159 30184	30122 3016 30189
5.7.3	Other anxiety, somatoform, dissociative, and personality disorders	-	30010 30016 30029 30082 30745 30789 3084 31233	30011 30019 3003 30740 30747 3079 3089 31234	30012 30020 3005 30741 30748 3080 30981 31235	30013 30021 3006 30742 30749 3081 31230 31239	30014 30022 3007 30743 30780 3082 31231	30015 30023 30081 30744 30781 3083 31232
5.8	Preadult disorders	73	-					
5.9	Other mental conditions	74	-					
5.9.1	Adjustment reaction	-	3090 30929 3099	3091 3093	30922 3094	30923 30982	30924 30983	30928 30989
5.9.1.1	Brief depressive reaction	-	3090					
5.9.1.2	Other adjustment reaction	-	3091 3093	30922 3094	30923 30982	30924 30983	30928 30989	30929 3099
5.9.2	Depressive disorder, not elsewhere classified	-	311					
5.9.3	Other and unspecified mental conditions	-	30089 30250 30271 30279 30289 3064 3066 30720 30750 3076 31381 31501 31532 316	3009 30251 30272 30281 3029 30650 3067 30721 30751 3077 31382 31502 31539 7801	3021 30252 30273 30282 3060 30651 3068 30722 30752 3131 31383 31509 3154	3022 30253 30274 30283 3061 30652 3069 30723 30753 31322 31389 3151 3155	3023 3026 30275 30284 3062 30653 3070 3073 30754 31323 3139 3152 3158	3024 30270 30276 30285 3063 30659 3071 30746 30759 3133 31500 31531 3159

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Diagnosis category		CCS code	ICD-9-CM code					
5.10	Personal history of mental disorder, screening for mental condition	75	-					
6	Diseases of the nervous system and sense organs	76 77 78 79	-					
		80 81 82 83						
		84 85 86 87						
		88 89 90 91						
		92 93 94 95						
6.1	Central nervous system infection	76 77 78	-					
6.1.1	Meningitis (except that caused by TB or STD)	76	-					
6.1.2	Encephalitis (except that caused by TB or STD)	77	-					
6.1.3	Other CNS infection and poliomyelitis	78	-					
6.2	Hereditary and degenerative nervous system conditions	79 80 81	-					
6.2.1	Parkinson's disease	79	-					
6.2.2	Multiple sclerosis	80	-					
6.2.3	Other hereditary and degenerative nervous system conditions	81	-					
6.2.3.1	Disorders of the autonomic nervous system	-		3370	3371	3373	3379	
6.2.3.2	Other and unspecified hereditary and degenerative nervous conditions	-		3300	3301	3302	3303	3308 3309
				3313	3314	3317	33181	33189 3319
				3330	3331	3332	3333	3334 3335
				3336	3337	33381	33382	33383 33384
				33389	33390	33391	33392	33393 33399
				3340	3341	3342	3343	3344 3348
				3349	3350	33510	33511	33519 33520
				33521	33522	33523	33524	33529 3358
				3359	3360	3361	3362	3363 3368
				3369				
6.3	Paralysis	82	-					

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6.3.1	Hemiplegia	-	3420 34211 34290	34200 34212 34291	34201 34280 34292	34202 34281	3421 34282	34210 3429
6.3.2	Other paralysis	-	3430 3439 34404 34431 3445 7814	3431 3440 34409 34432 34460	3432 34400 3441 3444 3448	3433 34401 3442 34440 34481	3434 34402 3443 34441 34489	3438 34403 34430 34442 3449
6.4	Epilepsy, convulsions	83	-					
6.4.1	Epilepsy	-	3450 3452 34550 34570 34590	34500 3453 34551 34571 34591	34501 3454 3456 3458	3451 34540 34560 34580	34510 34541 34561 34581	34511 3455 3457 3459
6.4.2	Convulsions	-	7803	78031	78039			
6.5	Headache, including migraine	84	-					
6.5.1	Migraine	-	3460 3462 3469	34600 34620 34690	34601 34621 34691	3461 3468	34610 34680	34611 34681
6.5.2	Other headache	-	7840					
6.6	Coma, stupor, and brain damage	85	-					
6.7	Eye disorders	86 87 88 89 90 91	-					
6.7.1	Cataract	86	-					
6.7.2	Retinal detachments, defects, vascular occlusion, and retinopathy	87	-					
6.7.2.1	Retinal detachment with defect	-	36100 36106	36101 36107	36102	36103	36104	36105

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6.7.2.2	Other retinal detachment or defect	-	36110 36112 36189	36111 36130 3619	36112 36131 36132	36113 36132 36133	36114 36133	36119 36181	
6.7.2.3	Other retinal disorders	-	36201 36214 36229 36235 36243 36255 36263 36272 36281 3629	36202 36215 36230 36236 36250 36256 36264 36273 36282	36210 36216 36231 36237 36251 36257 36265 36274 36283	36211 36217 36232 36240 36252 36260 36266 36275 36284	36212 36218 36233 36241 36253 36261 36270 36276 36285	36213 36221 36234 36242 36254 36262 36271 36277 36289	
6.7.3	Glaucoma	88	-						
6.7.4	Blindness and vision defects	89	-						
6.7.5	Inflammation, infection of eye (except that caused by TB or STD)	90	-						
6.7.6	Other eye disorders	91	-						
6.8	Ear conditions	92 93 94	-						
6.8.1	Otitis media and related conditions	92	-						
6.8.1.1	Suppurative and unspecified otitis media	-	38200 3824	38201 3829	38202	3821	3822	3823	
6.8.1.2	Other otitis media and related conditions	-	0552 38105 3813 38161 3819 38321 38381 38423 38500 38511 38523 3879	38100 38106 3814 38162 38300 38322 38389 38424 38501 38512 38524	38101 38110 38150 38163 38301 38330 3839 38425 38502 38513 3870	38102 38119 38151 3817 38302 38331 38420 38503 38519 3871	38103 38120 38152 38181 3831 38332 38421 38509 38521 3872	38104 38129 38160 38189 38320 38333 38422 3849 38510 38522 3878	
6.8.2	Conditions associated with dizziness or vertigo	93	-						
6.8.3	Other ear and sense organ disorders	94	-						

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C

Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
6.9	Other nervous system disorders	95	-					
6.9.1	Disorders of the peripheral nervous system	-	3501	3502	3508	3509	3510	3511
			3518	3519	3520	3521	3522	3523
			3524	3525	3526	3529	3530	3531
			3532	3533	3534	3535	3536	3538
			3539	3540	3541	3542	3543	3544
			3545	3548	3549	3550	3551	3552
			3553	3554	3555	3556	3557	35571
			35579	3558	3559	3560	3561	3562
			3563	3564	3568	3569	3570	3571
			3572	3573	3574	3575	3576	3577
			3578	35781	35782	35789	3579	3580
			3581	3582	3588	3589	3590	3591
			3592	3593	3594	3595	3596	3598
			35981	35989	3599			
6.9.2	Other central nervous system disorders	-	325	3321	33720	33721	33722	33729
			3410	3411	3418	3419	34461	347
			3480	3482	3483	3484	3485	3488
			3489	3492	34981	34982	34989	3499
			V1241	V5301				
6.9.3	Other nervous system symptoms and disorders	-	7810	7811	7812	7813	7817	7818
			7820	7843	7845	78460	78461	78469
			7920	7930	79400	79401	79402	79409
			79410	79411	79412	79413	79414	79415
			79416	79417	79419	7961	V124	V1240
			V1249	V415	V452	V484	V485	V493
			V530	V5302	V5309			
7	Diseases of the circulatory system	96 97 98 99	-					
		100 101						
		102 103						
		104 105						
		106 107						
		108 109						
		110 111						
		112 113						
		114 115						
		116 117						
		118 119						
		120 121						
7.1	Hypertension	98 99	-					

