

Appendix C
Expanded diagnosis categories¹

Diagnosis category		CCHPR 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							

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Diagnosis category	CCHPR code	ICD-9-CM code
		0609 061 0650 0651 0652 0653
		0654 0658 0659 0660 0661 0663
		0668 0669 071 0720 0723 07271
		07272 07279 0728 0729 0737 0738
		0739 0740 0741 0743 0748 075
		0780 0781 07810 07811 07819 0782
		0783 0784 0785 0786 0787 07881
		07882 07888 07889 0790 0791 0792
		0793 0794 07950 07951 07952 07959
		0796 0798 07981 07988 07989 0799
		07998 07999 7908
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 -
2.2.3	Cancer of liver and intrabiliary bile duct	16 -

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Diagnosis category		CCHPR code	ICD-9-CM code
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	-
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	-

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Diagnosis category		CCHPR code	ICD-9-CM code					
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	-					
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					

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Diagnosis category		CCHPR code	ICD-9-CM code					
2.16.2.5	Other and unspecified benign neoplasms	-	2100	2101	2102	2103	2104	2105
			2106	2107	2108	2109	2110	2111
			2112	2115	2116	2117	2118	2119
			2120	2121	2122	2123	2124	2125
			2126	2127	2128	2129	2130	2131
			2132	2133	2134	2135	2136	2137
			2138	2139	2140	2141	2142	2143
			2144	2148	2149	2150	2152	2153
			2154	2155	2156	2157	2158	2159
			2160	2161	2162	2163	2164	2165
			2166	2167	2168	2169	217	2210
			2211	2212	2218	2219	2220	2221
			2222	2223	2224	2228	2229	2230
			2231	2232	2233	22381	22389	2239
			2240	2241	2242	2243	2244	2245
			2246	2247	2248	2249	2250	2251
			2253	2254	2258	2259	2270	2271
			2273	2274	2275	2276	2278	2279
			22800	22801	22802	22803	22804	22809
			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 -						
3.1.1	Thyrotoxicosis with or without goiter	-	24200	24201	24210	24211	24220	24221
			24230	24231	24240	24241	24280	24281
			24290	24291				
3.1.2	Other thyroid disorders	-	2400	2409	2410	2411	2419	243
			2440	2441	2442	2443	2448	2449
			2450	2451	2452	2453	2454	2458
			2459	2460	2461	2462	2463	2468
			2469	7945				
3.2	Diabetes mellitus without complication	49 -						

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Diagnosis category		CCHPR code	ICD-9-CM code						
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	
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	58	-						

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Diagnosis category		CCHPR code		ICD-9-CM code				
3.11.3	Other and unspecified metabolic, nutritional, and endocrine disorders	-	2700	2701	2702	2703	2704	2705
			2706	2707	2708	2709	2710	2711
			2712	2713	2714	2718	2719	2725
			2726	2727	2728	2729	2730	2731
			2732	2733	2738	2739	2771	2772
			2773	2774	2775	2776	2778	2779
			2781	2782	2783	2784	2788	7831
			7832	7833	7834	7835	7839	7947
			7957	79579	V122			
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	-					
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	2811	2812	2813	2814	2818
			2819					
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	2831	28310	28311	28319	2832
			2839					
4.1.3.6	Other specified anemia	-	2820	2821	2822	2823	2824	2827
			2828	2829	2850	2858		
4.1.3.7	Anemia, unspecified	-	2859					
4.2	Coagulation and hemorrhagic disorders	62	-					
4.2.1	Coagulation defects	-	2860	2861	2862	2863	2864	2865
			2866	2867	2869			

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Diagnosis category		CCHPR code	ICD-9-CM code						
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			
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 30513	2922 2929 V1582	29281 3051	29282 30510	
5.3	Senility and organic mental disorders	68	-						

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Diagnosis category		CCHPR code	ICD-9-CM code					
5.3.7	Other senility and organic mental disorders	-	29011 2909 3311	29012 2940 3312	29013 2941 797	29020 2948	29021 2949	2908 3310
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

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Expanded diagnosis categories¹

Diagnosis category		CCHPR code	ICD-9-CM code					
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
5.10	Personal history of mental disorder,	75	-					

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Expanded diagnosis categories¹

