APPENDIX C—LIST OF COMORBIDITIES—Continued

ICD–9–CM code	Abbreviated code title	Tier 1**	Tier 2**	Tier 3**	Excluded RIC***
011.6	TUBERCULOUS PNEUMONIA*	0	1	0	15
011.60	TB PNEUMONIA-UNSPEC	0	1	0	15
011.61	TB PNEUMONIA-NO EXAM	0	1	0	15
011.62	TB PNEUMONIA-EXAM UNKN	0	1	0	15
011.63	TB PNEUMONIA-MICRO DX	0	1	0	15
011.64	TB PNEUMONIA-CULT DX	0	1	0	15
011.65	TB PNEUMONIA-HISTO DX	0	1	0	15
011.66	TB PNEUMONIA-OTH TEST	0	1	0	15
011.7	TUBERCULOUS PNEUMOTHORAX*	0	1	0	15
011.70	TB PNEUMOTHORAX-UNSPEC	0	1	0	15
011.71	TB PNEUMOTHORAX-NO EXAM	0	1	0	15
011.72	TB PNEUMOTHORX-EXAM UNKN	0	1	0	15
011.73	TB PNEUMOTHORAX-MICRO DX	0	1	0	15
011.74	TB PNEUMOTHORAX-CULT DX	0	1	0	15
011.75	TB PNEUMOTHORAX-HISTO DX	0	1	0	15
011.76	TB PNEUMOTHORAX-OTH TEST	0	1	0	15
011.8	PULMONARY TB NEC*	0	1	0	15
011.80	PULMONARY TB NEC-UNSPEC	0	1	0	15
011.81	PULMONARY TB NEC-NO EXAM	0	1	0	15
011.82	PULMON TB NEC-EXAM UNKN	0	1	0	15
011.83	PULMON TB NEC-MICRO DX	0	1	0	15
011.84	PULMON TB NEC-CULT DX	0	1	0	15
011.85	PULMON TB NEC-HISTO DX	0	1	0	15
011.86	PULMON TB NEC-OTH TEST	0	1	0	15
011.9	PULMONARY TB NOS*	0	1	0	15
011.90	PULMONARY TB NOS-UNSPEC	0	1	0	15
011.91	PULMONARY TB NOS-NO EXAM	0	1	0	15
011.92	PULMON TB NOS-EXAM UNKN	0	1	0	15
011.93	PULMON TB NOS-MICRO DX	0	1	0	15
011.94	PULMON TB NOS-CULT DX	0	1	0	15
011.95	PULMON TB NOS-HISTO DX	0	1	0	15
011.96	PULMON TB NOS-OTH TEST	0	1	0	15
012.	OTHER RESPIRATORY TB*	0	1	0	15
012.0	TUBERCULOUS PLEURISY*	0	1	0	15
012.00	TB PLEURISY-UNSPEC	0	1	0	15
012.01	TB PLEURISY-NO EXAM	0	1	0	15
012.02	TB PLEURISY-EXAM UNKN	0	1	0	15
012.03	TB PLEURISY-MICRO DX	0	1	0	15
012.04	TB PLEURISY-CULT DX	0	1	0	15
012.05	TB PLEURISY-HISTOLOG DX	0	1	0	15
012.06	TB PLEURISY-OTH TEST	0	1	0	15
012.1	TB THORACIC LYMPH NODES*	0	1	0	15
012.10	TB THORACIC NODES-UNSPEC	0	1	0	15
012.11	TB THORAX NODE-NO EXAM	0	1	0	15
012.12	TB THORAX NODE-EXAM UNKN	0	1	0	15
012.13	TB THORAX NODE-MICRO DX	0	1	0	15
012.14	TB THORAX NODE-CULT DX	0	1	0	15
012.15	TB THORAX NODE-HISTO DX	0	1	0	15
012.16	TB THORAX NODE-OTH TEST	0	1	0	15
012.2	ISOLATED TRACH/BRONCH TB*	0	1	0	15
012.20	ISOL TRACHEAL TB-UNSPEC	0	1	0	15
012.21	ISOL TRACHEAL TB-NO EXAM	0	1	0	15
012.22	ISOL TRACH TB-EXAM UNKN	0	1	0	15
012.23	ISOLAT TRACH TB-MICRO DX	0	1	0	15
012.24	ISOL TRACHEAL TB-CULT DX	0	1	0	15
012.25	ISOLAT TRACH TB-HISTO DX	0	1	0	15
012.26	ISOLAT TRACH TB-OTH TEST	0	1	0	15
012.3	TUBERCULOUS LARYNGITIS*	0	1	0	15
012.30	TB LARYNGITIS-UNSPEC	0	1	0	15
012.31	TB LARYNGITIS-NO EXAM	0	1	0	15
012.32	TB LARYNGITIS-EXAM UNKN	0	1	0	15
012.33	TB LARYNGITIS-MICRO DX	0	1	0	15
012.34	TB LARYNGITIS-CULT DX	0	1	0	15
012.35	TB LARYNGITIS-HISTO DX	0	1	0	15
012.36	TB LARYNGITIS-OTH TEST	0	1	0	15
012.8	RESPIRATORY TB NEC*	0	1	0	15
012.80	RESP TB NEC-UNSPEC	0	1	0	15
012.81	RESP TB NEC-NO EXAM	0	1	0	15
012.82	RESP TB NEC-EXAM UNKN	0	1	0	15
012.83	RESP TB NEC-MICRO DX	0	1	0	15
012.84	RESP TB NEC-CULT DX	0	1	0	15

APPENDIX C—LIST OF COMORBIDITIES—Continued

ICD–9–CM code	Abbreviated code title	Tier 1**	Tier 2**	Tier 3**	Excluded RIC***
012.85	RESP TB NEC-HISTO DX	0	1	0	15
012.86	RESP TB NEC-OTH TEST	0	1	0	15
013.	CNS TUBERCULOSIS*	0	1	0	03, 05
013.0	TUBERCULOUS MENINGITIS*	0	1	0	03, 05
013.00	TB MENINGITIS-UNSPEC	0	1	0	03, 05
013.01	TB MENINGITIS-NO EXAM	0	1	0	03, 05
013.02	TB MENINGITIS-EXAM UNKN	0	1	0	03, 05
013.03	TB MENINGITIS-MICRO DX	0	1	0	03, 05
013.04	TB MENINGITIS-CULT DX	0	1	0	03, 05
013.05	TB MENINGITIS-HISTO DX	0	1	0	03, 05
013.06	TB MENINGITIS-OTH TEST	0	1	0	03, 05
013.1	TUBERCULOMA OF MENINGES*	0	1	0	03, 05
013.10	TUBRCLMA MENINGES-UNSPEC	0	1	0	03, 05
013.11	TUBRCLMA MENING-NO EXAM	0	1	0	03, 05
013.12	TUBRCLMA MENIN-EXAM UNKN	0	1	0	03, 05
013.13	TUBRCLMA MENING-MICRO DX	0	1	0	03, 05
013.14	TUBRCLMA MENING-CULT DX	0	1	0	03, 05
013.15	TUBRCLMA MENING-HISTO DX	0	1	0	03, 05
013.16	TUBRCLMA MENING-OTH TEST	0	1	0	03, 05
013.2	TUBERCULOMA OF BRAIN*	0	1	0	03
013.20	TUBERCULOMA BRAIN-UNSPEC	0	1	0	03
013.21	TUBRCLOMA BRAIN-NO EXAM	0	1	0	03
013.22	TUBRCLMA BRAIN-EXAM UNKN	0	1	0	03
013.23	TUBRCLOMA BRAIN-MICRO DX	0	1	0	03
013.24	TUBRCLOMA BRAIN-CULT DX	0	1	0	03
013.25	TUBRCLOMA BRAIN-HISTO DX	0	1	0	03
013.26	TUBRCLOMA BRAIN-OTH TEST	0	1	0	03
013.3	TB ABSCESS OF BRAIN*	0	1	0	03
013.30	TB BRAIN ABSCESS-UNSPEC	0	1	0	03
013.31	TB BRAIN ABSCESS-NO EXAM	0	1	0	03
013.32	TB BRAIN ABSC-EXAM UNKN	0	1	0	03
013.33	TB BRAIN ABSC-MICRO DX	0	1	0	03
013.34	TB BRAIN ABSCESS-CULT DX	0	1	0	03
013.35	TB BRAIN ABSC-HISTO DX	0	1	0	03
013.36	TB BRAIN ABSC-OTH TEST	0	1	0	03
013.4	TUBERCULOMA SPINAL CORD*	0	1	0	05
013.40	TUBRCLMA SP CORD-UNSPEC	0	1	0	05
013.41	TUBRCLMA SP CORD-NO EXAM	0	1	0	05
013.42	TUBRCLMA SP CD-EXAM UNKN	0	1	0	05
013.43	TUBRCLMA SP CRD-MICRO DX	0	1	0	05
013.44	TUBRCLMA SP CORD-CULT DX	0	1	0	05
013.45	TUBRCLMA SP CRD-HISTO DX	0	1	0	05
013.46	TUBRCLMA SP CRD-OTH TEST	0	1	0	05
013.5	TB ABSCESS SPINAL CORD*	0	1	0	05
013.50	TB SP CRD ABSCESS-UNSPEC	0	1	0	05
013.51	TB SP CRD ABSC-NO EXAM	0	1	0	05
013.52	TB SP CRD ABSC-EXAM UNKN	0	1	0	05
013.53	TB SP CRD ABSC-MICRO DX	0	1	0	05
013.54	TB SP CRD ABSC-CULT DX	0	1	0	05
013.55	TB SP CRD ABSC-HISTO DX	0	1	0	05
013.56	TB SP CRD ABSC-OTH TEST	0	1	0	05
013.6	TB ENCEPHALITIS/MYELITIS*	0	1	0	03
013.60	TB ENCEPHALITIS-UNSPEC	0	1	0	03
013.61	TB ENCEPHALITIS-NO EXAM	0	1	0	03
013.62	TB ENCEPHALIT-EXAM UNKN	0	1	0	03
013.63	TB ENCEPHALITIS-MICRO DX	0	1	0	03
013.64	TB ENCEPHALITIS-CULT DX	0	1	0	03
013.65	TB ENCEPHALITIS-HISTO DX	0	1	0	03
013.66	TB ENCEPHALITIS-OTH TEST	0	1	0	03
013.8	CNS TUBERCULOSIS NEC*	0	1	0	03, 05
013.80	CNS TB NEC-UNSPEC	0	1	0	03, 05
013.81	CNS TB NEC-NO EXAM	0	1	0	03, 05
013.82	CNS TB NEC-EXAM UNKN	0	1	0	03, 05
013.83	CNS TB NEC-MICRO DX	0	1	0	03, 05
013.84	CNS TB NEC-CULT DX	0	1	0	03, 05
013.85	CNS TB NEC-HISTO DX	0	1	0	03, 05
013.86	CNS TB NEC-OTH TEST	0	1	0	03, 05
013.9	CNS TUBERCULOSIS NOS*	0	1	0	03, 05
013.90	CNS TB NOS-UNSPEC	0	1	0	03, 05
013.91	CNS TB NOS-NO EXAM	0	1	0	03, 05
013.92	CNS TB NOS-EXAM UNKN	0	1	0	03, 05