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
7.1.1	Essential hypertension	98	-					
7.1.2	Hypertension with complications and secondary hypertension	99	-					
7.1.2.1	Hypertensive heart and/or renal disease	-	40200 4030 4039 40402 40413	40201 40300 40390 40403 4049	40210 40301 40391 4041 40490	40211 4031 4040 40410 40491	40290 40310 40400 40411 40492	40291 40311 40401 40412 40493
7.1.2.2	Other hypertensive complications	-	4010 40599	40501 4372	40509	40511	40519	40591
7.2	Diseases of the heart	96 97 100 101 102 103 104 105 106 107 108	-					
7.2.1	Heart valve disorders	96	-					
7.2.1.1	Chronic rheumatic disease of the heart valves	-	3940 3952 3968	3941 3959 3969	3942 3960 3970	3949 3961 3971	3950 3962 3979	3951 3963
7.2.1.2	Nonrheumatic mitral valve disorders	-	4240					
7.2.1.3	Nonrheumatic aortic valve disorders	-	4241					
7.2.1.4	Other heart valve disorders	-	4242 7853	4243 V422	42490 V433	42491	42499	7852
7.2.2	Peri-, endo-, and myocarditis, cardiomyopathy (except that caused by TB or STD)	97	-					
7.2.2.1	Cardiomyopathy	-	4250 4257	4251 4258	4252 4259	4253	4254	4255

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
7.2.2.2	Other peri-, endo-, and myocarditis	-	03282 07421 11513 3911 3980 42099 42291 4232	03640 07422 11514 3912 39890 4210 42292 4238	03641 07423 11593 3918 39899 4211 42293 4239	03642 11281 11594 3919 4200 4219 42299 4290	03643 11503 1303 3920 42090 4220 4230	07420 11504 3910 393 42091 42290 4231
7.2.3	Acute myocardial infarction	100	-					
7.2.4	Coronary atherosclerosis and other heart disease	101	-					
7.2.4.1	Angina pectoris	-	4130	4131	4139			
7.2.4.2	Unstable angina (intermediate coronary syndrome)	-	4111					
7.2.4.3	Other acute and subacute forms of ischemic heart disease	-	4110	4118	41181	41189		
7.2.4.4	Coronary atherosclerosis	-	4140	41400	41401	41405	V4582	
7.2.4.5	Other forms of chronic heart disease	-	412	4148	4149	V4581		
7.2.5	Nonspecific chest pain	102	-					
7.2.6	Pulmonary heart disease	103	-					
7.2.7	Other and ill-defined heart disease	104	-					
7.2.8	Conduction disorders	105	-					
7.2.8.1	Atrioventricular block	-	4260	42610	42611	42612	42613	
7.2.8.2	Bundle branch block	-	4262 42653	4263 42654	4264	42650	42651	42652
7.2.8.3	Anomalous atrioventricular excitation	-	4267					
7.2.8.4	Other conduction disorders	-	4266 V4501 V5339	42681 V4502	42689 V4509	4269 V533	V450 V5331	V4500 V5332
7.2.9	Cardiac dysrhythmias	106	-					

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code				
7.2.9.1	Paroxysmal supraventricular tachycardia	-	4270				
7.2.9.2	Paroxysmal ventricular tachycardia	-	4271				
7.2.9.3	Atrial fibrillation	-	42731				
7.2.9.4	Atrial flutter	-	42732				
7.2.9.5	Premature beats	-	42760	42761	42769		
7.2.9.6	Sinoatrial node dysfunction	-	42781				
7.2.9.7	Other cardiac dysrhythmias	-	4272	42789	4279	7850	7851
7.2.10	Cardiac arrest and ventricular fibrillation	107	-				
7.2.11	Congestive heart failure, nonhypertensive	108	-				
7.2.11.1	Congestive heart failure	-	4280	42840	42841	42842	42843
7.2.11.2	Heart failure	-	39891 42830	4281 42831	42820 42832	42821 42833	42822 4289
7.3	Cerebrovascular disease	109 110 111 112 113	-				
7.3.1	Acute cerebrovascular disease	109	-				
7.3.1.1	Intracranial hemorrhage	-	430	431	4320	4321	4329
7.3.1.2	Occlusion of cerebral arteries	-	43301 4340 4349	43311 43400 43490	43321 43401 43491	43331 4341	43381 43410 43411
7.3.1.3	Acute but ill-defined cerebrovascular accident	-	436				
7.3.2	Occlusion or stenosis of precerebral arteries	110	-				
7.3.3	Other and ill-defined cerebrovascular disease	111	-				
7.3.4	Transient cerebral ischemia	112	-				
7.3.5	Late effects of cerebrovascular disease	113	-				

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C

Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code						
7.4	Diseases of arteries, arterioles, and capillaries	114 115 116 117	-						
7.4.1	Peripheral and visceral atherosclerosis	114	-						
7.4.1.1	Atherosclerosis of arteries of extremities	-	4402	44020	44021	44022	44023	44029	
7.4.1.2	Peripheral vascular disease unspecified	-	4439						
7.4.1.3	Other peripheral and visceral atherosclerosis	-	4400 5579	4401	4408	4409	5570	5571	
7.4.2	Aortic, peripheral, and visceral artery aneurysms	115	-						
7.4.2.1	Abdominal aortic aneurysm, without rupture	-	4414						
7.4.2.2	Other aneurysm	-	4410 4412 4420 44283 44324	44100 4413 4421 44284 44329	44101 4415 4422 44289	44102 4416 4423 4429	44103 4417 44281 44321	4411 4419 44282 44323	
7.4.3	Aortic and peripheral arterial embolism or thrombosis	116	-						
7.4.3.1	Arterial embolism and thrombosis of lower extremity artery	-	44422	44502					
7.4.3.2	Other arterial embolism and thrombosis	-	4440 44501	4441 44581	44421 44589	44481	44489	4449	
7.4.4	Other circulatory disease	117	-						
7.4.4.1	Hypotension	-	4580	4581	4588	4589			
7.4.4.2	Other and unspecified circulatory disease	-	4430 4462 4465 4473 4480 7859 V1250 V717	4431 44620 4466 4474 4481 79430 V1259	44381 44621 4467 4475 4489 79431 V151	44389 44629 4470 4476 4590 79439 V421	4460 4463 4471 4478 45989 7962 V432	4461 4464 4472 4479 4599 V125 V434	

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C

Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
7.5	Diseases of veins and lymphatics	118 119 120 121	-					
7.5.1	Phlebitis, thrombophlebitis and thromboembolism	118	-					
7.5.1.1	Phlebitis and thrombophlebitis	-	4510 45183	45111 45184	45119 45189	4512 4519	45181 V1252	45182
7.5.1.2	Other venous embolism and thrombosis	-	452 4539	4530 V1251	4531	4532	4533	4538
7.5.2	Varicose veins of lower extremity	119	-					
7.5.3	Hemorrhoids	120	-					
7.5.4	Other diseases of veins and lymphatics	121	-					
8	Diseases of the respiratory system	122 123 124 125 126 127 128 129 130 131 132 133 134	-					
8.1	Respiratory infections	122 123 124 125 126	-					
8.1.1	Pneumonia (except that caused by TB or STD)	122	-					
8.1.1.1	Pneumococcal pneumonia	-	481					
8.1.1.2	Other bacterial pneumonia	-	00322 0310 48230 48241 48284	0203 0391 48231 48249 48289	0204 4820 48232 4828 4829	0205 4821 48239 48281	0212 4822 4824 48282	0221 4823 48240 48283
8.1.1.3	Pneumonia, organism unspecified	-	486					