Diagnosis category		CCHPR code	ICD-9-CM code						
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	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	-						
6.3.1	Hemiplegia	-	3420	34200	34201	34202	3421	34210	
			34211	34212	34280	34281	34282	3429	
			34290	34291	34292				
6.3.2	Other paralysis	-	3430	3431	3432	3433	3434	3438	
			3439	3440	34400	34401	34402	34403	
			34404	34409	3441	3442	3443	34430	
			34431	34432	3444	34440	34441	34442	
			3445	34460	3448	34481	34489	3449	
			7814						

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Expanded diagnosis categories¹

Diagnosis category		CCHPR code		ICD-9-CM code					
6.5	Headache, including migraine	84	-						
6.5.1	Migraine	-		3460	34600	34601	3461	34610	34611
				3462	34620	34621	3468	34680	34681
				3469	34690	34691			
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	36101	36102	36103	36104	36105
				36106	36107				
6.7.2.2	Other retinal detachment or defect	-		36110	36111	36112	36113	36114	36119
				3612	36130	36131	36132	36133	36181
				36189	3619				
6.7.2.3	Other retinal disorders	-		36201	36202	36210	36211	36212	36213
				36214	36215	36216	36217	36218	36221
				36229	36230	36231	36232	36233	36234
				36235	36236	36237	36240	36241	36242
				36243	36250	36251	36252	36253	36254
				36255	36256	36257	36260	36261	36262
				36263	36264	36265	36266	36270	36271
				36272	36273	36274	36275	36276	36277
				36281	36282	36283	36284	36285	36289
				3629					
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	-						

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Expanded diagnosis categories¹

Diagnosis category		CCHPR code	ICD-9-CM code					
6.8.1.2	Other otitis media and related conditions	-	0552	38100	38101	38102	38103	38104
			38105	38106	38110	38119	38120	38129
			3813	3814	38150	38151	38152	38160
			38161	38162	38163	3817	38181	38189
			3819	38300	38301	38302	3831	38320
			38321	38322	38330	38331	38332	38333
			38381	38389	3839	38420	38421	38422
			38423	38424	38425	38481	38482	3849
			38500	38501	38502	38503	38509	38510
			38511	38512	38513	38519	38521	38522
			38523	38524	3870	3871	3872	3878
			3879					
6.8.2	Conditions associated with dizziness or vertigo	93	-					
6.8.3	Other ear and sense organ disorders	94	-					
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	3579	3580	3581	3582	3588
			3589	3590	3591	3592	3593	3594
			3595	3596	3598	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				

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Diagnosis category	CCHPR code	ICD-9-CM code						
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 -							
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	40201	40210	40211	40290	40291	
		4030	40300	40301	4031	40310	40311	
		4039	40390	40391	4040	40400	40401	
		40402	40403	4041	40410	40411	40412	
		40413	4049	40490	40491	40492	40493	
7.1.2.2 Other hypertensive complications	-	4010	40501	40509	40511	40519	40591	
		40599	4372					
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	3941	3942	3949	3950	3951	
		3952	3959	3960	3961	3962	3963	
		3968	3969	3970	3971	3979		
7.2.1.2 Nonrheumatic mitral valve disorders	-	4240						
7.2.1.3 Nonrheumatic aortic valve disorders	-	4241						

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Diagnosis category		CCHPR code	ICD-9-CM code					
7.2.2.2	Other peri-, endo-, and myocarditis	-	03282	03640	03641	03642	03643	07420
			07421	07422	07423	11281	11503	11504
			11513	11514	11593	11594	1303	3910
			3911	3912	3918	3919	3920	393
			3980	39890	39899	4200	42090	42091
			42099	4210	4211	4219	4220	42290
			42291	42292	42293	42299	4230	4231
			4232	4238	4239	4290		
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	4263	4264	42650	42651	42652
			42653	42654				
7.2.8.3	Anomalous atrioventricular excitation	-	4267					

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Diagnosis category		CCHPR code	ICD-9-CM code					
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					
7.2.11.2	Heart failure	-	39891	4281	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	43391 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	-					
7.4	Diseases of arteries, arterioles, and capillaries	114 115 116 - 117						
7.4.1	Peripheral and visceral atherosclerosis	114	-					