APPENDIX C—LIST OF COMORBIDITIES—Continued

ICD–9–CM code	Abbreviated code title	Tier 1**	Tier 2**	Tier 3**	Excluded RIC***
013.93	CNS TB NOS-MICRO DX	0	1	0	03, 05
013.94	CNS TB NOS-CULT DX	0	1	0	03, 05
013.95	CNS TB NOS-HISTO DX	0	1	0	03, 05
013.96	CNS TB NOS-OTH TEST	0	1	0	03, 05
014.	INTESTINAL TB*	0	1	0	
014.0	TUBERCULOUS PERITONITIS*	0	1	0	
014.00	TB PERITONITIS-UNSPEC	0	1	0	
014.01	TB PERITONITIS-NO EXAM	0	1	0	
014.02	TB PERITONITIS-EXAM UNKN	0	1	0	
014.03	TB PERITONITIS-MICRO DX	0	1	0	
014.04	TB PERITONITIS-CULT DX	0	1	0	
014.05	TB PERITONITIS-HISTO DX	0	1	0	
014.06	TB PERITONITIS-OTH TEST	0	1	0	
014.8	INTESTINAL TB NEC*	0	1	0	
014.80	INTESTINAL TB NEC-UNSPEC	0	1	0	
014.81	INTESTIN TB NEC-NO EXAM	0	1	0	
014.82	INTEST TB NEC-EXAM UNKN	0	1	0	
014.83	INTESTIN TB NEC-MICRO DX	0	1	0	
014.84	INTESTIN TB NEC-CULT DX	0	1	0	
014.85	INTESTIN TB NEC-HISTO DX	0	1	0	
014.86	INTESTIN TB NEC-OTH TEST	0	1	0	
015.	TB OF BONE AND JOINT*	0	1	0	03, 09
015.0	TB OF VERTEBRAL COLUMN*	0	1	0	03, 09
015.00	TB OF VERTEBRA-UNSPEC	0	1	0	03, 09
015.01	TB OF VERTEBRA-NO EXAM	0	1	0	03, 09
015.02	TB OF VERTEBRA-EXAM UNKN	0	1	0	03, 09
015.03	TB OF VERTEBRA-MICRO DX	0	1	0	03, 09
015.04	TB OF VERTEBRA-CULT DX	0	1	0	03, 09
015.05	TB OF VERTEBRA-HISTO DX	0	1	0	03, 09
015.06	TB OF VERTEBRA-OTH TEST	0	1	0	03, 09
015.1	TB OF HIP*	0	1	0	09
015.10	TB OF HIP-UNSPEC	0	1	0	09
015.11	TB OF HIP-NO EXAM	0	1	0	09
015.12	TB OF HIP-EXAM UNKN	0	1	0	09
015.13	TB OF HIP-MICRO DX	0	1	0	09
015.14	TB OF HIP-CULT DX	0	1	0	09
015.15	TB OF HIP-HISTO DX	0	1	0	09
015.16	TB OF HIP-OTH TEST	0	1	0	09
015.2	TB OF KNEE*	0	1	0	09
015.20	TB OF KNEE-UNSPEC	0	1	0	09
015.21	TB OF KNEE-NO EXAM	0	1	0	09
015.22	TB OF KNEE-EXAM UNKN	0	1	0	09
015.23	TB OF KNEE-MICRO DX	0	1	0	09
015.24	TB OF KNEE-CULT DX	0	1	0	09
015.25	TB OF KNEE-HISTO DX	0	1	0	09
015.26	TB OF KNEE-OTH TEST	0	1	0	09
015.5	TB OF LIMB BONES*	0	1	0	09, 10, 11
015.50	TB OF LIMB BONES-UNSPEC	0	1	0	09, 10, 11
015.51	TB LIMB BONES-NO EXAM	0	1	0	09, 10, 11
015.52	TB LIMB BONES-EXAM UNKN	0	1	0	09, 10, 11
015.53	TB LIMB BONES-MICRO DX	0	1	0	09, 10, 11
015.54	TB LIMB BONES-CULT DX	0	1	0	09, 10, 11
015.55	TB LIMB BONES-HISTO DX	0	1	0	09, 10, 11
015.56	TB LIMB BONES-OTH TEST	0	1	0	
015.6	TB OF MASTOID*	0	1	0	
015.60	TB OF MASTOID-UNSPEC	0	1	0	
015.61	TB OF MASTOID-NO EXAM	0	1	0	
015.62	TB OF MASTOID-EXAM UNKN	0	1	0	
015.63	TB OF MASTOID-MICRO DX	0	1	0	
015.64	TB OF MASTOID-CULT DX	0	1	0	
015.65	TB OF MASTOID-HISTO DX	0	1	0	
015.66	TB OF MASTOID-OTH TEST	0	1	0	
015.7	TB OF BONE NEC*	0	1	0	09
015.70	TB OF BONE NEC-UNSPEC	0	1	0	09

APPENDIX C—LIST OF COMORBIDITIES—Continued

ICD–9–CM code	Abbreviated code title	Tier 1**	Tier 2**	Tier 3**	Excluded RIC***
015.71	TB OF BONE NEC-NO EXAM	0	1	0	09
015.72	TB OF BONE NEC-EXAM UNKN	0	1	0	09
015.73	TB OF BONE NEC-MICRO DX	0	1	0	09
015.74	TB OF BONE NEC-CULT DX	0	1	0	09
015.75	TB OF BONE NEC-HISTO DX	0	1	0	09
015.76	TB OF BONE NEC-OTH TEST	0	1	0	09
015.8	TB OF JOINT NEC*	0	1	0	09
015.80	TB OF JOINT NEC-UNSPEC	0	1	0	09
015.81	TB OF JOINT NEC-NO EXAM	0	1	0	09
015.82	TB JOINT NEC–EXAM UNKN	0	1	0	09
015.83	TB OF JOINT NEC–MICRO DX	0	1	0	09
015.84	TB OF JOINT NEC–CULT DX	0	1	0	09
015.85	TB OF JOINT NEC–HISTO DX	0	1	0	09
015.86	TB OF JOINT NEC–OTH TEST	0	1	0	09
015.9	TB OF BONE & JOINT NOS*	0	1	0	09
015.90	TB BONE/JOINT NOS–UNSPEC	0	1	0	09
015.91	TB BONE/JT NOS–NO EXAM	0	1	0	09
015.92	TB BONE/JT NOS–EXAM UNKN	0	1	0	09
015.93	TB BONE/JT NOS–MICRO DX	0	1	0	09
015.94	TB BONE/JT NOS–CULT DX	0	1	0	09
015.95	TB BONE/JT NOS–HISTO DX	0	1	0	09
015.96	TB BONE/JT NOS–OTH TEST	0	1	0	09
016.	GENITOURINARY TB*	0	1	0	
016.0	TB OF KIDNEY*	0	1	0	
016.00	TB OF KIDNEY–UNSPEC	0	1	0	
016.01	TB OF KIDNEY–NO EXAM	0	1	0	
016.02	TB OF KIDNEY–EXAM UNKN	0	1	0	
016.03	TB OF KIDNEY–MICRO DX	0	1	0	
016.04	TB OF KIDNEY–CULT DX	0	1	0	
016.05	TB OF KIDNEY–HISTO DX	0	1	0	
016.06	TB OF KIDNEY–OTH TEST	0	1	0	
016.1	TB OF BLADDER*	0	1	0	
016.10	TB OF BLADDER–UNSPEC	0	1	0	
016.11	TB OF BLADDER–NO EXAM	0	1	0	
016.12	TB OF BLADDER–EXAM UNKN	0	1	0	
016.13	TB OF BLADDER–MICRO DX	0	1	0	
016.14	TB OF BLADDER–CULT DX	0	1	0	
016.15	TB OF BLADDER–HISTO DX	0	1	0	
016.16	TB OF BLADDER–OTH TEST	0	1	0	
016.2	TB OF URETER*	0	1	0	
016.20	TB OF URETER–UNSPEC	0	1	0	
016.21	TB OF URETER–NO EXAM	0	1	0	
016.22	TB OF URETER–EXAM UNKN	0	1	0	
016.23	TB OF URETER–MICRO DX	0	1	0	
016.24	TB OF URETER–CULT DX	0	1	0	
016.25	TB OF URETER–HISTO DX	0	1	0	
016.26	TB OF URETER–OTH TEST	0	1	0	
016.3	TB OF URINARY ORGAN NEC*	0	1	0	
016.30	TB URINARY NEC–UNSPEC	0	1	0	
016.31	TB URINARY NEC–NO EXAM	0	1	0	
016.32	TB URINARY NEC–EXAM UNKN	0	1	0	
016.33	TB URINARY NEC–MICRO DX	0	1	0	
016.34	TB URINARY NEC–CULT DX	0	1	0	
016.35	TB URINARY NEC–HISTO DX	0	1	0	
016.36	TB URINARY NEC–OTH TEST	0	1	0	
016.4	TB OF EPIDIDYMIS*	0	1	0	
016.40	TB EPIDIDYMIS–UNSPEC	0	1	0	
016.41	TB EPIDIDYMIS–NO EXAM	0	1	0	
016.42	TB EPIDIDYMIS–EXAM UNKN	0	1	0	
016.43	TB EPIDIDYMIS–MICRO DX	0	1	0	
016.44	TB EPIDIDYMIS–CULT DX	0	1	0	
016.45	TB EPIDIDYMIS–HISTO DX	0	1	0	
016.46	TB EPIDIDYMIS–OTH TEST	0	1	0	
016.5	TB MALE GENITAL ORG NEC*	0	1	0	
016.50	TB MALE GENIT NEC–UNSPEC	0	1	0	
016.51	TB MALE GEN NEC–NO EXAM	0	1	0	
016.52	TB MALE GEN NEC–EX UNKN	0	1	0	
016.53	TB MALE GEN NEC–MICRO DX	0	1	0	
016.54	TB MALE GEN NEC–CULT DX	0	1	0	
016.55	TB MALE GEN NEC–HISTO DX	0	1	0	
016.56	TB MALE GEN NEC–OTH TEST	0	1	0	