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
8.1.1.4	Other pneumonia	-	0521 1144 1363 483 4845 5171	0551 1145 4800 4830 4846	0730 11505 4801 4831 4847	0830 11515 4802 4838 4848	1124 11595 4808 4841 485	1140 1304 4809 4843 5130
8.1.2	Influenza	123	-					
8.1.3	Acute and chronic tonsillitis	124	-					
8.1.4	Acute bronchitis	125	-					
8.1.5	Other upper respiratory infections	126	-					
8.1.5.1	Acute upper respiratory infections of multiple or unspecified sites	-	4658	4659				
8.1.5.2	Chronic sinusitis	-	4730	4731	4732	4733	4738	4739
8.1.5.3	Croup	-	4644					
8.1.5.4	Other and unspecified upper respiratory infections	-	0320 4610 462 46420 4650	0321 4611 4640 46421	0322 4612 46400 46430	0323 4613 46401 46431	0340 4618 46410 46450	460 4619 46411 46451
8.2	Chronic obstructive pulmonary disease and bronchiectasis	127	-					
8.2.1	Emphysema	-	4928					
8.2.2	Chronic airway obstruction, not otherwise specified	-	496					
8.2.3	Obstructive chronic bronchitis	-	4912	49120	49121			
8.2.4	Other chronic pulmonary disease	-	490 494	4910 4940	4911 4941	4918	4919	4920
8.3	Asthma	128	-					
8.3.1	Chronic obstructive asthma	-	49320	49321	49322			
8.3.1.1	Chronic obstructive asthma without status asthmaticus	-	49320					
8.3.1.2	Chronic obstructive asthma with status asthmaticus	-	49321					

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
8.3.1.3	Chronic obstructive asthma without status asthmaticus	-	49322					
8.3.2	Other and unspecified asthma	-	49300 49390	49301 49391	49302 49392	49310	49311	49312
8.3.2.1	Other asthma without status asthmaticus	-	49300	49310	49390			
8.3.2.2	Other asthma with status asthmaticus	-	49301	49311	49391			
8.3.2.3	Other asthma without status asthmaticus	-	49302	49312	49392			
8.4	Aspiration pneumonitis, food/vomitus	129	-					
8.5	Pleurisy, pneumothorax, pulmonary collapse	130	-					
8.5.1	Pleurisy, pleural effusion	-	5110	5111	5118	5119		
8.5.2	Pulmonary collapse, interstitial and compensatory emphysema	-	5180	5181	5182			
8.5.3	Empyema and pneumothorax	-	5100	5109	5120	5128		
8.6	Respiratory failure, insufficiency, arrest (adult)	131	-					
8.6.1	Respiratory failure	-	51881	51884				
8.6.2	Other respiratory insufficiency	-	5185	51882	51883	7991	V461	V462
8.7	Lung disease due to external agents	132	-					
8.8	Other lower respiratory disease	133	-					
8.8.1	Postinflammatory pulmonary fibrosis	-	515					
8.8.2	Painful respiration	-	78652					
8.8.3	Other and unspecified lower respiratory disease	-	5131 5168 51889 78601 78607 7867 V426	514 5169 5194 78602 78609 7868	5160 5172 5198 78603 7862 7869	5161 5178 5199 78604 7863 7931	5162 5183 7825 78605 7864 7942	5163 5184 78600 78606 7866 V126

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C

Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
8.9	Other upper respiratory disease	134	-					
9	Diseases of the digestive system	135 136	-					
		137 138						
		139 140						
		141 142						
		143 144						
		145 146						
		147 148						
		149 150						
		151 152						
		153 154						
		155						
9.1	Intestinal infection	135	-					
9.2	Disorders of teeth and jaw	136	-					
9.3	Diseases of mouth, excluding dental	137	-					
9.4	Upper gastrointestinal disorders	138 139	-					
		140 141						
9.4.1	Esophageal disorders	138	-					
9.4.1.1	Esophagitis	-	5301	53010	53011	53012	53019	
9.4.1.2	Other esophageal disorders	-	4561	45621	5300	5302	5303	5304
			5305	5306	5308	53081	53083	53084
			53089	5309				
9.4.2	Gastroduodenal ulcer (except hemorrhage)	139	-					
9.4.2.1	Gastric ulcer	-	53110	53111	53130	53131	53150	53151
			53170	53171	53190	53191		
9.4.2.2	Duodenal ulcer	-	53210	53211	53230	53231	53250	53251
			53270	53271	53290	53291		
9.4.2.3	Peptic ulcer, site unspecified	-	53310	53311	53330	53331	53350	53351
			53370	53371	53390	53391	V1271	
9.4.2.4	Gastrojejunal ulcer	-	53410	53411	53430	53431	53450	53451
			53470	53471	53490	53491		
9.4.3	Gastritis and duodenitis	140	-					
9.4.3.1	Acute gastritis	-	5350	53500	53501			

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code						
9.4.3.2	Other specified gastritis	-	5351 5353	53510 53530	53511 53531	5352 5354	53520 53540	53521 53541	
9.4.3.3	Unspecified gastritis and gastroduodenitis	-	5355	53550	53551				
9.4.3.4	Duodenitis	-	5356	53560	53561				
9.4.4	Other disorders of stomach and duodenum	141	-						
9.5	Abdominal hernia	143	-						
9.5.1	Inguinal hernia	-	55000 55012	55001 55013	55002 55090	55003 55091	55010 55092	55011 55093	
9.5.1.1	Inguinal hernia with obstruction or gangrene	-	55000 55012	55001 55013	55002	55003	55010	55011	
9.5.1.2	Inguinal hernia without obstruction or gangrene	-	55090	55091	55092	55093			
9.5.2	Diaphragmatic hernia	-	5513	5523	5533				
9.5.3	Other abdominal hernia	-	55100 55121 55202 5528 5531	55101 55129 55203 5529 55320	55102 5518 5521 55300 55321	55103 5519 55220 55301 55329	5511 55200 55221 55302 5538	55120 55201 55229 55303 5539	
9.5.3.1	Femoral hernia with obstruction/gangrene	-	55100 55202	55101 55203	55102	55103	55200	55201	
9.5.3.2	Femoral hernia without obstruction/gangrene	-	55300	55301	55302	55303			
9.5.3.3	Umbilical hernia with obstruction/gangrene	-	5511	5521					
9.5.3.4	Umbilical hernia without obstruction/gangrene	-	5531						
9.5.3.5	Ventral hernia with obstruction/gangrene	-	55120	55129	55220	55229			
9.5.3.6	Ventral hernia without obstruction/gangrene	-	55320	55329					
9.5.3.7	Incisional hernia with obstruction/gangrene	-	55121	55221					

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
9.5.3.8	Incisional hernia without obstruction/gangrene	-	55321					
9.5.3.9	Other and unspecified hernia	-	5518	5519	5528	5529	5538	5539
9.6	Lower gastrointestinal disorders	142 144 145 146 147 148	-					
9.6.1	Appendicitis and other appendiceal conditions	142	-					
9.6.1.1	Acute appendicitis with abscess or peritonitis	-	5400	5401				
9.6.1.2	Acute appendicitis without abscess or peritonitis	-	5409					
9.6.1.3	Acute appendicitis, not otherwise specified	-	541					
9.6.1.4	Other appendiceal conditions	-	542	5430	5439			
9.6.2	Regional enteritis and ulcerative colitis	144	-					
9.6.3	Intestinal obstruction without hernia	145	-					
9.6.3.1	Paralytic ileus	-	5601					
9.6.3.2	Impaction of intestine	-	56030	56039				
9.6.3.3	Peritoneal or intestinal adhesions	-	56081					
9.6.3.4	Other intestinal obstruction	-	5600	5602	56031	56089	5609	
9.6.4	Diverticulosis and diverticulitis	146	-					
9.6.4.1	Diverticulosis	-	56200	56202	56210	56212		
9.6.4.2	Diverticulitis	-	56201	56203	56211	56213		
9.6.5	Anal and rectal conditions	147	-					
9.6.6	Peritonitis and intestinal abscess	148	-					
9.7	Biliary tract disease	149	-					
9.7.1	Cholelithiasis with acute cholecystitis	-	57400	57401				