Appendix C
Expanded diagnosis categories¹

Diagnosis category		CCHPR code	ICD-9-CM code					
7.4.2.2	Other aneurysm	-	4410 4412 4420 44283	44100 4413 4421 44284	44101 4415 4422 44289	44102 4416 4423 4429	44103 4417 44281	4411 4419 44282
7.4.3	Aortic and peripheral arterial embolism or thrombosis	116	-					
7.4.3.1	Arterial embolism and thrombosis of lower extremity artery	-	44422					
7.4.3.2	Other arterial embolism and thrombosis	-	4440	4441	44421	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
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	-					

Appendix C
Expanded diagnosis categories¹

Diagnosis category		CCHPR code	ICD-9-CM code						
8.1.1.1	Pneumococcal pneumonia	-	481						
8.1.1.2	Other bacterial pneumonia	-	00322	0203	0204	0205	0212	0221	
			0310	0391	4820	4821	4822	4823	
			48230	48231	48232	48239	4824	4828	
			48281	48282	48283	48284	48289		
8.1.1.3	Pneumonia, organism unspecified	-	486						
8.1.1.4	Other pneumonia	-	0521	0551	0730	0830	1124	1140	
			1144	1145	11505	11515	11595	1304	
			1363	4800	4801	4802	4808	4809	
			4829	483	4830	4831	4838	4841	
			4843	4845	4846	4847	4848	485	
			5130	5171					
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	0321	0322	0323	0340	460	
			4610	4611	4612	4613	4618	4619	
			462	4640	46410	46411	46420	46421	
			46430	46431	4650				
8.2	Chronic obstructive pulmonary disease and bronchiectasis	127	-						
8.2.1	Emphysema	-	4928						

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Expanded diagnosis categories¹

Diagnosis category		CCHPR code	ICD-9-CM code					
8.3.2	Other and unspecified asthma	-	49300	49301	49310	49311	49390	49391
8.3.2.1	Other asthma without status asthmaticus	-	49300	49310	49390			
8.3.2.2	Other asthma with status asthmaticus	-	49301	49311	49391			
8.4	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					
8.6.2	Other respiratory insufficiency	-	5185	51882	7991	V461		
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	514	5160	5161	5162	5163
			5168	5169	5172	5178	5183	5184
			51889	5194	5198	5199	7825	78600
			78601	78602	78609	7862	7863	7864
			7866	7867	7868	7869	7931	7942
			V126	V426				
8.9	Other upper respiratory disease	134						

Appendix C
Expanded diagnosis categories¹

Diagnosis category		CCHPR code		ICD-9-CM code			
9.4	Upper gastrointestinal disorders	138 139 140 - 141					
9.4.1	Esophageal disorders	138	-				
9.4.1.1	Esophagitis	-	5301	53010	53011	53019	
9.4.1.2	Other esophageal disorders	-	4561 5305 53089	45621 5306 5309	5300 5308	5302 53081	5303 53083 5304 53084
9.4.2	Gastroduodenal ulcer (except hemorrhage)	139	-				
9.4.2.1	Gastric ulcer	-	53110 53170	53111 53171	53130 53190	53131 53191	53150 53151
9.4.2.2	Duodenal ulcer	-	53210 53270	53211 53271	53230 53290	53231 53291	53250 53251
9.4.2.3	Peptic ulcer, site unspecified	-	53310 53370	53311 53371	53330 53390	53331 53391	53350 V1271 53351
9.4.2.4	Gastrojejunal ulcer	-	53410 53470	53411 53471	53430 53490	53431 53491	53450 53451
9.4.3	Gastritis and duodenitis	140	-				
9.4.3.1	Acute gastritis	-	5350	53500	53501		
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	55001	55002	55003	55010 55011

Appendix C
Expanded diagnosis categories¹

Diagnosis category		CCHPR code	ICD-9-CM code					
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				
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			

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Expanded diagnosis categories¹

Diagnosis category		CCHPR code	ICD-9-CM code					
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				
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	57431	57440	57441	57450	57451
			57460	57461	57470	57471	57480	57481
			57490	57491				
9.7.5	Cholecystitis without cholelithiasis	-	5750	5751	57510	57511	57512	
9.7.6	Other biliary tract disease	-	5752	5753	5754	5755	5756	5758
			5759	5760	5761	5762	5763	5764
			5765	5768	5769	7933		
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	5716	5718	5719	5730	5734
			5738	5739	7824	7891	7904	7905
			7948	7949				

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Expanded diagnosis categories¹