APPENDIX C—LIST OF COMORBIDITIES—Continued

ICD–9–CM code	Abbreviated code title	Tier 1**	Tier 2**	Tier 3**	Excluded RIC***
016.6	TB OF OVARY AND TUBE*	0	1	0	
016.60	TB OVARY & TUBE–UNSPEC	0	1	0	
016.61	TB OVARY & TUBE–NO EXAM	0	1	0	
016.62	TB OVARY/TUBE–EXAM UNKN	0	1	0	
016.63	TB OVARY & TUBE–MICRO DX	0	1	0	
016.64	TB OVARY & TUBE–CULT DX	0	1	0	
016.65	TB OVARY & TUBE–HISTO DX	0	1	0	
016.66	TB OVARY & TUBE–OTH TEST	0	1	0	
016.7	TB FEMALE GENIT ORG NEC*	0	1	0	
016.70	TB FEMALE GEN NEC–UNSPEC	0	1	0	
016.71	TB FEM GEN NEC–NO EXAM	0	1	0	
016.72	TB FEM GEN NEC–EXAM UNKN	0	1	0	
016.73	TB FEM GEN NEC–MICRO DX	0	1	0	
016.74	TB FEM GEN NEC–CULT DX	0	1	0	
016.75	TB FEM GEN NEC–HISTO DX	0	1	0	
016.76	TB FEM GEN NEC–OTH TEST	0	1	0	
016.9	GENITOURINARY TB NOS*	0	1	0	
016.90	GU TB NOS–UNSPEC	0	1	0	
016.91	GU TB NOS–NO EXAM	0	1	0	
016.92	GU TB NOS–EXAM UNKN	0	1	0	
016.93	GU TB NOS–MICRO DX	0	1	0	
016.94	GU TB NOS–CULT DX	0	1	0	
016.95	GU TB NOS–HISTO DX	0	1	0	
016.96	GU TB NOS–OTH TEST	0	1	0	
017.	TUBERCULOSIS NEC*	0	1	0	
017.0	TB SKIN & SUBCUTANEOUS*	0	1	0	
017.00	TB SKIN/SUBCUTAN–UNSPEC	0	1	0	
017.01	TB SKIN/SUBCUT–NO EXAM	0	1	0	
017.02	TB SKIN/SUBCUT–EXAM UNKN	0	1	0	
017.03	TB SKIN/SUBCUT–MICRO DX	0	1	0	
017.04	TB SKIN/SUBCUT–CULT DX	0	1	0	
017.05	TB SKIN/SUBCUT–HISTO DX	0	1	0	
017.06	TB SKIN/SUBCUT–OTH TEST	0	1	0	
017.1	ERYTHEMA NODOSUM IN TB*	0	1	0	
017.10	ERYTHEMA NODOS TB–UNSPEC	0	1	0	
017.11	ERYTHEM NODOS TB–NO EXAM	0	1	0	
017.12	ERYTHEM NOD TB–EXAM UNKN	0	1	0	
017.13	ERYTHEM NOD TB–MICRO DX	0	1	0	
017.14	ERYTHEM NODOS TB–CULT DX	0	1	0	
017.15	ERYTHEM NOD TB–HISTO DX	0	1	0	
017.16	ERYTHEM NOD TB–OTH TEST	0	1	0	
017.2	TB OF PERIPH LYMPH NODE*	0	1	0	
017.20	TB PERIPH LYMPH–UNSPEC	0	1	0	
017.21	TB PERIPH LYMPH–NO EXAM	0	1	0	
017.22	TB PERIPH LYMPH–EXAM UNK	0	1	0	
017.23	TB PERIPH LYMPH–MICRO DX	0	1	0	
017.24	TB PERIPH LYMPH–CULT DX	0	1	0	
017.25	TB PERIPH LYMPH–HISTO DX	0	1	0	
017.26	TB PERIPH LYMPH–OTH TEST	0	1	0	
017.3	TB OF EYE*	0	1	0	
017.30	TB OF EYE–UNSPEC	0	1	0	
017.31	TB OF EYE–NO EXAM	0	1	0	
017.32	TB OF EYE–EXAM UNKN	0	1	0	
017.33	TB OF EYE–MICRO DX	0	1	0	
017.34	TB OF EYE–CULT DX	0	1	0	
017.35	TB OF EYE–HISTO DX	0	1	0	
017.36	TB OF EYE–OTH TEST	0	1	0	
017.4	TB OF EAR*	0	1	0	
017.40	TB OF EAR–UNSPEC	0	1	0	
017.41	TB OF EAR–NO EXAM	0	1	0	
017.42	TB OF EAR–EXAM UNKN	0	1	0	
017.43	TB OF EAR–MICRO DX	0	1	0	
017.44	TB OF EAR–CULT DX	0	1	0	
017.45	TB OF EAR–HISTO DX	0	1	0	
017.46	TB OF EAR–OTH TEST	0	1	0	
017.5	TB OF THYROID GLAND*	0	1	0	
017.50	TB OF THYROID–UNSPEC	0	1	0	
017.51	TB OF THYROID–NO EXAM	0	1	0	
017.52	TB OF THYROID–EXAM UNKN	0	1	0	
017.53	TB OF THYROID–MICRO DX	0	1	0	
017.54	TB OF THYROID–CULT DX	0	1	0	

APPENDIX C—LIST OF COMORBIDITIES—Continued

ICD–9–CM code	Abbreviated code title	Tier 1**	Tier 2**	Tier 3**	Excluded RIC***
017.55	TB OF THYROID–HISTO DX	0	1	0	
017.56	TB OF THYROID–OTH TEST	0	1	0	
017.6	TB OF ADRENAL GLAND*	0	1	0	
017.60	TB OF ADRENAL–UNSPEC	0	1	0	
017.61	TB OF ADRENAL–NO EXAM	0	1	0	
017.62	TB OF ADRENAL–EXAM UNKN	0	1	0	
017.63	TB OF ADRENAL–MICRO DX	0	1	0	
017.64	TB OF ADRENAL–CULT DX	0	1	0	
017.65	TB OF ADRENAL–HISTO DX	0	1	0	
017.7	TB OF SPLEEN*	0	1	0	
017.70	TB OF SPLEEN–UNSPEC	0	1	0	
017.71	TB OF SPLEEN–NO EXAM	0	1	0	
017.72	TB OF SPLEEN–EXAM UNKN	0	1	0	
017.73	TB OF SPLEEN–MICRO DX	0	1	0	
017.74	TB OF SPLEEN–CULT DX	0	1	0	
017.75	TB OF SPLEEN–HISTO DX	0	1	0	
017.76	TB OF SPLEEN–OTH TEST	0	1	0	
017.8	TB OF ESOPHAGUS*	0	1	0	
017.80	TB ESOPHAGUS–UNSPEC	0	1	0	
017.81	TB ESOPHAGUS–NO EXAM	0	1	0	
017.82	TB ESOPHAGUS–EXAM UNKN	0	1	0	
017.83	TB ESOPHAGUS–MICRO DX	0	1	0	
017.84	TB ESOPHAGUS–CULT DX	0	1	0	
017.85	TB ESOPHAGUS–HISTO DX	0	1	0	
017.86	TB ESOPHAGUS–OTH TEST	0	1	0	
017.9	TB OF ORGAN NEC*	0	1	0	
017.90	TB OF ORGAN NEC–UNSPEC	0	1	0	
017.91	TB OF ORGAN NEC–NO EXAM	0	1	0	
017.92	TB ORGAN NEC–EXAM UNKN	0	1	0	
017.93	TB OF ORGAN NEC–MICRO DX	0	1	0	
017.94	TB OF ORGAN NEC–CULT DX	0	1	0	
017.95	TB OF ORGAN NEC–HISTO DX	0	1	0	
017.96	TB OF ORGAN NEC–OTH TEST	0	1	0	
018.	MILIARY TUBERCULOSIS*	0	1	0	
018.0	ACUTE MILIARY TB*	0	1	0	
018.00	ACUTE MILIARY TB–UNSPEC	0	1	0	
018.01	ACUTE MILIARY TB–NO EXAM	0	1	0	
018.02	AC MILIARY TB–EXAM UNKN	0	1	0	
018.03	AC MILIARY TB–MICRO DX	0	1	0	
018.04	ACUTE MILIARY TB–CULT DX	0	1	0	
018.05	AC MILIARY TB–HISTO DX	0	1	0	
018.06	AC MILIARY TB–OTH TEST	0	1	0	
018.8	MILIARY TB NEC*	0	1	0	
018.80	MILIARY TB NEC–UNSPEC	0	1	0	
018.81	MILIARY TB NEC–NO EXAM	0	1	0	
018.82	MILIARY TB NEC–EXAM UNKN	0	1	0	
018.83	MILIARY TB NEC–MICRO DX	0	1	0	
018.84	MILIARY TB NEC–CULT DX	0	1	0	
018.85	MILIARY TB NEC–HISTO DX	0	1	0	
018.86	MILIARY TB NEC–OTH TEST	0	1	0	
018.9	MILIARY TUBERCULOSIS NOS*	0	1	0	
018.90	MILIARY TB NOS–UNSPEC	0	1	0	
018.91	MILIARY TB NOS–NO EXAM	0	1	0	
018.92	MILIARY TB NOS–EXAM UNKN	0	1	0	
018.93	MILIARY TB NOS–MICRO DX	0	1	0	
018.94	MILIARY TB NOS–CULT DX	0	1	0	
018.95	MILIARY TB NOS–HISTO DX	0	1	0	
018.96	MILIARY TB NOS–OTH TEST	0	1	0	
027.0	LISTERIOSIS	0	1	0	
027.1	ERYSIPELOTHRIX INFECTION	0	1	0	
027.2	PASTEURELLOSIS	0	1	0	
027.8	ZOONOTIC BACT DIS NEC	0	1	0	
027.9	ZOONOTIC BACT DIS NOS	0	1	0	
036.0	MENINGOCOCCAL MENINGITIS	0	1	0	03, 05
038.0	STREPTOCOCCAL SEPTICEMIA	0	1	0	
038.1	STAPHYLOCOCC SEPTICEMIA*	0	1	0	
038.10	STAPHYLCOCC SEPTICEM NOS	0	1	0	
038.11	STAPH AUREUS SEPTICEMIA	0	1	0	
038.19	STAPHYLCOCC SEPTICEM NEC	0	1	0	
038.2	PNEUMOCOCCAL SEPTICEMIA	0	1	0	
038.3	ANAEROBIC SEPTICEMIA	0	1	0	

