

Supplementary material

Table 1. Odds ratios, 95% confidence intervals and Bonferroni-corrected p values for the chance of comorbid diseases in ADHD children as compared to controls

Disease group	ICD-10 code	Disease	OR	Lower 95% CI	Upper 95% CI	p-value*
Infectious and parasitic	A01	Typhoid and paratyphoid fevers	5.54	2.30	13.36	0.12
	A02	Other salmonella infections	0.90	0.41	1.96	1
	A04	Other bacterial intestinal infections	1.46	0.91	2.35	1
	A05	Other bacterial foodborne intoxications, not elsewhere classified	3.86	1.00	14.92	1
	A06	Amoebiasis	2.25	0.75	6.73	1
	A07	Other protozoal intestinal diseases	1.24	0.44	3.53	1
	A08	Viral and other specified intestinal infections	1.85	1.68	2.04	<1.0x10⁻¹³
	A09	Other gastroenteritis and colitis of infectious and unspecified origin	2.00	1.93	2.08	<1.0x10⁻¹³
	A15	Respiratory tuberculosis, bacteriologically and histologically confirmed	1.67	0.64	4.33	1
	A16	Respiratory tuberculosis, not confirmed bacteriologically or histologically	1.14	0.73	1.77	1
	A17	Tuberculosis of nervous system	4.50	0.41	49.63	1
	A18	Tuberculosis of other organs	2.14	1.08	4.27	1
	A23	Brucellosis	1.37	0.82	2.28	1
	A26	Erysipeloid	1.71	1.00	2.93	1
	A27	Leptospirosis	9.00	0.56	143.90	1
	A28	Other zoonotic bacterial diseases, not elsewhere classified	1.80	0.39	8.22	1
	A31	Infection due to other mycobacteria	1.38	0.31	6.14	1
	A37	Whooping cough	1.63	0.97	2.73	1
	A38	Scarlet fever	1.54	1.33	1.78	6.61x10⁻⁶
	A39	Meningococcal infection	2.00	0.43	9.26	1
	A40	Streptococcal sepsis	1.93	0.55	6.71	1
	A41	Other sepsis	0.80	0.29	2.22	1
	A44	Bartonellosis	4.50	0.41	49.63	1
	A46	Erysipelas	1.48	0.80	2.72	1
	A48	Other bacterial diseases, not elsewhere classified	1.42	0.42	4.80	1
	A49	Bacterial infection of unspecified site	1.68	1.47	1.91	7.48x10⁻¹²
	A50	Congenital syphilis	2.00	0.43	9.26	1
	A52	Late syphilis	9.00	0.56	143.90	1
	A57	Chancroid	9.00	0.56	143.90	1
	A59	Trichomoniasis	9.00	0.56	143.90	1
	A63	Other predominantly sexually transmitted diseases, not elsewhere classified	0.87	0.27	2.85	1
	A67	Pinta [carate]	3.00	0.31	28.84	1
	A68	Relapsing fevers	1.71	0.90	3.25	1
	A69	Other spirochaetal infections	1.47	1.17	1.86	0.991
	A74	Other diseases caused by chlamydiae	2.05	0.77	5.40	1
	A77	Spotted fever [tick-borne rickettsioses]	9.00	0.56	143.90	1
	A79	Other rickettsioses	9.00	1.27	63.89	1
	A81	Atypical virus infections of central nervous system	1.13	0.14	9.00	1
	A82	Rabies	3.00	0.31	28.84	1
	A84	Tick-borne viral encephalitis	2.25	0.63	7.97	1
	A86	Unspecified viral encephalitis	4.50	0.82	24.57	1
	A87	Viral meningitis	0.86	0.31	2.39	1
	A88	Other viral infections of central nervous system, not elsewhere classified	1.80	0.39	8.22	1
	B00	Herpesviral [herpes simplex] infections	1.74	1.54	1.95	<1.0x10⁻¹³
	B01	Varicella [chickenpox]	1.71	1.33	2.19	0.028
	B02	Zoster [herpes zoster]	1.11	0.65	1.89	1
	B05	Measles	4.50	1.13	17.99	1
	B07	Viral warts	1.53	1.48	1.58	<1.0x10⁻¹³
	B08	Other viral infections characterized by skin and mucous membrane lesions, not elsewhere classified	1.45	1.37	1.53	<1.0x10⁻¹³
	B09	Unspecified viral infection characterized by skin and mucous membrane lesions	1.01	0.69	1.49	1
	B15	Acute hepatitis A	2.70	0.74	9.81	1
	B16	Acute hepatitis B	0.86	0.20	3.66	1
	B17	Other acute viral hepatitis	2.14	0.81	5.68	1
	B18	Chronic viral hepatitis	1.31	0.75	2.30	1
	B19	Unspecified viral hepatitis	3.00	0.61	14.86	1
	B22	Human immunodeficiency virus [HIV] disease resulting in other specified diseases	4.50	1.13	17.99	1
	B23	Human immunodeficiency virus [HIV] disease resulting in other conditions	2.00	0.43	9.26	1
	B24	Unspecified human immunodeficiency virus [HIV] disease	0.85	0.34	2.12	1
	B25	Cytomegaloviral disease	2.48	1.65	3.71	0.009
	B27	Infectious mononucleosis	1.90	1.50	2.41	<1.0x10⁻¹³
	B30	Viral conjunctivitis	1.78	1.20	2.63	1
	B33	Other viral diseases, not elsewhere classified	1.80	1.09	2.99	1
	B34	Viral infection of unspecified site	1.51	1.46	1.55	<1.0x10⁻¹³
	B35	Dermatophytosis	1.65	1.50	1.81	<1.0x10⁻¹³
	B36	Other superficial mycoses	1.65	1.37	1.98	7.47x10⁻⁵
	B37	Candidiasis	2.44	2.03	2.93	<1.0x10⁻¹³
	B41	Paracoccidioidomycosis	9.00	0.56	143.90	1