Diagnosis category		CCHPR code	ICD-9-CM code					
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
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					
9.12.2	Dysphagia	-	7872					
9.12.3	Other and unspecified gastrointestinal disorders	-	5581 5649 56981 5699 7871 7879 78931 78937 78943 7899 V1279 V453 V554	5582 5680 56982 5790 7873 78791 78932 78939 78944 7921 V416 V473	5641 56881 56983 5791 7874 78799 78933 7894 78945 7934 V441 V535	5645 56882 56984 5792 7875 7892 78934 78940 78946 7936 V442 V551	5647 56889 56985 5798 7876 7893 78935 78941 78947 V127 V443 V552	5648 5689 56989 5799 7877 78930 78936 78942 78949 V1270 V444 V553

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Expanded diagnosis categories¹

Diagnosis category	CCHPR code	ICD-9-CM code					
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					
10.1.7.2 Other and unspecified diseases of bladder and urethra	-	5961 59652 5967	5962 59653 5968	5963 59654 5969	5964 59655 5981	5965 59659 5982	59651 5966 5988

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Expanded diagnosis categories¹

Diagnosis category		CCHPR code		ICD-9-CM code					
10.1.8.3	Other and unspecified genitourinary symptoms	-		5996	5998	59989	5999	7881	7883
				78830	78831	78832	78833	78834	78835
				78836	78837	78839	7884	78841	78842
				78843	7885	7886	78861	78862	78869
				7887	7888	7889	7910	7911	7912
				7913	7914	7917	7919	7935	7944
				V130	V1300	V1309	V417	V435	V445
				V446	V474	V475	V536	V555	V556
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						
10.3.2.4	Other inflammatory diseases of female pelvic organs	-		6140	6141	6142	6143	6144	6145
				6147	6148	6150	6151	6159	61610
				61611	6162	6163	6164	61650	61651
				6168	6169				
10.3.3	Endometriosis	169	-						
10.3.4	Prolapse of female genital organs	170	-						

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Expanded diagnosis categories¹

Diagnosis category	CCHPR code	ICD-9-CM code					
10.3.9.2 Other and unspecified female genital disorders	-	6190	6191	6192	6198	6199	6203
		6204	6205	6206	6207	6208	6209
		6210	6211	6212	6213	6214	6215
		6216	6217	6218	6219	6220	6221
		6222	6223	6224	6225	6226	6227
		6228	6229	6230	6231	6232	6233
		6234	6235	6236	6237	6238	6239
		6240	6241	6242	6243	6244	6245
		6246	6248	6249	6267	6290	6291
		6298	6299	V132	V557	V723	
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 -						
11.1.1 Sterilization	-	V252					
11.1.2 Other contraceptive and procreation management	-	V157	V2501	V2502	V2509	V251	V253
		V2540	V2541	V2542	V2543	V2549	V255
		V258	V259	V260	V261	V262	V263
		V264	V268	V269	V455	V4551	V4552
		V4559					
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						

Appendix C
Expanded diagnosis categories¹

Diagnosis category	CCHPR code	ICD-9-CM code						
11.3.3 Hypertension complicating pregnancy, childbirth and the puerperium	183	-						
11.3.3.1 Preeclampsia and eclampsia	-	64240	64241	64242	64243	64244	64250	
		64251	64252	64253	64254	64260	64261	
		64262	64263	64264	64270	64271	64272	
		64273	64274					
11.3.3.2 Other hypertension in pregnancy	-	64200	64201	64202	64203	64204	64210	
		64211	64212	64213	64214	64220	64221	
		64222	64223	64224	64230	64231	64232	
		64233	64234	64290	64291	64292	64293	
		64294						
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	

Appendix C
Expanded diagnosis categories¹

Diagnosis category		CCHPR code	ICD-9-CM code					
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
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	65201	65203	65210	65211	65213
			65230	65231	65233	65240	65241	65243
			65250	65251	65253	65260	65261	65263
			65270	65271	65273	65280	65281	65283
			65290	65291	65293	66000	66001	66003
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	65301	65303	65310	65311	65313
			65320	65321	65323	65330	65331	65333
			65350	65351	65353	65360	65361	65363
			65370	65371	65373	65380	65381	65383
			65390	65391	65393	66010	66011	66013
			66020	66021	66023	66030	66031	66033
			66040	66041	66043	66050	66051	66053
			66060	66061	66063	66070	66071	66073
			66080	66081	66083	66090	66091	66093