APPENDIX C—LIST OF COMORBIDITIES—Continued

ICD–9–CM code	Abbreviated code title	Tier 1**	Tier 2**	Tier 3**	Excluded RIC***
038.4	GRAM–NEG SEPTICEMIA NEC*	0	1	0	
038.40	GRAM–NEG SEPTICEMIA NOS	0	1	0	
038.41	H. INFLUENAE SEPTICEMIA	0	1	0	
038.42	E COLI SEPTICEMIA	0	1	0	
038.43	PSEUDOMONAS SEPTICEMIA	0	1	0	
038.44	SERRATIA SEPTICEMIA	0	1	0	
038.49	GRAM–NEG SEPTICEMIA NEC	0	1	0	
038.8	SEPTICEMIA NEC	0	1	0	
038.9	SEPTICEMIA NOS	0	1	0	
041.7	PSEUDOMONAS INFECT NOS	0	1	0	
042.	HUMAN IMMUNO VIRUS DIS	0	1	0	
047.8	VIRAL MENINGITIS NEC	0	1	0	03, 05
047.9	VIRAL MENINGITIS NOS	0	1	0	03, 05
048.	OTH ENTEROVIRAL CNS DIS	0	1	0	03, 05
049.0	LYMPHOCYTIC CHORIOMENING	0	1	0	03, 05
049.9	VIRAL ENCEPHALITIS NOS	0	1	0	03
052.0	POSTVARICELLA ENCEPHALIT	0	1	0	03
053.0	HERPES ZOSTER MENINGITIS	0	1	0	03, 05
053.13	POSTHERPES POLYNEUROPATH	0	1	0	06
054.3	HERPETIC ENCEPHALITIS	0	1	0	03
054.5	HERPETIC SEPTICEMIA	0	1	0	03
054.72	H SIMPLEX MENINGITIS	0	1	0	03, 05
055.0	POSTMEASLES ENCEPHALITIS	0	1	0	03
072.1	MUMPS MENINGITIS	0	1	0	03, 05
072.2	MUMPS ENCEPHALITIS	0	1	0	03
079.50	RETROVIRUS–UNSPECIFIED	0	1	0	
079.51	HTLV–1 INFECTION OTH DIS	0	1	0	06
079.52	HTLV–II INFECTN OTH DIS	0	1	0	06
079.53	HIV–2 INFECTION OTH DIS	0	1	0	
079.59	OTH SPECFIED RETROVIRUS	0	1	0	
090.42	CONGEN SYPH MENINGITIS	0	1	0	03, 05
094.2	SYPHILITIC MENINGITIS	0	1	0	03, 05
098.89	GONOCOCCAL INF SITE NEC	0	1	0	
114.2	COCCIDIOIDAL MENINGITIS	0	1	0	03, 05
115.	HISTOPLASMOSIS*	0	1	0	15
115.0	HISTOPLASMA CAPSULATUM*	0	1	0	15
115.00	HISTOPLASMA CAPSULAT NOS	0	1	0	15
115.01	HISTOPLASM CAPSUL MENING	0	1	0	03, 05
115.02	HISTOPLASM CAPSUL RETINA	0	1	0	
115.03	HISTOPLASM CAPS PERICARD	0	1	0	14
115.04	HISTOPLASM CAPS ENDOCARD	0	1	0	14
115.05	HISTOPLASM CAPS PNEUMON	0	1	0	15
115.09	HISTOPLASMA CAPSULAT NEC	0	1	0	15
115.1	HISTOPLASMA DUBOISII*	0	1	0	15
115.10	HISTOPLASMA DUBOISII NOS	0	1	0	
115.11	HISTOPLASM DUBOIS MENING	0	1	0	03, 05
115.12	HISTOPLASM DUBOIS RETINA	0	1	0	
115.13	HISTOPLASM DUB PERICARD	0	1	0	14
115.14	HISTOPLASM DUB ENDOCARD	0	1	0	14
115.15	HISTOPLASM DUB PNEUMONIA	0	1	0	15
115.19	HISTOPLASMA DUBOISII NEC	0	1	0	15
115.9	HISTOPLASMOSIS UNSPEC *	0	1	0	15
115.90	HISTOPLASMOSIS NOS	0	1	0	15
115.91	HISTOPLASMOSIS MENINGIT	0	1	0	03, 05
115.92	HISTOPLASMOSIS RETINITIS	0	1	0	
115.93	HISTOPLASMOSIS PERICARD	0	1	0	14
115.94	HISTOPLASMOSIS ENDOCARD	0	1	0	14
115.95	HISTOPLASMOSIS PNEUMONIA	0	1	0	15
115.99	HISTOPLASMOSIS NEC	0	1	0	15
130.0	TOXOPLASM MENINGOENCEPH	0	1	0	03, 05
139.0	LATE EFF VIRAL ENCEPHAL	0	1	0	03
320.0	HEMOPHILUS MENINGITIS	0	1	0	03, 05
320.1	PNEUMOCOCCAL MENINGITIS	0	1	0	03, 05
320.2	STREPTOCOCCAL MENINGITIS	0	1	0	03, 05
320.3	STAPHYLOCOCC MENINGITIS	0	1	0	03, 05
320.7	MENING IN OTH BACT DIS	0	1	0	03, 05
320.81	ANAEROBIC MENINGITIS	0	1	0	03, 05
320.82	MNINGTS GRAM–NEG BCT NEC	0	1	0	03, 05
320.89	MENINGITIS OTH SPCF BACT	0	1	0	03, 05
320.9	BACTERIAL MENINGITIS NOS	0	1	0	03, 05
321.0	CRYPTOCOCCAL MENINGITIS	0	1	0	03, 05