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
9.7.2	Cholelithiasis with other cholecystitis	-	57410	57411				
9.7.3	Cholelithiasis without mention of cholecystitis	-	57420	57421				
9.7.4	Calculus of bile duct	-	57430 57460 57490	57431 57461 57491	57440 57470	57441 57471	57450 57480	57451 57481
9.7.5	Cholecystitis without cholelithiasis	-	5750	5751	57510	57511	57512	
9.7.6	Other biliary tract disease	-	5752 5759 5765	5753 5760 5768	5754 5761 5769	5755 5762 7933	5756 5763	5758 5764
9.8	Liver disease	150 151	-					
9.8.1	Liver disease, alcohol-related	150	-					
9.8.2	Other liver diseases	151	-					
9.8.2.1	Cirrhosis of liver without mention of alcohol	-	5715					
9.8.2.2	Liver abscess and sequelae of chronic liver disease	-	5720	5721	5722	5723	5724	5728
9.8.2.3	Ascites	-	7895					
9.8.2.4	Other and unspecified liver disorders	-	570 5738 7948	5716 5739 V427	5718 7824	5719 7891	5730 7904	5734 7905
9.9	Pancreatic disorders (not diabetes)	152	-					
9.9.1	Acute pancreatitis	-	5770					
9.9.2	Chronic pancreatitis	-	5771					
9.9.3	Other pancreatic disorders	-	5772	5778	5779	5794		
9.10	Gastrointestinal hemorrhage	153	-					
9.10.1	Hemorrhage from gastrointestinal ulcer	-	53100 53160 53240 53320 53400 53460	53101 53161 53241 53321 53401 53461	53120 53200 53260 53340 53420	53121 53201 53261 53341 53421	53140 53220 53300 53360 53440	53141 53221 53301 53361 53441

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

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Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code				
9.10.2	Melena	-	5781				
9.10.3	Gastroesophageal laceration syndrome	-	5307				
9.10.4	Other esophageal bleeding	-	4560	45620	53082		
9.10.5	Hemorrhage of rectum and anus	-	5693				
9.10.6	Hematemesis	-	5780				
9.10.7	Hemorrhage of gastrointestinal tract	-	5789				
9.11	Noninfectious gastroenteritis	154	-				
9.12	Other gastrointestinal disorders	155	-				
9.12.1	Constipation	-	5640	56400	56401	56402	56409
9.12.2	Dysphagia	-	7872				
9.12.3	Other and unspecified gastrointestinal disorders	-	5581	5582	5641	5645	5647
			56481	56489	5649	5680	56881
			56889	5689	56981	56982	56983
			56985	56989	5699	5790	5791
			5798	5799	7871	7873	7874
			7876	7877	7879	78791	78799
			7893	78930	78931	78932	78933
			78935	78936	78937	78939	7894
			78941	78942	78943	78944	78945
			78947	78949	7899	7921	7934
			V127	V1270	V1279	V416	V441
			V443	V444	V453	V473	V535
			V552	V553	V554		
10	Diseases of the genitourinary system	156 157	-				
		158 159					
		160 161					
		162 163					
		164 165					
		166 167					
		168 169					
		170 171					
		172 173					
		174 175					

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
10.1	Diseases of the urinary system	156 157 158 159 160 161 162 163	-					
10.1.1	Nephritis, nephrosis, renal sclerosis	156	-					
10.1.2	Acute and unspecified renal failure	157	-					
10.1.2.1	Acute renal failure	-	5845	5846	5847	5848	5849	
10.1.2.2	Unspecified renal failure	-	586					
10.1.3	Chronic renal failure	158	-					
10.1.4	Urinary tract infections	159	-					
10.1.4.1	Infections of kidney	-	59000 59080	59001 59081	59010 5909	59011	5902	5903
10.1.4.2	Cystitis and urethritis	-	03284 59581 59781	5950 59582 59789	5951 59589 59800	5952 5959 59801	5953 5970	5954 59780
10.1.4.3	Urinary tract infection, site not specified	-	5990					
10.1.5	Calculus of urinary tract	160	-					
10.1.5.1	Calculus of kidney	-	5920					
10.1.5.2	Calculus of ureter	-	5921					
10.1.5.3	Other and unspecified urinary calculus	-	5929 7880	5940 V1301	5941	5942	5948	5949
10.1.6	Other diseases of kidney and ureters	161	-					
10.1.6.1	Hydronephrosis	-	591					
10.1.6.2	Other and unspecified diseases of kidney and ureters	-	5880 5899 5935 59373	5881 5930 5936 59381	5888 5931 5937 59382	5889 5932 59370 59389	5890 5933 59371 5939	5891 5934 59372
10.1.7	Other diseases of bladder and urethra	162	-					
10.1.7.1	Bladder neck obstruction	-	5960					

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C

Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
10.1.7.2	Other and unspecified diseases of bladder and urethra	-	5961 59652 5967 5989 59981	5962 59653 5968 5991 59982	5963 59654 5969 5992 59983	5964 59655 5981 5993 59984	5965 59659 5982 5994	59651 5966 5988 5995
10.1.8	Genitourinary symptoms and ill-defined conditions	163	-					
10.1.8.1	Hematuria	-	5997					
10.1.8.2	Retention of urine	-	7882	78820	78821	78829		
10.1.8.3	Other and unspecified genitourinary symptoms	-	5996 78830 78836 78843 7887 7913 V130 V4450 V475	5998 78831 78837 7885 7888 7914 V1300 V4451 V536	59989 78832 78839 7886 7889 7917 V1309 V4452 V555	5999 78833 7884 78861 7910 7919 V417 V4459 V556	7881 78834 78841 78862 7911 7935 V435 V446	7883 78835 78842 78869 7912 7944 V445 V474
10.2	Diseases of male genital organs	164 165 166	-					
10.2.1	Hyperplasia of prostate	164	-					
10.2.2	Inflammatory conditions of male genital organs	165	-					
10.2.3	Other male genital disorders	166	-					
10.3	Diseases of female genital organs	167 168 169 170 171 172 173 174 175	-					
10.3.1	Nonmalignant breast conditions	167	-					
10.3.2	Inflammatory diseases of female pelvic organs	168	-					
10.3.2.1	Pelvic peritoneal adhesions	-	6146					
10.3.2.2	Cervicitis and endocervicitis	-	6160					
10.3.2.3	Pelvic inflammatory disease (PID)	-	6149					

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
10.3.2.4	Other inflammatory diseases of female pelvic organs	-	6140 6147 61611 6168	6141 6148 6162 6169	6142 6150 6163	6143 6151 6164	6144 6159 61650	6145 61610 61651
10.3.3	Endometriosis	169	-					
10.3.4	Prolapse of female genital organs	170	-					
10.3.5	Menstrual disorders	171	-					
10.3.6	Ovarian cyst	172	-					
10.3.7	Menopausal disorders	173	-					
10.3.8	Female infertility	174	-					
10.3.9	Other female genital disorders	175	-					
10.3.9.1	Female genital pain and other symptoms	-	6250 6258	6251 6259	6252	6254	6255	6256
10.3.9.2	Other and unspecified female genital disorders	-	6190 6204 6210 6216 6222 6228 6234 6240 6246 6298 V132	6191 6205 6211 6217 6223 6229 6235 6241 6248 6299 V1321	6192 6206 6212 6218 6224 6230 6236 6242 6249 79500 V1329	6198 6207 6213 6219 6225 6231 6237 6243 6267 79501 V557	6199 6208 6214 6220 6226 6232 6238 6244 6290 79502 V723	6203 6209 6215 6221 6227 6233 6239 6245 6291 79509
11	Complications of pregnancy, childbirth, and the puerperium	176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196	-					
11.1	Contraceptive and procreative management	176	-					

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
11.1.1	Sterilization	-	V252	V2651	V2652			
11.1.2	Other contraceptive and procreation management	-	V157 V2540 V258 V2622 V455	V2501 V2541 V259 V2629 V4551	V2502 V2542 V260 V263 V4552	V2509 V2543 V261 V264 V268	V251 V2549 V262 V268	V253 V255 V2621 V269
11.2	Abortion-related disorders	177 178 179	-					
11.2.1	Spontaneous abortion	177	-					
11.2.2	Induced abortion	178	-					
11.2.3	Postabortion complications	179	-					
11.3	Complications mainly related to pregnancy	180 181 182 183 184 185 186	-					
11.3.1	Ectopic pregnancy	180	-					
11.3.2	Hemorrhage during pregnancy, abruptio placenta, placenta previa	182	-					
11.3.2.1	Placenta previa	-	64100	64101	64103	64110	64111	
11.3.2.2	Abruptio placenta	-	64120	64121	64123			
11.3.2.3	Other hemorrhage during pregnancy, childbirth and the puerperium	-	64000 64090 64133 64193	64001 64091 64180	64003 64093 64181	64080 64113 64183	64081 64130 64190	64083 64131 64191
11.3.3	Hypertension complicating pregnancy, childbirth and the puerperium	183	-					
11.3.3.1	Preeclampsia and eclampsia	-	64240 64251 64262 64273	64241 64252 64263 64274	64242 64253 64264	64243 64254 64270	64244 64260 64271	64250 64261 64272
11.3.3.2	Other hypertension in pregnancy	-	64200 64211 64222 64233 64294	64201 64212 64223 64234	64202 64213 64224 64290	64203 64214 64230 64291	64204 64220 64231 64292	64210 64221 64232 64293