Appendix C
Expanded diagnosis categories¹

Diagnosis category	CCHPR code	ICD-9-CM code					
11.4.5 Polyhydramnios and other problems of amniotic cavity	191	-					
11.4.5.1 Premature rupture of membranes	-	65810	65811	65813			
11.4.5.2 Infection of amniotic cavity	-	65840	65841	65843			
11.4.5.3 Other problems of amniotic cavity	-	65700 65820 65880 7923	65701 65821 65881	65703 65823 65883	65800 65830 65890	65801 65831 65891	65803 65833 65893
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 66350 66380	66301 66351 66381	66303 66353 66383	66340 66360 66390	66341 66361 66391	66343 66363 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 66480	66441 66481	66444 66484	66450 66490	66451 66491	66454 66494

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Expanded diagnosis categories¹

Diagnosis category	CCHPR 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

Appendix C
Expanded diagnosis categories¹

Diagnosis category	CCHPR code	ICD-9-CM code					
		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	65980	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	V235
		V237	V238	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
			65180	65181	65190	65191	65121
11.7.3	Outcome of delivery (V codes)	-	V220	V221	V222	V240	V241
			V270	V271	V272	V273	V274
			V276	V277	V279	V724	V242
							V275
12	Diseases of the skin and subcutaneous tissue	197 198 199 - 200	-				
12.1	Skin and subcutaneous tissue infections	197	-				

Appendix C
Expanded diagnosis categories¹

Diagnosis category	CCHPR code	ICD-9-CM code					
12.1.1.7 Other cellulitis and abscess	-	6821	6822	6825	6828	6829	
12.1.2 Other skin and subcutaneous infections	-	0201	0210	0220	0311	03285	035
		0390	6800	6801	6802	6803	6804
		6805	6806	6807	6808	6809	684
		6850	6851	6860	68600	68601	68609
		6861	6868	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					
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	-					
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

Appendix C
Expanded diagnosis categories¹

Diagnosis category	CCHPR code	ICD-9-CM code					
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					
13.3.3.7 Other back pain and disorders	-	7201	7202	72081	72089	7209	7230
		7231	7232	7233	7235	7236	7237
		7238	7239	72400	72401	72409	7241
		7246	72470	72471	72479	7248	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 Craniofacial anomalies	213 214 215						

Appendix C
Expanded diagnosis categories¹

Diagnosis category	CCHPR code	ICD-9-CM code					
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					
14.1.12 Other cardiac and circulatory congenital anomalies	-	7450	74511	74512	74519	7453	7457
		7458	7459	7461	7462	7464	7465
		7466	7467	74681	74682	74683	74684
		74685	74686	74687	74689	7469	74711
		74720	74721	74722	74729	74740	74741
		74742	74749	7475	7476	74760	74761
		74762	74763	74764	74769	74782	74789
		7479					
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 Hirshsprung's disease	-	7513					
14.2.5 Other digestive congenital anomalies	-	7500	75010	75011	75012	75013	75015
		75016	75019	75021	75022	75023	75024
		75025	75026	75027	75029	7504	7506
		7507	7508	7509	7510	7511	7514
		7515	75160	75161	75162	75169	7517
		7518	7519				
14.3 Genitourinary congenital anomalies	215	-					
14.3.1 Undescended testicle	-	7525	75251	75252			
14.3.2 Hypospadias and epispadias	-	7526	75261	75262			

Appendix C
Expanded diagnosis categories¹

Diagnosis category	CCHPR 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	
14.5.4 All other congenital anomalies	-	74300 74320 74333 74341 74347 74354 74361 74369 74403 74422 74442 74481 7480 74860 7541 75444 75460 75479 75502 75520 75526 75532 75538 75553 75559 75565	74303 74321 74334 74342 74348 74355 74362 7438 74404 74423 74443 74482 7481 74861 7542 75450 75461 75481 75510 75521 75527 75533 75539 75554 75560 75566	74306 74322 74335 74343 74349 74356 74363 7439 74405 74424 74446 74483 7482 74869 75440 75451 75462 75482 75511 75522 75528 75534 7554 75555 75561 75567	74310 74330 74336 74344 74351 74357 74364 74400 74409 74429 74447 74484 7483 7488 75441 75452 75469 75489 75512 75523 75529 75535 75550 75562 75569	74311 74331 74337 74345 74352 74358 74365 74401 7441 7443 74449 74489 7484 7489 75442 75453 75470 75500 75513 75524 75530 75536 75551 75557 75563 7558	74312 74332 74339 74346 74353 74359 74366 74402 74421 74441 7445 7449 7485 7540 75443 75459 75471 75501 75514 75525 75531 75537 75552 75558 75564 7559