APPENDIX C—LIST OF COMORBIDITIES—Continued

ICD–9–CM code	Abbreviated code title	Tier 1**	Tier 2**	Tier 3**	Excluded RIC***
321.1	MENING IN OTH FUNGAL DIS	0	1	0	03, 05
321.2	MENING IN OTH VIRAL DIS	0	1	0	03, 05
321.3	TRYPANOSOMIASIS MENINGIT	0	1	0	03, 05
321.4	MENINGIT D/T SARCOIDOSIS	0	1	0	03, 05
321.8	MENING IN OTH NONBAC DIS	0	1	0	03, 05
322.0	NONPYOGENIC MENINGITIS	0	1	0	03, 05
322.2	CHRONIC MENINGITIS	0	1	0	03, 05
322.9	MENINGITIS NOS	0	1	0	03, 05
323.6	POSTINFECT ENCEPHALITIS	0	1	0	03
323.8	ENCEPHALITIS NEC	0	1	0	03
323.9	ENCEPHALITIS NOS	0	1	0	03
356.4	IDIO PROG POLYNEUROPATHY	0	1	0	03, 06, 19
376.01	ORBITAL CELLULITIS	0	1	0	.....
438.82	LATE EF CV DIS DYSPHAGIA	0	1	0	01
528.3	CELLULITIS/ABSCESS MOUTH	0	1	0	.....
682.	OTHER CELLULITIS/ABSCESS*	0	1	0	.....
682.0	CELLULITIS OF FACE	0	1	0	.....
682.1	CELLULITIS OF NECK	0	1	0	.....
682.2	CELLULITIS OF TRUNK	0	1	0	.....
682.3	CELLULITIS OF ARM	0	1	0	.....
682.4	CELLULITIS OF HAND	0	1	0	.....
682.5	CELLULITIS OF BUTTOCK	0	1	0	.....
682.6	CELLULITIS OF LEG	0	1	0	10
682.7	CELLULITIS OF FOOT	0	1	0	10
682.8	CELLULITIS SITE NEC	0	1	0	.....
785.4	GANGRENE	0	1	0	10, 11
787.2	DYSPHAGIA	0	1	0	01
799.4	CACHEXIA	0	1	0	.....
998.5	POSTOPERATIVE INFECTION*	0	1	0	.....
998.51	INFECTED POSTOP SEROMA	0	1	0	.....
998.59	OTHER POSTOP INFECTION	0	1	0	.....
V451	RENAL DIALYSIS STATUS	0	1	0	.....
036.2	MENINGOCOCCEMIA	0	0	1	03, 05
036.3	MENINGOCOCC ADRENAL SYND	0	0	1	05
036.40	MENINGOCOCC CARDITIS NOS	0	0	1	14
036.42	MENINGOCOCC ENDOCARDITIS	0	0	1	14
036.43	MENINGOCOCC MYOCARDITIS	0	0	1	14
037.	TETANUS	0	0	1	06
052.1	VARICELLA PNEUMONITIS	0	0	1	15
054.79	H SIMPLEX COMPLICAT NEC	0	0	1	.....
055.1	POSTMEASLES PNEUMONIA	0	0	1	15
070.20	HPT B ACTE COMA WO DLTA	0	0	1	03
070.21	HPT B ACTE COMA W DLTA	0	0	1	03
070.22	HPT B CHRN COMA WO DLTA	0	0	1	03
070.23	HPT B CHRN COMA W DLTA	0	0	1	03
070.41	HPT C ACUTE W HEPAT COMA	0	0	1	03
070.42	HPT DLT WO B W HPT COMA	0	0	1	03
070.43	HPT E W HEPAT COMA	0	0	1	03
070.44	CHRNC HPT C W HEPAT COMA	0	0	1	03
070.49	OTH VRL HEPAT W HPT COMA	0	0	1	03
070.6	VIRAL HEPAT NOS W COMA	0	0	1	03
072.3	MUMPS PANCREATITIS	0	0	1	.....
093.20	SYPHIL ENDOCARDITIS NOS	0	0	1	14
093.82	SYPHILITIC MYOCARDITIS	0	0	1	14
094.87	SYPH RUPT CEREB ANEURYSM	0	0	1	01, 03
130.3	TOXOPLASMA MYOCARDITIS	0	0	1	14
130.4	TOXOPLASMA PNEUMONITIS	0	0	1	15
136.3	PNEUMOCYSTOSIS	0	0	1	15
204.00	ACT LYM LEUK W/O RMSION	0	0	1	.....
205.00	ACT MYL LEUK W/O RMSION	0	0	1	.....
206.00	ACT MONO LEUK W/O RMSION	0	0	1	.....
207.00	ACT ERTH/ERYLK W/O RMSON	0	0	1	.....
208.00	ACT LEUK UNS CL W/O RMSN	0	0	1	.....
250.40	DMII RENL NT ST UNCNTRLD	0	0	1	.....
250.41	DMI RENL NT ST UNCNTRLD	0	0	1	.....
250.42	DMII RENAL UNCNTRLD	0	0	1	.....
250.43	DMI RENAL UNCNTRLD	0	0	1	.....
250.50	DMII OPHTH NT ST UNCNTRL	0	0	1	.....
250.51	DMI OPHTH NT ST UNCNTRLD	0	0	1	.....
250.52	DMII OPHTH UNCNTRLD	0	0	1	.....

APPENDIX C—LIST OF COMORBIDITIES—Continued

ICD–9–CM code	Abbreviated code title	Tier 1**	Tier 2**	Tier 3**	Excluded RIC***
250.53	DMI OPHTH UNCNTRLD	0	0	1	
250.60	DMII NEURO NT ST UNCNTRL	0	0	1	06
250.61	DMI NEURO NT ST UNCNTRLD	0	0	1	06
250.62	DMII NEURO UNCNTRLD	0	0	1	06
250.63	DMI NEURO UNCNTRLD	0	0	1	06
250.70	DMII CIRC NT ST UNCNTRLD	0	0	1	
250.71	DMI CIRC NT ST UNCNTRLD	0	0	1	
250.72	DMII CIRC UNCNTRLD	0	0	1	
250.73	DMI CIRC UNCNTRLD	0	0	1	
250.80	DMII OTH NT ST UNCNTRLD	0	0	1	
250.81	DMI OTH NT ST UNCNTRLD	0	0	1	
250.82	DMII OTH UNCNTRLD	0	0	1	
250.83	DMI OTH UNCNTRLD	0	0	1	
250.90	DMII UNSPF NT ST UNCNTRL	0	0	1	
250.91	DMI UNSPF NT ST UNCNTRLD	0	0	1	
250.92	DMII UNSPF UNCNTRLD	0	0	1	
250.93	DMI UNSPF UNCNTRLD	0	0	1	
277.00	CYSTIC FIBROS W/O ILEUS	0	0	1	15
277.01	CYSTIC FIBROSIS W ILEUS	0	0	1	15
278.01	MORBID OBESITY	0	0	1	
282.60	SICKLE-CELL ANEMIA NOS	0	0	1	
282.61	HB-S DISEASE W/O CRISIS	0	0	1	
282.62	HB-S DISEASE WITH CRISIS	0	0	1	
282.63	SICKLE-CELL/HB-C DISEASE	0	0	1	
282.69	SICKLE-CELL ANEMIA NEC	0	0	1	
284.0	CONGEN APLASTIC ANEMIA	0	0	1	
284.8	APLASTIC ANEMIAS NEC	0	0	1	
284.9	APLASTIC ANEMIA NOS	0	0	1	
286.0	CONG FACTOR VIII DIORD	0	0	1	
286.1	CONG FACTOR IX DISORDER	0	0	1	
286.6	DEFIBRINATION SYNDROME	0	0	1	
324.0	INTRACRANIAL ABSCESS	0	0	1	03
324.1	INTRASPINAL ABSCESS	0	0	1	03
324.9	CNS ABSCESS NOS	0	0	1	03
342.00	FLCCD HMIPLGA UNSPF SIDE	0	0	1	01
342.01	FLCCD HMIPLGA DOMNT SIDE	0	0	1	01
342.02	FLCCD HMIPLG NONDMNT SDE	0	0	1	01
342.10	SPSTC HMIPLGA UNSPF SIDE	0	0	1	01
342.11	SPSTC HMIPLGA DOMNT SIDE	0	0	1	01
342.12	SPSTC HMIPLG NONDMNT SDE	0	0	1	01
342.80	OT SP HMIPLGA UNSPF SIDE	0	0	1	01
342.81	OT SP HMIPLGA DOMNT SIDE	0	0	1	01
342.82	OT SP HMIPLG NONDMNT SDE	0	0	1	01
342.90	UNSP HEMIPLGA UNSPF SIDE	0	0	1	01
342.91	UNSP HEMIPLGA DOMNT SIDE	0	0	1	01
342.92	UNSP HMIPLGA NONDMNT SDE	0	0	1	01
345.11	GEN CNV EPIL W INTR EPIL	0	0	1	02, 03
345.3	GRAND MAL STATUS	0	0	1	02, 03
348.1	ANOXIC BRAIN DAMAGE	0	0	1	02, 03
357.2	NEUROPATHY IN DIABETES	0	0	1	06
376.02	ORBITAL PERIOSTITIS	0	0	1	
376.03	ORBITAL OSTEOMYELITIS	0	0	1	
398.0	RHEUMATIC MYOCARDITIS	0	0	1	14
403.01	MAL HYP REN W RENAL FAIL	0	0	1	
404.01	MAL HYPER HRT/REN W CHF	0	0	1	14
404.03	MAL HYP HRT/REN W CHF&RF	0	0	1	14
410.01	AMI ANTEROLATERAL, INIT	0	0	1	14
410.11	AMI ANTERIOR WALL, INIT	0	0	1	14
410.21	AMI INFEROLATERAL, INIT	0	0	1	14
410.31	AMI INFEROPOST, INITIAL	0	0	1	14
410.41	AMI INFERIOR WALL, INIT	0	0	1	14
410.51	AMI LATERAL NEC, INITIAL	0	0	1	14
410.61	TRUE POST INFARCT, INIT	0	0	1	14
410.71	SUBENDO INFARCT, INITIAL	0	0	1	14
410.81	AMI NEC, INITIAL	0	0	1	14
410.91	AMI NOS, INITIAL	0	0	1	14
415.1	PULMON EMBOLISM/INFARCT*	0	0	1	15
415.11	IATROGEN PULM EMB/INFARC	0	0	1	15
415.19	PULM EMBOL/INFARCT NEC	0	0	1	15
421.0	AC/SUBAC BACT ENDOCARD	0	0	1	14
421.1	AC ENDOCARDIT IN OTH DIS	0	0	1	14