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
11.3.4	Early or threatened labor	184	-					
11.3.4.1	Threatened premature labor	-	64400	64403				
11.3.4.2	Early onset of delivery	-	64420	64421				
11.3.4.3	Other early or threatened labor	-	64410	64413				
11.3.5	Prolonged pregnancy	185	-					
11.3.6	Diabetes or abnormal glucose tolerance complicating pregnancy, childbirth, or the puerperium	186	-					
11.3.7	Other complications of pregnancy	181	-					
11.3.7.1	Infections of genitourinary tract during pregnancy	-	64660	64661	64662	64663	64664	
11.3.7.2	Anemia during pregnancy	-	64820	64821	64822	64823	64824	
11.3.7.3	Mental disorders during pregnancy	-	64840	64841	64842	64843	64844	
11.3.7.4	Missed abortion	-	632					
11.3.7.5	Hyperemesis gravidarum	-	64300	64301	64303	64310	64311	64313
11.3.7.6	Infectious and parasitic complications in mother affecting pregnancy	-	64700	64701	64702	64703	64704	64710
			64711	64712	64713	64714	64720	64721
			64722	64723	64724	64730	64731	64732
			64733	64734	64740	64741	64742	64743
			64744	64750	64751	64752	64753	64754
			64760	64761	64762	64763	64764	64780
			64781	64782	64783	64784	64790	64791
			64792	64793	64794			
11.3.7.7	Other and unspecified complications of pregnancy	-	630	631	64320	64321	64323	64380
			64381	64383	64390	64391	64393	64600
			64601	64603	64610	64611	64612	64613
			64614	64620	64621	64622	64623	64624
			64630	64631	64633	64640	64641	64642
			64643	64644	64650	64651	64652	64653
			64654	64670	64671	64673	64680	64681
			64682	64683	64684	64690	64691	64693
			64810	64811	64812	64813	64814	64830
			64831	64832	64833	64834	64850	64851
			64852	64853	64854	64860	64861	64862
			64863	64864	64870	64871	64872	64873
			64874	64890	64891	64892	64893	64894

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C

Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code				
11.4	Indications for care in pregnancy, labor, and delivery	187 188 189 190 191	-				
11.4.1	Malposition, malpresentation	187	-				
11.4.1.1	Breech presentation	-	65220	65221	65223		
11.4.1.2	Other malposition, malpresentation	-	65200 65230 65250 65270 65290	65201 65231 65251 65271 65291	65203 65233 65253 65273 65293	65210 65240 65260 65280 66000	65211 65241 65261 65281 66001
11.4.2	Fetopelvic disproportion, obstruction	188	-				
11.4.2.1	Fetopelvic disproportion	-	65340	65341	65343		
11.4.2.2	Other disproportion or obstruction	-	65300 65320 65350 65370 65390 66020 66040 66060 66080	65301 65321 65351 65371 65391 66021 66041 66061 66081	65303 65323 65353 65373 65393 66030 66043 66063 66083	65310 65330 65360 65380 66010 66030 66050 66070 66090	65311 65331 65361 65381 66011 66031 66051 66071 66091
11.4.3	Previous C-section	189	-				
11.4.4	Fetal distress and abnormal forces of labor	190	-				
11.4.4.1	Fetal distress	-	65630	65631	65633		
11.4.4.2	Uterine inertia	-	66100 66120	66101 66121	66103 66123	66110	66111 66113
11.4.4.3	Precipitate labor	-	66130	66131	66133		
11.4.4.4	Other abnormal forces of labor	-	66140 66200 66220	66141 66201 66221	66143 66203 66223	66190 66210 66230	66191 66211 66231
11.4.5	Polyhydramnios and other problems of amniotic cavity	191	-				
11.4.5.1	Premature rupture of membranes	-	65810	65811	65813		

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
11.4.5.2	Infection of amniotic cavity	-	65840	65841	65843			
11.4.5.3	Other problems of amniotic cavity	-	65700	65701	65703	65800	65801	65803
			65820	65821	65823	65830	65831	65833
			65880	65881	65883	65890	65891	65893
			7923					
11.5	Complications during labor	192 193 194	-					
11.5.1	Umbilical cord complication	192	-					
11.5.1.1	Cord around neck with compression	-	66310	66311	66313			
11.5.1.2	Other and unspecified cord entanglement with or without compression	-	66320	66321	66323	66330	66331	66333
11.5.1.3	Other umbilical cord complications	-	66300	66301	66303	66340	66341	66343
			66350	66351	66353	66360	66361	66363
			66380	66381	66383	66390	66391	66393
11.5.2	Trauma to perineum and vulva	193	-					
11.5.2.1	First degree perineal laceration	-	66400	66401	66404			
11.5.2.2	Second degree perineal laceration	-	66410	66411	66414			
11.5.2.3	Third degree perineal laceration	-	66420	66421	66424			
11.5.2.4	Fourth degree perineal laceration	-	66430	66431	66434			
11.5.2.5	Other perineal laceration and trauma	-	66440	66441	66444	66450	66451	66454
			66480	66481	66484	66490	66491	66494
11.5.3	Forceps delivery	194	-					
11.6	Other complications of birth, puerperium affecting management of mother	195	-					
11.6.1	Postpartum hemorrhage	-	66600	66602	66604	66610	66612	66614
			66620	66622	66624	66630	66632	66634

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category			CCS code	ICD-9-CM code				
11.6.2	Complications of the puerperium	-	67000	67002	67004	67100	67101	67102
			67103	67104	67110	67111	67112	67113
			67114	67120	67121	67122	67123	67124
			67130	67131	67133	67140	67142	67144
			67150	67151	67152	67153	67154	67180
			67181	67182	67183	67184	67190	67191
			67192	67193	67194	67200	67202	67204
			67300	67301	67302	67303	67304	67310
			67311	67312	67313	67314	67320	67321
			67322	67323	67324	67330	67331	67332
			67333	67334	67380	67381	67382	67383
			67384	67400	67401	67402	67403	67404
			67410	67412	67414	67420	67422	67424
			67430	67432	67434	67440	67442	67444
			67480	67482	67484	67490	67492	67494
			67500	67501	67502	67503	67504	67510
			67511	67512	67513	67514	67520	67521
			67522	67523	67524	67580	67581	67582
			67583	67584	67590	67591	67592	67593
			67594	67600	67601	67602	67603	67604
			67610	67611	67612	67613	67614	67620
			67621	67622	67623	67624	67630	67631
			67632	67633	67634	67640	67641	67642
			67643	67644	67650	67651	67652	67653
			67654	67660	67661	67662	67663	67664
			67680	67681	67682	67683	67684	67690
			67691	67692	67693	67694		
11.6.3	Cervical incompetence	-	65450	65451	65452	65453	65454	
11.6.4	Rhesus isoimmunization	-	65610	65611	65613			
11.6.5	Intrauterine death	-	65640	65641	65643			
11.6.6	Failed induction	-	65900	65901	65903	65910	65911	65913
11.6.7	Other obstetrical trauma	-	66500	66501	66503	66510	66511	66512
			66514	66520	66522	66524	66530	66531
			66534	66540	66541	66544	66550	66551
			66554	66560	66561	66564	66570	66571
			66572	66574	66580	66581	66582	66583
			66584	66590	66591	66592	66593	66594
11.6.8	Other and unspecified complications of birth, puerperium affecting management of mother	-	65103	65113	65123	65130	65131	65133
			65140	65141	65143	65150	65151	65153
			65160	65161	65163	65183	65193	65400
			65401	65402	65403	65404	65410	65411