Appendix C
Expanded diagnosis categories¹

Diagnosis category		CCHPR code		ICD-9-CM code					
15.1	Liveborn	218	-						
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	7701 7707	7702 7708	7703 7709	7704	7705	
15.7.2	Infections specific to the perinatal period	-	7710 7716	7711 7717	7712 7718	7713	7714	7715	
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 7661 7724 7761 7767 7774 7781 7787	7601 76070 76076 7612 7618 7624 7630 7636 7662 7725 7762 7768 7775 7782 7788	7602 76071 76079 7613 7619 7625 7631 7637 7720 7726 7763 7769 7776 7783 7789	7603 76072 7608 7614 7620 7626 7632 7638 7721 7728 7764 7771 7778 7784 7790	7604 76073 7609 7615 7621 7627 7633 7639 7722 7729 7765 7772 7779 7785 7791	7605 76074 7610 7616 7622 7628 7634 7660 7723 7760 7766 7773 7780 7786 7792	

Appendix C
Expanded diagnosis categories¹

Diagnosis category	CCHPR code	ICD-9-CM code						
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	81350	81351	81352	81353	81354
			81380	81381	81382	81383	81390	81391
			81392	81393				
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	
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
			82380	82381	82382	82390	82391	82392
16.2.4.2 Fracture of ankle	-		8240	8241	8242	8243	8244	8245
			8246	8247	8248	8249		

Appendix C
Expanded diagnosis categories¹

Diagnosis category		CCHPR code	ICD-9-CM code					
16.2.5.2	Fracture of ribs, closed	-	80700 80706	80701 80707	80702 80708	80703 80709	80704	80705
16.2.5.3	Fracture of pelvis	-	8080 80843 8088	8081 80849 8089	8082 80851	8083 80852	80841 80853	80842 80859
16.2.5.4	Other and unspecified fracture	-	80710 80716 8074 8281 V664	80711 80717 8075 8290 V674	80712 80718 8076 8291	80713 80719 8090 9051	80714 8072 8091 9055	80715 8073 8280 V540
16.3	Spinal cord injury	227	-					
16.4	Intracranial injury	233	-					
16.4.1	Concussion	-	8500 8509	8501	8502	8503	8504	8505

Appendix C
Expanded diagnosis categories¹

Diagnosis category	CCHPR 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	80467	80468	80469
		80470	80471	80472	80473	80474	80475

Appendix C
Expanded diagnosis categories¹

Diagnosis category	CCHPR 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 -

Appendix C
Expanded diagnosis categories¹

Diagnosis category	CCHPR code	ICD-9-CM code					
16.10.1.2 Infection and inflammation--internal prosthetic device, implant, and graft	-	9966 99665	99660 99666	99661 99667	99662 99669	99663	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 99694	99681 99689 99695	99682 99690 99696	99683 99691 99699	99684 99692	99685 99693
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	-	99762	9985	99851	99859	9993	
16.10.2.7 Other complications of surgical and medical procedures	-	3490 9093 99709 99791 9986 99889 9995	3491 9954 9972 99799 9987 9989 9996	41511 9970 99760 9980 9988 9990 9997	4582 99700 99761 9982 99881 9991 9998	5121 99701 99769 9983 99882 9992 9999	5190 99702 9979 9984 99883 9994
16.11 Poisoning	241 242 243	-					
16.11.1 Poisoning by psychotropic agents	241	-					
16.11.2 Poisoning by other medications and drugs	242	-					

Appendix C
Expanded diagnosis categories¹

Diagnosis category	CCHPR code	ICD-9-CM code
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	-
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 Classifications for Health Policy Research (CCHPR) categories, individual CCHPR categories, or individual ICD-9-CM codes. For information on constituent ICD-9-CM codes for CCHPR categories listed here, refer to Appendix A.