APPENDIX C—LIST OF COMORBIDITIES—Continued

ICD–9–CM code	Abbreviated code title	Tier 1**	Tier 2**	Tier 3**	Excluded RIC***
421.9	AC/SUBAC ENDOCARDIT NOS	0	0	1	14
422.0	AC MYOCARDIT IN OTH DIS	0	0	1	14
422.90	ACUTE MYOCARDITIS NOS	0	0	1	14
422.91	IDIOPATHIC MYOCARDITIS	0	0	1	14
422.92	SEPTIC MYOCARDITIS	0	0	1	14
422.93	TOXIC MYOCARDITIS	0	0	1	14
422.99	ACUTE MYOCARDITIS NEC	0	0	1	14
427.41	VENTRICULAR FIBRILLATION	0	0	1	14
427.5	CARDIAC ARREST	0	0	1	14
430.	SUBARACHNOID HEMORRHAGE	0	0	1	01, 02, 03
431.	INTRACEREBRAL HEMORRHAGE	0	0	1	01, 02, 03
432.0	NONTRAUM EXTRADURAL HEM	0	0	1	01, 02, 03
432.1	SUBDURAL HEMORRHAGE	0	0	1	01, 02, 03
433.01	OCL BSLR ART W INFRCT	0	0	1	01
433.11	OCL CRTD ART W INFRCT	0	0	1	01
433.21	OCL VRTB ART W INFRCT	0	0	1	01
433.31	OCL MLT BI ART W INFRCT	0	0	1	01
433.81	OCL SPCF ART W INFRCT	0	0	1	01
433.91	OCL ART NOS W INFRCT	0	0	1	01
434.01	CRBL THRMBS W INFRCT	0	0	1	01
434.11	CRBL EMBLSM W INFRCT	0	0	1	01
434.91	CRBL ART OCL NOS W INFRC	0	0	1	01
436.	CVA	0	0	1	01
440.23	ATH EXT NTV ART ULCRTION	0	0	1	10, 11
440.24	ATH EXT NTV ART GNGRENE	0	0	1	10, 11
441.0	DISSECTING ANEURYSM*	0	0	1	.....
441.00	DSCT OF AORTA UNSP SITE	0	0	1	.....
441.01	DSCT OF THORACIC AORTA	0	0	1	05
441.02	DSCT OF ABDOMINAL AORTA	0	0	1	05
441.03	DSCT OF THORACOABD AORTA	0	0	1	05
441.1	RUPTUR THORACIC ANEURYSM	0	0	1	05
441.3	RUPT ABD AORTIC ANEURYSM	0	0	1	05
441.5	RUPT AORTIC ANEURYSM NOS	0	0	1	05
441.6	THORACOABD ANEURYSM RUPT	0	0	1	05
446.3	LETHAL MIDLINE GRANULOMA	0	0	1	.....
452.	PORTAL VEIN THROMBOSIS	0	0	1	.....
453.	OTH VENOUS THROMBOSIS*	0	0	1	.....
453.0	BUDD-CHIARI SYNDROME	0	0	1	.....
453.1	THROMBOPHLEBITIS MIGRANS	0	0	1	.....
453.2	VENA CAVA THROMBOSIS	0	0	1	.....
453.3	RENAL VEIN THROMBOSIS	0	0	1	.....
464.11	AC TRACHEITIS W OBSTRUCT	0	0	1	15
464.21	AC LARYNGOTRACH W OBSTR	0	0	1	15
464.31	AC EPIGLOTTITIS W OBSTR	0	0	1	15
466.1	ACUTE BRONCHIOLITIS*	0	0	1	15
480.0	ADENOVIRAL PNEUMONIA	0	0	1	15
480.1	RESP SYNCYT VIRAL PNEUM	0	0	1	15
480.2	PARINFLUENZA VIRAL PNEUM	0	0	1	15
480.8	VIRAL PNEUMONIA NEC	0	0	1	15
480.9	VIRAL PNEUMONIA NOS	0	0	1	15
481.	PNEUMOCOCCAL PNEUMONIA	0	0	1	15
482.0	K. PNEUMONIAE PNEUMONIA	0	0	1	15
482.1	PSEUDOMONAL PNEUMONIA	0	0	1	15
482.2	H.INFLUENZAE PNEUMONIA	0	0	1	15
482.30	STREPTOCOCCAL PNEUMN NOS	0	0	1	15
482.31	PNEUMONIA STRPTOCOCCUS A	0	0	1	15
482.32	PNEUMONIA STRPTOCOCCUS B	0	0	1	15
482.39	PNEUMONIA OTH STREP	0	0	1	15
482.40	STAPHYLOCOCCAL PNEU NOS	0	0	1	15
482.41	STAPH AUREUS PNEUMONIA	0	0	1	15
482.49	STAPH PNEUMONIA NEC	0	0	1	15
482.8	BACTERIAL PNEUMONIA NEC*	0	0	1	15
482.81	PNEUMONIA ANAEROBES	0	0	1	15
482.82	PNEUMONIA E COLI	0	0	1	15
482.83	PNEUMO OTH GRM-NEG BACT	0	0	1	15
482.84	LEGIONNAIRES' DISEASE	0	0	1	15
482.89	PNEUMONIA OTH SPCF BACT	0	0	1	15

APPENDIX C—LIST OF COMORBIDITIES—Continued

ICD–9–CM code	Abbreviated code title	Tier 1**	Tier 2**	Tier 3**	Excluded RIC***
482.9	BACTERIAL PNEUMONIA NOS	0	0	1	15
483.0	PNEU MYCPLSM PNEUMONIAE	0	0	1	15
483.1	PNEUMONIA D/T CHLAMYDIA	0	0	1	15
483.8	PNEUMON OTH SPEC ORGNSM	0	0	1	15
484.1	PNEUM W CYTOMEG INCL DIS	0	0	1	15
484.3	PNEUMONIA IN WHOOP COUGH	0	0	1	15
484.5	PNEUMONIA IN ANTHRAX	0	0	1	15
484.6	PNEUM IN ASPERGILLOSIS	0	0	1	15
484.7	PNEUM IN OTH SYS MYCOSES	0	0	1	15
484.8	PNEUM IN INFECT DIS NEC	0	0	1	15
485.	BRONCHOPNEUMONIA ORG NOS	0	0	1	15
486.	PNEUMONIA, ORGANISM NOS	0	0	1	15
487.0	INFLUENZA WITH PNEUMONIA	0	0	1	15
506.0	FUM/VAPOR BRONC/PNEUMON	0	0	1	15
506.1	FUM/VAPOR AC PULM EDEMA	0	0	1	15
507.0	FOOD/VOMIT PNEUMONITIS	0	0	1	15
507.1	OIL/ESSENCE PNEUMONITIS	0	0	1	15
507.8	SOLID/LIQ PNEUMONIT NEC	0	0	1	15
510.0	EMPYEMA WITH FISTULA	0	0	1	15
510.9	EMPYEMA W/O FISTULA	0	0	1	15
511.1	BACT PLEUR/EFFUS NOT TB	0	0	1	15
513.0	ABSCESS OF LUNG	0	0	1	15
513.1	ABSCESS OF MEDIASTINUM	0	0	1	15
514.	PULM CONGEST/HYPOSTASIS	0	0	1	15
515.	POSTINFLAM PULM FIBROSIS	0	0	1	15
518.3	PULMONARY EOSINOPHILIA	0	0	1	15
518.5	POST TRAUM PULM INSUFFIC	0	0	1	15
518.81	ACUTE RESPIRATRY FAILURE	0	0	1	15
519.2	MEDIASTINITIS	0	0	1	15
530.0	ACHALASIA & CARDIOSPASM	0	0	1	
530.3	ESOPHAGEAL STRICTURE	0	0	1	
530.4	PERFORATION OF ESOPHAGUS	0	0	1	15
530.6	ACQ ESOPHAG DIVERTICULUM	0	0	1	
530.82	ESOPHAGEAL HEMORRHAGE	0	0	1	
531.00	AC STOMACH ULCER W HEM	0	0	1	
531.01	AC STOMAC ULC W HEM-OBST	0	0	1	
531.10	AC STOMACH ULCER W PERF	0	0	1	
531.11	AC STOM ULC W PERF-OBST	0	0	1	
531.20	AC STOMAC ULC W HEM/PERF	0	0	1	
531.21	AC STOM ULC HEM/PERF-OBS	0	0	1	
531.40	CHR STOMACH ULC W HEM	0	0	1	
531.41	CHR STOM ULC W HEM-OBSTR	0	0	1	
531.50	CHR STOMACH ULCER W PERF	0	0	1	
531.51	CHR STOM ULC W PERF-OBST	0	0	1	
531.60	CHR STOMACH ULC HEM/PERF	0	0	1	
531.61	CHR STOM ULC HEM/PERF-OB	0	0	1	
532.00	AC DUODENAL ULCER W HEM	0	0	1	
532.01	AC DUODEN ULC W HEM-OBST	0	0	1	
532.10	AC DUODENAL ULCER W PERF	0	0	1	
532.11	AC DUODEN ULC PERF-OBSTR	0	0	1	
532.20	AC DUODEN ULC W HEM/PERF	0	0	1	
532.21	AC DUOD ULC HEM/PERF-OBS	0	0	1	
532.40	CHR DUODEN ULCER W HEM	0	0	1	
532.41	CHR DUODEN ULC HEM-OBSTR	0	0	1	
532.50	CHR DUODEN ULCER W PERF	0	0	1	
532.51	CHR DUODEN ULC PERF-OBST	0	0	1	
532.60	CHR DUODEN ULC HEM/PERF	0	0	1	
532.61	CHR DUOD ULC HEM/PERF-OB	0	0	1	
533.00	AC PEPTIC ULCER W HEMORR	0	0	1	
533.01	AC PEPTIC ULC W HEM-OBST	0	0	1	
533.10	AC PEPTIC ULCER W PERFOR	0	0	1	
533.11	AC PEPTIC ULC W PERF-OBS	0	0	1	
533.20	AC PEPTIC ULC W HEM/PERF	0	0	1	
533.21	AC PEPT ULC HEM/PERF-OBS	0	0	1	
533.40	CHR PEPTIC ULCER W HEM	0	0	1	
533.41	CHR PEPTIC ULC W HEM-OBS	0	0	1	
533.50	CHR PEPTIC ULCER W PERF	0	0	1	
533.51	CHR PEPTIC ULC PERF-OBST	0	0	1	
533.60	CHR PEPT ULC W HEM/PERF	0	0	1	
533.61	CHR PEPT ULC HEM/PERF-OB	0	0	1	
534.00	AC MARGINAL ULCER W HEM	0	0	1	