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
			65412	65413	65414	65430	65431	65432
			65433	65434	65440	65441	65442	65443
			65444	65460	65461	65462	65463	65464
			65470	65471	65472	65473	65474	65480
			65481	65482	65483	65484	65490	65491
			65492	65493	65494	65500	65501	65503
			65510	65511	65513	65520	65521	65523
			65530	65531	65533	65540	65541	65543
			65550	65551	65553	65560	65561	65563
			65570	65571	65573	65580	65581	65583
			65590	65591	65593	65600	65601	65603
			65620	65621	65623	65650	65651	65653
			65660	65661	65663	65670	65671	65673
			65680	65681	65683	65690	65691	65693
			65920	65921	65923	65930	65931	65933
			65940	65941	65943	65950	65951	65953
			65960	65961	65963	65970	65971	65973
			5980	65981	65983	65990	65991	65993
			66700	66702	66704	66710	66712	66714
			66800	66801	66802	66803	66804	66810
			66811	66812	66813	66814	66820	66821
			66822	66823	66824	66880	66881	66882
			66883	66884	66890	66891	66892	66893
			66894	66900	66901	66902	66903	66904
			66910	66911	66912	66913	66914	66920
			66921	66922	66923	66924	66930	66932
			66934	66940	66941	66942	66943	66944
			66960	66961	66970	66971	66980	66981
			66982	66983	66984	66990	66991	66992
			66993	66994	677	V230	V231	V232
			V233	V234	V2341	V2349	V235	V237
			V238	V2381	V2382	V2383	V2384	V2389
			V239					
11.7	Normal pregnancy and/or delivery	196	-					
11.7.1	Normal delivery	-	650					
11.7.2	Multiple gestation	-	65100	65101	65110	65111	65120	65121
			65180	65181	65190	65191		
11.7.3	Outcome of delivery (V codes)	-	V220	V221	V222	V240	V241	V242
			V270	V271	V272	V273	V274	V275
			V276	V277	V279	V724		
12	Diseases of the skin and subcutaneous tissue	197 198 199 200	-					

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
12.1	Skin and subcutaneous tissue infections	197	-					
12.1.1	Cellulitis and abscess	-	68100 6820 6826	68101 6821 6827	68102 6822 6828	68110 6823 6829	68111 6824	6819 6825
12.1.1.1	Cellulitis and abscess of fingers and toes	-	68100	68101	68102	68110	68111	6819
12.1.1.2	Cellulitis and abscess of face	-	6820					
12.1.1.3	Cellulitis and abscess of arm	-	6823					
12.1.1.4	Cellulitis and abscess of hand	-	6824					
12.1.1.5	Cellulitis and abscess of leg	-	6826					
12.1.1.6	Cellulitis and abscess of foot	-	6827					
12.1.1.7	Other cellulitis and abscess	-	6821 68601	6822 68609	6825	6828	6829	68600
12.1.2	Other skin and subcutaneous infections	-	0201 0390 6805 6850	0210 6800 6806 6851	0220 6801 6807 6860	0311 6802 6808 6861	03285 6803 6809 6868	035 6804 684 6869
12.2	Other inflammatory condition of skin	198	-					
12.3	Chronic ulcer of skin	199	-					
12.3.1	Decubitus ulcer	-	7070					
12.3.2	Chronic ulcer of leg	-	7071 70715	70710 70719	70711	70712	70713	70714
12.3.3	Other chronic skin ulcer	-	7078	7079				
12.4	Other skin disorders	200	-					
13	Diseases of the musculoskeletal system and connective tissue	201 202 203 204 205 206 207 208 209 210 211 212	-					
13.1	Infective arthritis and osteomyelitis (except that caused by TB or STD)	201	-					

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

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Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
13.2	Non-traumatic joint disorders	202 203 204	-					
13.2.1	Rheumatoid arthritis and related disease	202	-					
13.2.2	Osteoarthritis	203	-					
13.2.2.1	Osteoarthritis, localized	-	71510 71511 71512 71513 71514 71515 71516 71517 71518 71520 71521 71522 71523 71524 71525 71526 71527 71528 71530 71531 71532 71533 71534 71535 71536 71537 71538					
13.2.2.2	Osteoarthritis, generalized and unspecified	-	71500 71504 71509 71580 71589 71590 71591 71592 71593 71594 71595 71596 71597 71598 V134					
13.2.3	Other non-traumatic joint disorders	204	-					
13.3	Spondylosis, intervertebral disc disorders, other back problems	205	-					
13.3.1	Spondylosis and allied disorders	-	7210 7211 7212 7213 72141 72142 7215 7216 7217 7218 72190 72191					
13.3.2	Intervertebral disc disorders	-	7220 72210 72211 7222 72230 72231 72232 72239 7224 72251 72252 7226 72270 72271 72272 72273 72280 72281 72282 72283 72290 72291 72292 72293					
13.3.3	Other back problems	-	7201 7202 72081 72089 7209 7230 7231 7232 7233 7234 7235 7236 7237 7238 7239 72400 72401 72402 72409 7241 7242 7243 7244 7245 7246 72470 72471 72479 7248 7249					
13.3.3.1	Cervical radiculitis	-	7234					
13.3.3.2	Spinal stenosis, lumbar region	-	72402					
13.3.3.3	Lumbago	-	7242					
13.3.3.4	Sciatica	-	7243					
13.3.3.5	Thoracic or lumbosacral neuritis or radiculitis, unspecified	-	7244					
13.3.3.6	Backache, unspecified	-	7245					

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C

Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
13.3.3.7	Other back pain and disorders	-	7201 7231 7238 7246	7202 7232 7239 72470	72081 7233 72400 72471	72089 7235 72401 72479	7209 7236 72409 7248	7230 7237 7241 7249
13.4	Osteoporosis	206	-					
13.5	Pathological fracture	207	-					
13.6	Acquired deformities	208 209	-					
13.6.1	Acquired foot deformities	208	-					
13.6.2	Other acquired deformities	209	-					
13.7	Systemic lupus erythematosus and connective tissue disorders	210	-					
13.8	Other connective tissue disease	211	-					
13.9	Other bone disease and musculoskeletal deformities	212	-					
14	Congenital anomalies	213 214 215 216 217	-					
14.1	Cardiac and circulatory congenital anomalies	213	-					
14.1.1	Transposition of great vessels	-	74510					
14.1.2	Tetralogy of Fallot	-	7452					
14.1.3	Ventricular septal defect	-	7454					
14.1.4	Atrial septal defect	-	7455					
14.1.5	Endocardial cushion defects	-	74560	74561	74569			
14.1.6	Pulmonary valve atresia and stenosis	-	74600	74601	74602	74609		
14.1.7	Aortic valve stenosis	-	7463					
14.1.8	Patent ductus arteriosus	-	7470					
14.1.9	Coarctation of aorta	-	74710					
14.1.10	Pulmonary artery anomalies	-	7473					
14.1.11	Cerebrovascular anomalies	-	74781					

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
14.1.12	Other cardiac and circulatory congenital anomalies	-	7450 7458 7466 74685 74720 74742 74762 74789	74511 7459 7467 74686 74721 74749 74763 7479	74512 7461 74681 74687 74722 7475 74764	74519 7462 74682 74689 74729 7476 74769	7453 7464 74683 7469 74740 74760 74782	7457 7465 74684 74711 74741 74761 74783
14.2	Digestive congenital anomalies	214	-					
14.2.1	Esophageal atresia/tracheoesophageal fistula	-	7503					
14.2.2	Pyloric stenosis	-	7505					
14.2.3	Rectal and large intestine atresia/stenosis	-	7512					
14.2.4	Hirschsprung's disease	-	7513					
14.2.5	Other digestive congenital anomalies	-	7500 75016 75025 7507 7515 7518	75010 75019 75026 7508 75160 7519	75011 75021 75027 7509 75161	75012 75022 75029 7510 75162	75013 75023 7504 7511 75169	75015 75024 7506 7514 7517
14.3	Genitourinary congenital anomalies	215	-					
14.3.1	Undescended testicle	-	7525	75251	75252			
14.3.2	Hypospadias and epispadias	-	7526	75261	75262	V1361		
14.3.3	Obstructive genitourinary defect	-	7532	75320	75321	75322	75323	75329
14.3.4	Other genitourinary congenital anomalies	-	7520 75240 75265 7531 75315 7535	75210 75241 75269 75310 75316 7536	75211 75242 7527 75311 75317 7537	75219 75249 7528 75312 75319 7538	7522 75263 7529 75313 7533 7539	7523 75264 7530 75314 7534
14.4	Nervous system congenital anomalies	216	-					
14.4.1	Spina bifida	-	74100 74192	74101 74193	74102	74103	74190	74191

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C

Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
14.4.2	Congenital hydrocephalus	-	7423					
14.4.3	Other nervous system congenital anomalies	-	7400 7424	7401 74251	7402 74253	7420 74259	7421 7428	7422 7429
14.5	Other congenital anomalies	217	-					
14.5.1	Cleft palate without cleft lip	-	74900	74901	74902	74903	74904	
14.5.2	Cleft lip with or without cleft palate	-	74910 74921	74911 74922	74912 74923	74913 74924	74914 74925	74920
14.5.3	Congenital hip dislocation	-	75430	75431	75432	75433	75435	

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C

Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
14.5.4	All other congenital anomalies	-	74300	74303	74306	74310	74311	74312
			74320	74321	74322	74330	74331	74332
			74333	74334	74335	74336	74337	74339
			74341	74342	74343	74344	74345	74346
			74347	74348	74349	74351	74352	74353
			74354	74355	74356	74357	74358	74359
			74361	74362	74363	74364	74365	74366
			74369	7438	7439	74400	74401	74402
			74403	74404	74405	74409	7441	74421
			74422	74423	74424	74429	7443	74441
			74442	74443	74446	74447	74449	7445
			74481	74482	74483	74484	74489	7449
			7480	7481	7482	7483	7484	7485
			74860	74861	74869	7488	7489	7540
			7541	7542	75440	75441	75442	75443
			75444	75450	75451	75452	75453	75459
			75460	75461	75462	75469	75470	75471
			75479	75481	75482	75489	75500	75501
			75502	75510	75511	75512	75513	75514
			75520	75521	75522	75523	75524	75525
			75526	75527	75528	75529	75530	75531
			75532	75533	75534	75535	75536	75537
			75538	75539	7554	75550	75551	75552
			75553	75554	75555	75556	75557	75558
			75559	75560	75561	75562	75563	75564
			75565	75566	75567	75569	7558	7559
			7560	75610	75611	75612	75613	75614
			75615	75616	75617	75619	7562	7563
			7564	75650	75651	75652	75653	75654
			75655	75656	75659	7566	7567	75670
			75671	75679	75681	75682	75683	75689
			7569	7570	7571	7572	75731	75732
			75733	75739	7574	7575	7576	7578
			7579	7580	7581	7582	7583	7584
			7585	7586	7587	7588	75881	75889
			7589	7590	7591	7592	7593	7594
			7595	7596	7597	7598	75981	75982
			75983	75989	7599	7952	V136	V1369
15	Certain conditions originating in the perinatal period	218 219 220 221 222 223 224	-					
15.1	Liveborn	218	-					

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code		ICD-9-CM code					
15.2	Short gestation, low birth weight, and fetal growth retardation	219	-						
15.3	Intrauterine hypoxia and birth asphyxia	220	-						
15.4	Respiratory distress syndrome	221	-						
15.5	Hemolytic jaundice and perinatal jaundice	222	-						
15.6	Birth trauma	223	-						
15.7	Other perinatal conditions	224	-						
15.7.1	Respiratory conditions of fetus and newborn, other than respiratory distress	-		7700 7706 77084	7701 7707 77089	7702 7708 7709	7703 77081	7704 77082	7705 77083
15.7.2	Infections specific to the perinatal period	-		7710 7716 77189	7711 7717	7712 7718	7713 77181	7714 77182	7715 77183
15.7.3	Endocrine and metabolic disturbances of fetus and newborn	-		7750 7756	7751 7757	7752 7758	7753 7759	7754	7755
15.7.4	Other and unspecified perinatal conditions	-		7600 7606 76075 7611 7617 7623 7629 7635 76383 7720 77214 7728 7764 7771 7778 7784 7790 7796 78091	7601 76070 76076 7612 7618 7624 7630 7636 76389 7721 7722 7729 7765 7772 7779 7785 7791 7798 78092	7602 76071 76079 7613 7619 7625 7631 7637 7639 77210 7723 7760 7766 7773 7780 7786 7792 77981 V137	7603 76072 7608 7614 7620 7626 7632 7638 7660 77211 7724 7761 7767 7774 7781 7787 7793 77982 V502	7604 76073 7609 7615 7621 7627 7633 76381 7661 77212 7725 7762 7768 7775 7782 7788 7794 77989	7605 76074 7610 7616 7622 7628 7634 76382 7662 77213 7726 7763 7769 7776 7783 7789 7795 7799

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C

Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
16	Injury and poisoning	225 226 - 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244						
16.1	Joint disorders and dislocations, trauma-related	225 -						
16.2	Fractures	226 228 - 229 230 231						
16.2.1	Fracture of neck of femur (hip)	226 -						
16.2.2	Skull and face fractures	228 -						
16.2.3	Fracture of upper limb	229 -						
16.2.3.1	Fracture of humerus	-	81200	81201	81202	81203	81209	81210
			81211	81212	81213	81219	81220	81221
			81230	81231	81240	81241	81242	81243
			81244	81249	81250	81251	81252	81253
			81254	81259				
16.2.3.2	Fracture of radius and ulna	-	81300	81301	81302	81303	81304	81305
			81306	81307	81308	81310	81311	81312
			81313	81314	81315	81316	81317	81318
			81320	81321	81322	81323	81330	81331
			81332	81333	81340	81341	81342	81343
			81344	81345	81350	81351	81352	81353
			81354	81380	81381	81382	81383	81390
			81391	81392	81393			

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
16.2.3.3	Other fracture of upper limb	-	81000	81001	81002	81003	81010	81011
			81012	81013	81100	81101	81102	81103
			81109	81110	81111	81112	81113	81119
			81400	81401	81402	81403	81404	81405
			81406	81407	81408	81409	81410	81411
			81412	81413	81414	81415	81416	81417
			81418	81419	81500	81501	81502	81503
			81504	81509	81510	81511	81512	81513
			81514	81519	81600	81601	81602	81603
			81610	81611	81612	81613	8170	8171
			8180	8181	8190	8191	9052	V5410
			V5411	V5412	V5420	V5421	V5422	
16.2.4	Fracture of lower limb	230	-					
16.2.4.1	Fracture of tibia and fibula	-	82300	82301	82302	82310	82311	82312
			82320	82321	82322	82330	82331	82332
			82340	82341	82342	82380	82381	82382
			82390	82391	82392			
16.2.4.2	Fracture of ankle	-	8240	8241	8242	8243	8244	8245
			8246	8247	8248	8249		
16.2.4.3	Other fracture of lower limb	-	82100	82101	82110	82111	82120	82121
			82122	82123	82129	82130	82131	82132
			82133	82139	8220	8221	8250	8251
			82520	82521	82522	82523	82524	82525
			82529	82530	82531	82532	82533	82534
			82535	82539	8260	8261	8270	8271
			9054	V5414	V5415	V5416	V5424	V5425
			V5426					
16.2.5	Other fractures	231	-					
16.2.5.1	Fracture of vertebral column without mention of spinal cord injury	-	80500	80501	80502	80503	80504	80505
			80506	80507	80508	80510	80511	80512
			80513	80514	80515	80516	80517	80518
			8052	8053	8054	8055	8056	8057
			8058	8059	V5417	V5427		
16.2.5.2	Fracture of ribs, closed	-	80700	80701	80702	80703	80704	80705
			80706	80707	80708	80709		
16.2.5.3	Fracture of pelvis	-	8080	8081	8082	8083	80841	80842
			80843	80849	80851	80852	80853	80859
			8088	8089				