APPENDIX C—LIST OF COMORBIDITIES—Continued

ICD–9–CM code	Abbreviated code title	Tier 1**	Tier 2**	Tier 3**	Excluded RIC***
534.01	AC MARGIN ULC W HEM-OBST	0	0	1	
534.10	AC MARGINAL ULCER W PERF	0	0	1	
534.11	AC MARGIN ULC W PERF-OBS	0	0	1	
534.20	AC MARGIN ULC W HEM/PERF	0	0	1	
534.21	AC MARG ULC HEM/PERF-OBS	0	0	1	
534.40	CHR MARGINAL ULCER W HEM	0	0	1	
534.41	CHR MARGIN ULC W HEM-OBS	0	0	1	
534.50	CHR MARGINAL ULC W PERF	0	0	1	
534.51	CHR MARGIN ULC PERF-OBST	0	0	1	
534.60	CHR MARGIN ULC HEM/PERF	0	0	1	
534.61	CHR MARG ULC HEM/PERF-OB	0	0	1	
535.01	ACUTE GASTRITIS W HMRHG	0	0	1	
535.11	ATRPH GASTRITIS W HMRHG	0	0	1	
535.21	GSTR MCSL HYPRT W HMRG	0	0	1	
535.31	ALCHL GSTRITIS W HMRHG	0	0	1	
535.41	OTH SPF GASTRT W HMRHG	0	0	1	
535.51	GSTR/DDNTS NOS W HMRHG	0	0	1	
535.61	DUODENITIS W HMRHG	0	0	1	
537.4	GASTRIC/DUODENAL FISTULA	0	0	1	
537.83	ANGIO STM/DUDN W HMRHG	0	0	1	
540.0	AC APPEND W PERITONITIS	0	0	1	
557.0	AC VASC INSUFF INTESTINE	0	0	1	
562.02	DVRTCLO SML INT W HMRHG	0	0	1	
562.03	DVRTCLI SML INT W HMRHG	0	0	1	
562.12	DVRTCLO COLON W HMRHG	0	0	1	
562.13	DVRTCLI COLON W HMRHG	0	0	1	
567.0	PERITONITIS IN INFEC DIS	0	0	1	
567.1	PNEUMOCOCCAL PERITONITIS	0	0	1	
567.2	SUPPURAT PERITONITIS NEC	0	0	1	
567.8	PERITONITIS NEC	0	0	1	
567.9	PERITONITIS NOS	0	0	1	
569.60	COLSTOMY/ENTER COMP NOS	0	0	1	
569.61	COLOSTY/ENTEROST INFECTN	0	0	1	
569.69	COLSTMY/ENTEROS COMP NEC	0	0	1	
569.83	PERFORATION OF INTESTINE	0	0	1	
569.85	ANGIO INTES W HMRHG	0	0	1	
570.	ACUTE NECROSIS OF LIVER	0	0	1	
572.0	ABSCESS OF LIVER	0	0	1	
572.4	HEPATORENAL SYNDROME	0	0	1	
573.4	HEPATIC INFARCTION	0	0	1	
575.4	PERFORATION GALLBLADDER	0	0	1	
576.3	PERFORATION OF BILE DUCT	0	0	1	
577.2	PANCREAT CYST/PSEUDOCYST	0	0	1	
580.0	AC PROLIFERAT NEPHRITIS	0	0	1	
580.4	AC RAPIDLY PROGR NEPHRIT	0	0	1	
580.81	AC NEPHRITIS IN OTH DIS	0	0	1	
580.89	ACUTE NEPHRITIS NEC	0	0	1	
580.9	ACUTE NEPHRITIS NOS	0	0	1	
583.4	RAPIDLY PROG NEPHRIT NOS	0	0	1	
584.5	LOWER NEPHRON NEPHROSIS	0	0	1	
584.6	AC RENAL FAIL, CORT NECR	0	0	1	
584.7	AC REN FAIL, MEDULL NECR	0	0	1	
584.8	AC RENAL FAILURE NEC	0	0	1	
584.9	ACUTE RENAL FAILURE NOS	0	0	1	
590.2	RENAL/PERIRENAL ABSCESS	0	0	1	
596.6	BLADDER RUPT, NONTRAUM	0	0	1	
659.30	SEPTICEMIA IN LABOR-UNSP	0	0	1	
659.31	SEPTICEM IN LABOR-DELIV	0	0	1	
665.00	PRELABOR RUPT UTER-UNSP	0	0	1	
665.01	PRELABOR RUPT UTERUS-DEL	0	0	1	
665.03	PRELAB RUPT UTER-ANTEPAR	0	0	1	
665.10	RUPTURE UTERUS NOS-UNSP	0	0	1	
665.11	RUPTURE UTERUS NOS-DELIV	0	0	1	
669.10	OBSTETRIC SHOCK-UNSPEC	0	0	1	03
669.11	OBSTETRIC SHOCK-DELIVER	0	0	1	03
669.12	OBSTET SHOCK-DELIV W P/P	0	0	1	03
669.13	OBSTETRIC SHOCK-ANTEPAR	0	0	1	03
669.14	OBSTETRIC SHOCK-POSTPART	0	0	1	03
669.30	AC REN FAIL W DELIV-UNSP	0	0	1	
669.32	AC REN FAIL-DELIV W P/P	0	0	1	
669.34	AC RENAL FAILURE-POSTPAR	0	0	1	

APPENDIX C—LIST OF COMORBIDITIES—Continued

ICD–9–CM code	Abbreviated code title	Tier 1**	Tier 2**	Tier 3**	Excluded RIC***
673.00	OB AIR EMBOLISM-UNSPEC	0	0	1	01
673.01	OB AIR EMBOLISM-DELIVER	0	0	1	01
673.02	OB AIR EMBOL-DELIV W P/P	0	0	1	01
673.03	OB AIR EMBOLISM-ANTEPART	0	0	1	01
673.04	OB AIR EMBOLISM-POSTPART	0	0	1	01
673.10	AMNIOTIC EMBOLISM-UNSPEC	0	0	1	01
673.11	AMNIOTIC EMBOLISM-DELIV	0	0	1	01
673.12	AMNIOT EMBOL-DELIV W P/P	0	0	1	01
673.13	AMNIOTIC EMBOL-ANTEPART	0	0	1	01
673.14	AMNIOTIC EMBOL-POSTPART	0	0	1	01
673.20	OB PULM EMBOL NOS-UNSPEC	0	0	1	15
673.22	PULM EMBOL NOS-DEL W P/P	0	0	1	15
673.23	PULM EMBOL NOS-ANTEPART	0	0	1	15
673.24	PULM EMBOL NOS-POSTPART	0	0	1	15
673.30	OB PYEMIC EMBOL-UNSPEC	0	0	1	03
673.31	OB PYEMIC EMBOL-DELIVER	0	0	1	03
673.32	OB PYEM EMBOL-DEL W P/P	0	0	1	03
673.33	OB PYEMIC EMBOL-ANTEPART	0	0	1	03
673.34	OB PYEMIC EMBOL-POSTPART	0	0	1	03
673.80	OB PULMON EMBOL NEC-UNSP	0	0	1	15
673.81	PULMON EMBOL NEC-DELIVER	0	0	1	15
673.82	PULM EMBOL NEC-DEL W P/P	0	0	1	15
673.83	PULMON EMBOL NEC-ANTEPAR	0	0	1	15
673.84	PULMON EMBOL NEC-POSTPAR	0	0	1	15
674.00	PUERP CEREBVASC DIS-UNSP	0	0	1	01, 03
765.01	EXTREME IMMATUR <500G	0	0	1	.....
765.02	EXTREME IMMATUR 500–749G	0	0	1	.....
765.03	EXTREME IMMATUR 750–999G	0	0	1	.....
781.7	TETANY	0	0	1	06
785.51	CARDIOGENIC SHOCK	0	0	1	14
785.59	SHOCK W/O TRAUMA NEC	0	0	1	.....
799.1	RESPIRATORY ARREST	0	0	1	15
958.0	AIR EMBOLISM	0	0	1	02, 03
958.1	FAT EMBOLISM	0	0	1	02, 03
958.5	TRAUMATIC ANURIA	0	0	1	.....
996.02	MALFUNC PROSTH HRT VALVE	0	0	1	14
996.61	REACT-CARDIAC DEV/GRAFT	0	0	1	14
996.62	REACT-OTH VASC DEV/GRAFT	0	0	1	.....
996.63	REACT-NERV SYS DEV/GRAFT	0	0	1	.....
996.66	REACT-INTER JOINT PROST	0	0	1	08
996.67	REACT-OTH INT ORTHO DEV	0	0	1	09
996.69	REACT-INT PROS DEVIC NEC	0	0	1	09
997.62	INFECTION AMPUTAT STUMP	0	0	1	09, 10, 11
998.0	POSTOPERATIVE SHOCK	0	0	1	.....
998.3	POSTOP WOUND DISRUPTION	0	0	1	.....
998.6	PERSIST POSTOP FISTULA	0	0	1	.....
999.1	AIR EMBOL COMP MED CARE	0	0	1	03
V4975	STATUS AMPUT BELOW KNEE	0	0	1	10
V4976	STATUS AMPUT ABOVE KNEE	0	0	1	10
V4977	STATUS AMPUT HIP	0	0	1	10

* Denotes this is a category rather than a code.
** A "1" identifies the particular tier to which the ICD–9–CM code belongs.
*** This column identifies those RICs for which the ICD–9–CM code is excluded from the associated tiers.

Appendix D—The IRF Market Basket

Section 1886(j)(3)(C) of the Act requires the Secretary to establish an increase factor (for purposes of setting prospective payment system rates) based on a market basket index. The market basket needs to include both operating and capital costs of rehabilitation facilities (that is, freestanding rehabilitation hospitals). Under the reasonable cost-based reimbursement system, the excluded hospital market basket was used to update limits on payment for operating costs for rehabilitation facilities. The excluded hospital market basket is based on operating costs from 1992 cost report data and includes Medicare-participating rehabilitation, long-term care, psychiatric, cancer, and children's hospitals. Since freestanding rehabilitation hospital costs are reflected as a component of the excluded hospital market basket, this index in part reflects the cost shares of rehabilitation facilities. In order to capture total costs (operating and capital), we added a capital component to the excluded hospital market basket. We refer to this index as the excluded hospital with capital market basket. In the following discussion, we describe the methodology used to determine the operating portion of the market basket, the methodology used to determine the capital portion of the market basket, and

additional analyses that help support the extent to which rehabilitation cost shares are reflected in the excluded hospital with capital market basket.