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
16.2.5.4	Other and unspecified fracture	-	80710	80711	80712	80713	80714	80715
			80716	80717	80718	80719	8072	8073
			8074	8075	8076	8090	8091	8280
			8281	8290	8291	9051	9055	V540
			V5419	V5429	V664	V674		
16.3	Spinal cord injury	227	-					
16.4	Intracranial injury	233	-					
16.4.1	Concussion	-	8500	8501	8502	8503	8504	8505
			8509					

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C

Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
16.4.2	Other intracranial injury	-	80010	80011	80012	80013	80014	80015
			80016	80019	80020	80021	80022	80023
			80024	80025	80026	80029	80030	80031
			80032	80033	80034	80035	80036	80039
			80040	80041	80042	80043	80044	80045
			80046	80049	80060	80061	80062	80063
			80064	80065	80066	80069	80070	80071
			80072	80073	80074	80075	80076	80079
			80080	80081	80082	80083	80084	80085
			80086	80089	80090	80091	80092	80093
			80094	80095	80096	80099	80110	80111
			80112	80113	80114	80115	80116	80119
			80120	80121	80122	80123	80124	80125
			80126	80129	80130	80131	80132	80133
			80134	80135	80136	80139	80140	80141
			80142	80143	80144	80145	80146	80149
			80160	80161	80162	80163	80164	80165
			80166	80169	80170	80171	80172	80173
			80174	80175	80176	80179	80180	80181
			80182	80183	80184	80185	80186	80189
			80190	80191	80192	80193	80194	80195
			80196	80199	80310	80311	80312	80313
			80314	80315	80316	80319	80320	80321
			80322	80323	80324	80325	80326	80329
			80330	80331	80332	80333	80334	80335
			80336	80339	80340	80341	80342	80343
			80344	80345	80346	80349	80360	80361
			80362	80363	80364	80365	80366	80369
			80370	80371	80372	80373	80374	80375
			80376	80379	80380	80381	80382	80383
			80384	80385	80386	80389	80390	80391
			80392	80393	80394	80395	80396	80399
			80410	80411	80412	80413	80414	80415
			80416	80419	80420	80421	80422	80423
			80424	80425	80426	80429	80430	80431
			80432	80433	80434	80435	80436	80439
			80440	80441	80442	80443	80444	80445
			80446	80449	80460	80461	80462	80463
			80464	80465	80466	80469	80470	80471
			80472	80473	80474	80475	80476	80479

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C

Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
			80480	80481	80482	80483	80484	80485
			80486	80489	80490	80491	80492	80493
			80494	80495	80496	80499	85100	85101
			85102	85103	85104	85105	85106	85109
			85110	85111	85112	85113	85114	85115
			85116	85119	85120	85121	85122	85123
			85124	85125	85126	85129	85130	85131
			85132	85133	85134	85135	85136	85139
			85140	85141	85142	85143	85144	85145
			85146	85149	85150	85151	85152	85153
			85154	85155	85156	85159	85160	85161
			85162	85163	85164	85165	85166	85169
			85170	85171	85172	85173	85174	85175
			85176	85179	85180	85181	85182	85183
			85184	85185	85186	85189	85190	85191
			85192	85193	85194	85195	85196	85199
			85200	85201	85202	85203	85204	85205
			85206	85209	85210	85211	85212	85213
			85214	85215	85216	85219	85220	85221
			85222	85223	85224	85225	85226	85229
			85230	85231	85232	85233	85234	85235
			85236	85239	85240	85241	85242	85243
			85244	85245	85246	85249	85250	85251
			85252	85253	85254	85255	85256	85259
			85300	85301	85302	85303	85304	85305
			85306	85309	85310	85311	85312	85313
			85314	85315	85316	85319	85400	85401
			85402	85403	85404	85405	85406	85409
			85410	85411	85412	85413	85414	85415
			85416	85419	9070			
16.5	Crushing injury or internal injury	234	-					
16.6	Open wounds	235 236	-					
16.6.1	Open wounds of head, neck, and trunk	235	-					
16.6.2	Open wounds of extremities	236	-					
16.7	Sprains and strains	232	-					
16.8	Superficial injury, contusion	239	-					
16.9	Burns	240	-					
16.10	Complications	237 238	-					

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code					
16.10.1	Complication of device, implant or graft	237	-					
16.10.1.1	Malfunction of device, implant, and graft	-	41402 44032 99602 99630 99652	41403 56960 99603 99631 99653	41404 56961 99604 99632 99654	41406 56969 99609 99639 99655	44030 99600 9961 9964 99656	44031 99601 9962 99651 99659
16.10.1.2	Infection and inflammation--internal prosthetic device, implant, and graft	-	9966 99665	99660 99666	99661 99667	99662 99668	99663 99669	99664
16.10.1.3	Other complications of internal prosthetic device, implant, and graft	-	9967 99675	99670 99676	99671 99677	99672 99678	99673 99679	99674
16.10.1.4	Complications of transplants and reattached limbs	-	99680 99686 99693	99681 99687 99694	99682 99689 99695	99683 99690 99696	99684 99691 99699	99685 99692
16.10.2	Complications of surgical procedures or medical care	238	-					
16.10.2.1	Cardiac complications	-	4294	9971				
16.10.2.2	Respiratory complications	-	9973					
16.10.2.3	Gastrointestinal complications	-	5642	5643	5644	5696	5793	9974
16.10.2.4	Urinary complications	-	9975					
16.10.2.5	Hemorrhage or hematoma complicating a procedure	-	9981	99811	99812	99813		
16.10.2.6	Postoperative infection	-	51901 9993	53641	99762	9985	99851	99859
16.10.2.7	Other complications of surgical and medical procedures	-	3490 51900 56962 99701 99769 99799 9984 99883 9994	3491 51902 9093 99702 99771 9980 9986 99889 9995	41511 51909 9954 99709 99772 99779 9982 9987 9989 9996	4582 53640 99586 9972 99760 9979 9983 9988 9990 9997	5121 53642 9970 99760 9979 99831 99881 9991 9998	5190 53649 99700 99761 99791 99832 99882 9992 9999

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C

Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code
16.11	Poisoning	241 242 243	-
16.11.1	Poisoning by psychotropic agents	241	-
16.11.2	Poisoning by other medications and drugs	242	-
16.11.3	Poisoning by nonmedicinal substances	243	-
16.12	Other injuries and conditions due to external causes	244	-
17	Symptoms, signs, and ill-defined conditions and factors influencing health status	245 246 247 248 249 250 251 252 253 254 255 256 257 258	-
17.1	Symptoms, signs, and ill-defined conditions	245 246 247 248 249 250 251 252 253	-
17.1.1	Syncope	245	-
17.1.2	Fever of unknown origin	246	-
17.1.3	Lymphadenitis	247	-
17.1.4	Gangrene	248	-
17.1.5	Shock	249	-
17.1.6	Nausea and vomiting	250	-
17.1.7	Abdominal pain	251	-
17.1.8	Malaise and fatigue	252	-
17.1.9	Allergic reactions	253	-
17.2	Factors influencing health care	254 255 256 257 258	-

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

Appendix C

Expanded diagnosis categories¹

This document provides a listing of ICD-9-CM codes included in the multi-level CCS diagnosis categories.

Diagnosis category		CCS code	ICD-9-CM code
17.2.1	Rehabilitation care, fitting of prostheses, and adjustment of devices	254	-
17.2.2	Administrative/social admission	255	-
17.2.3	Medical examination/evaluation	256	-
17.2.4	Other aftercare	257	-
17.2.5	Other screening for suspected conditions (not mental disorders or infectious disease)	258	-
18	Residual codes, unclassified, all E codes	259 260	-

¹ Expanded diagnosis categories can consist of groups of Clinical Classification Software (CCS) categories, individual CCS categories, or individual ICD-9-CM codes. For information on constituent ICD-9-CM codes for CCS categories listed here, refer to Appendix A.

Source: AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).