The operating portion of the excluded hospital with capital market basket consists of major cost categories and their respective weights. The major cost categories include wages and salaries, employee benefits, professional fees, pharmaceuticals, and a residual. The weights for the major cost categories are developed from the Medicare cost reports for FY 1992. The cost report data used include those hospitals excluded from the inpatient hospital prospective payment system where the Medicare average length of stay is within 15 percent (higher or lower) of the total facility average length of stay. Using the 15-percent threshold resulted in a subset of hospitals that had a significant amount of Medicare days and costs compared to using no adjustment or using a different threshold. Limiting the sample in this way provides a more accurate reflection of the structure of costs for Medicare. To the extent possible, we used total reimbursable facility costs to determine the weights for Medicare costs. We believe that total facility costs for facilities with high shares of Medicare patients are more representative of the Medicare population. We chose to compare the average length of stay for all patients to that of Medicare beneficiaries as the test of the similarity of the practice patterns for non-Medicare patients versus Medicare patients. Our goal was to measure cost shares that were reflective of case mix and practice patterns associated with providing services to Medicare beneficiaries (61 FR 46196, August 30, 1996). We chose to do this because we had to use facility-wide data to calculate the cost shares, but did not want to use facilities that did not reflect the Medicare population. By limiting the reports we used to those with similar length of stays for the Medicare and total facility populations we accomplished this goal. The detailed cost categories under the residual are derived from the Asset and Expenditure Survey, 1992 Census of Service Industries, by the Bureau of the Census, Economics and Statistics Administration, U.S. Department of Commerce. This survey is used in conjunction with the 1992 Input-Output Tables published by the Bureau of Economic Analysis, U.S. Department of Commerce. A more detailed description of the development of the operating portion of this index can be found in the final rule, Medicare Program; Changes to the Hospital Inpatient Prospective Payment Systems and Fiscal Year 1998 Rates published in the **Federal Register** on August 29, 1997 (62 FR 45993 through 45997).

As previously stated, the market basket needs to reflect both operating and capital costs. Capital costs include depreciation, interest, and other capital-related costs. The cost categories for the capital portion of the excluded hospital with capital market basket are developed in a similar manner as those for the inpatient hospital prospective payment system capital input price index, which is explained in the August 30, 1996 **Federal Register** (61 FR 46196–46197). We calculated weights for capital costs, using the same set of Medicare cost reports used to develop the operating share. The resulting capital weight for the FY 1992 base year is 9.080 percent.

Because capital is consumed over time, depreciation and interest costs in the current year reflect both current and previous capital purchases. We use vintage weighting to capture this effect. Vintage weighting, which is explained in the August 30, 1996 **Federal Register** (61 FR 46197 through 46203), is the process of weighting price changes for individual years in proportion to that year's share of total purchases still being consumed.

In order to vintage weight the capital portion of the index as described above, the average useful life of both assets and debt instruments (for example, a loan, bond, or promissory note) needs to be developed. For depreciation expenses, the useful life of fixed and movable assets is calculated from the Medicare cost reports for excluded hospitals, including freestanding rehabilitation hospitals. The average useful life for fixed assets is 21 years and the average useful life for movable assets is 13 years. For interest expenses, we use the same useful life of debt instruments used in the inpatient hospital prospective payment system capital input price index. We believe that this useful life is appropriate, because it reflects the average useful life of hospital issuances of commercial and municipal bonds from all hospitals, including rehabilitation facilities. The average useful life of interest expense is determined to be 22 years (61 FR 46199). After the useful life is determined, a set of weights is calculated by determining the average proportion of depreciation and interest expense incurred in any given year during the useful life. This information is developed using the Medicare cost reports. These calculations are the same as those described for the inpatient hospital prospective payment system capital input price index in the August 30, 1996 **Federal Register** (61 FR 46196 through 46198). The price proxies for each of the capital cost categories are the same as those used for the inpatient hospital prospective payment system capital input price index. The cost categories, price proxies, and base-year FY 1992 weights for the excluded hospital with capital market basket are presented in Table 1 below. The vintage weights for the index are presented in Table 2 below.

TABLE 1.—EXCLUDED HOSPITAL WITH CAPITAL INPUT PRICE INDEX (FY 1992) STRUCTURE AND WEIGHTS

Cost category	Price/wage variable	Weights (%) base-year: 1992
Total		100.000
Compensation		57.935
Wages and Salaries	HCFA Occupational Wage Proxy	47.417
Employee Benefits	HCFA Occupational Benefit Proxy	10.519
Professional fees: Non-Medical	ECI—Compensation: Prof. & Technical	1.908
Utilities		1.524
Electricity	WPI—Commercial Electric Power	0.916
Fuel Oil, Coal, etc.	WPI—Commercial Natural Gas	0.365
Water and Sewerage	CPI–U—Water & Sewage	0.243
Professional Liability Insurance	HCFA—Professional Liability Premiums	0.983
All Other Products and Services		28.571
All Other Products		22.027
Pharmaceuticals	WPI—Prescription Drugs	2.791

TABLE 1.—EXCLUDED HOSPITAL WITH CAPITAL INPUT PRICE INDEX (FY 1992) STRUCTURE AND WEIGHTS—Continued

Cost category	Price/wage variable	Weights (%) base-year: 1992
Food: Direct Purchase	WPI—Processed Foods	2.155
Food: Contract Service	CPI–U—Food Away from Home	0.998
Chemicals	WPI—Industrial Chemicals	3.413
Medical Instruments	WPI—Med. Inst. & Equipment	2.868
Photographic Supplies	WPI—Photo Supplies	0.364
Rubber and Plastics	WPI—Rubber & Plastic Products	4.423
Paper Products	WPI—Convert. Paper and Paperboard	1.984
Apparel	WPI—Apparel	0.809
Machinery and Equipment	WPI—Machinery & Equipment	0.193
Miscellaneous Products	WPI—Finished Goods	2.029
All Other Services		6.544
Telephone	CPI–U—Telephone Services	0.574
Postage	CPI–U—Postage	0.268
All Other: Labor	ECI—Compensation: Service Workers	4.945
All Other: Non-Labor Intensive	CPI–U—All Items (Urban)	0.757
Capital-Related Costs		9.080
Depreciation		5.611
Fixed Assets	Boeckh-Institutional Construction: 21 Year Useful Life	3.570
Movable Equipment	WPI—Machinery & Equipment: 13 Year Useful life	2.041
Interest Costs		3.212
Non-profit	Avg. Yield Municipal Bonds: 22 Year Useful Life	2.730
For-profit	Avg. Yield AAA Bonds: 22 Year Useful Life	0.482
Other Capital-Related Costs	CPI–U—Residential Rent	0.257

*The wage and benefit proxies are a blend of 10 employment cost indices (ECI). A detailed discussion of the price proxies can be found in the August 30, 1996 and August 29, 1997 FEDERAL REGISTER final rules (61 FR 46197 and 62 FR 45993). The operating cost categories in the excluded market basket described in the August 29, 1997 FEDERAL REGISTER (62 FR 45993 through 45996) had weights that added to 100.0. When we add an additional set of cost category weights (capital weight= 9.08 percent) to this original group, the sum of the weights in the new index must still add to 100.0. If capital cost category weights sum to 9.08, then operating cost category weights must add to 90.92 percent. Each weight in the excluded hospital market basket from the August 29, 1997 FEDERAL REGISTER (62 FR 45996 through 45997) was multiplied by 0.9092 to determine its weight in the excluded hospital with capital market basket.

TABLE 2.—EXCLUDED HOSPITAL WITH CAPITAL INPUT PRICE INDEX (FY 1992) VINTAGE WEIGHTS

Year	Fixed assets (21–year weights)	Movable assets (13–year weights)	Interest: capital-related (22–year weights)
1	0.0201	0.0454	0.0071
2	0.0225	0.0505	0.0082
3	0.0225	0.0562	0.0100
4	0.0285	0.0620	0.0119
5	0.0301	0.0660	0.0139
6	0.0321	0.0710	0.0161
7	0.0336	0.0764	0.0185
8	0.0353	0.0804	0.0207
9	0.0391	0.0860	0.0244
10	0.0431	0.0923	0.0291
11	0.0474	0.0987	0.0350
12	0.0513	0.1047	0.0409
13	0.0538	0.1104	0.0474
14	0.0561		0.0525
15	0.0600		0.0590
16	0.0628		0.0670
17	0.0658		0.0742
18	0.0695		0.0809
19	0.0720		0.0875
20	0.0748		0.0931
21	0.0769		0.0993
22			0.1034
Total	1.0000	1.0000	1.0000

We further analyzed the extent to which the weights in the excluded hospital with capital market basket reflect the cost weights in rehabilitation hospitals, particularly since more than 50 percent of excluded hospitals are psychiatric hospitals. For this purpose, we conducted an analysis comparing the major cost weights for rehabilitation hospitals to the same set of cost weights for excluded hospitals. We analyzed the variations of wages, drugs, and capital

for rehabilitation and all excluded hospitals. This analysis showed that while these weights differed slightly between rehabilitation hospitals and all excluded hospitals, the difference was very small. When the rehabilitation hospital weights were substituted into the market basket structure for sensitivity analysis, the effect was less than 0.2 percentage points in any given year. This difference is less than the 0.25 percentage point criterion that determines whether a forecast error adjustment under the inpatient hospital prospective payment system is warranted. We conducted this analysis for both the base year (FY 1992) and for FY 1997 to determine if the difference in weights changed over time. Again, the differences were very small. Based on this analysis, we concluded that using the excluded hospital with capital market basket for the IRF prospective payment system will provide a reasonable measure of the price changes facing rehabilitation hospitals.

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