Disease group	ICD-10 code	Disease	OR	Lower 95% CI	Upper 95% CI	p-value*
	B44	Aspergillosis	0.90	0.12	7.03	1
	B48	Other mycoses, not elsewhere classified	4.29	2.52	7.30	7.32x10⁻⁵
	B49	Unspecified mycosis	2.03	1.60	2.59	8.40x10⁻⁶
	B58	Toxoplasmosis	3.55	1.87	6.74	0.096
	B60	Other protozoal diseases, not elsewhere classified	3.00	0.31	28.84	1
	B64	Unspecified protozoal disease	1.29	0.29	5.66	1
	B65	Schistosomiasis [bilharziasis]	3.00	0.31	28.84	1
	B66	Other fluke infections	2.57	0.53	12.38	1
	B67	Echinococcosis	2.00	0.43	9.26	1
	B69	Cysticercosis	2.57	0.85	7.81	1
	B71	Other cestode infections	2.45	0.68	8.80	1
	B74	Filariasis	9.00	0.56	143.90	1
	B75	Trichinellosis	9.00	0.56	143.90	1
	B76	Hookworm diseases	9.00	0.56	143.90	1
	B77	Ascariasis	1.78	1.04	3.04	1
	B79	Trichuriasis	9.00	1.27	63.89	1
	B80	Enterobiasis	1.65	1.54	1.77	<1.0x10⁻¹³
	B81	Other intestinal helminthiasis, not elsewhere classified	0.43	0.06	3.19	1
	B82	Unspecified intestinal parasitism	1.18	0.71	1.95	1
	B83	Other helminthiasis	1.67	1.46	1.92	1.56x10⁻¹⁰
	B85	Pediculosis and phthiriasis	1.99	1.89	2.08	<1.0x10⁻¹³
	B86	Scabies	1.77	1.61	1.95	<1.0x10⁻¹³
	B88	Other infestations	2.30	1.58	3.35	0.013
	B89	Unspecified parasitic disease	2.18	1.24	3.83	1
	B94	Sequelae of other and unspecified infectious and parasitic diseases	1.70	0.86	3.34	1
	B95	Streptococcus and staphylococcus as the cause of diseases classified to other chapters	1.54	0.97	2.44	1
	B96	Other specified bacterial agents as the cause of diseases classified to other chapters	1.92	1.17	3.15	1
	B97	Viral agents as the cause of diseases classified to other chapters	1.86	1.12	3.09	1
	B98	Other specified infectious agents as the cause of diseases classified to other chapters	3.27	2.18	4.91	8.01x10⁻⁶
	B99	Other and unspecified infectious diseases	1.40	1.33	1.46	<1.0x10⁻¹³
Neoplasms	C00	Malignant neoplasm of lip	1.80	0.21	15.41	1
	C06	Malignant neoplasm of other and unspecified parts of mouth	9.00	0.56	143.90	1
	C09	Malignant neoplasm of tonsil	4.50	0.41	49.63	1
	C11	Malignant neoplasm of nasopharynx	2.00	0.43	9.26	1
	C18	Malignant neoplasm of colon	4.50	0.41	49.63	1
	C22	Malignant neoplasm of liver and intrahepatic bile ducts	2.00	0.83	4.84	1
	C30	Malignant neoplasm of nasal cavity and middle ear	4.50	0.41	49.63	1
	C32	Malignant neoplasm of larynx	9.00	0.56	143.90	1
	C40	Malignant neoplasm of bone and articular cartilage of limbs	1.29	0.45	3.67	1
	C41	Malignant neoplasm of bone and articular cartilage of other and unspecified sites	0.72	0.34	1.56	1
	C43	Malignant melanoma of skin	1.08	0.33	3.58	1
	C44	Other malignant neoplasms of skin	1.89	0.88	4.06	1
	C47	Malignant neoplasm of peripheral nerves and autonomic nervous system	1.09	0.50	2.38	1
	C48	Malignant neoplasm of retroperitoneum and peritoneum	2.25	0.25	20.13	1
	C49	Malignant neoplasm of other connective and soft tissue	1.27	0.74	2.19	1
	C56	Malignant neoplasm of ovary	1.50	0.18	12.46	1
	C62	Malignant neoplasm of testis	1.25	0.49	3.19	1
	C63	Malignant neoplasm of other and unspecified male genital organs	9.00	0.56	143.90	1
	C64	Malignant neoplasm of kidney, except renal pelvis	0.88	0.48	1.64	1
	C69	Malignant neoplasm of eye and adnexa	1.07	0.60	1.91	1
	C70	Malignant neoplasm of meninges	4.50	0.41	49.63	1
	C71	Malignant neoplasm of brain	1.13	0.85	1.51	1
	C72	Malignant neoplasm of spinal cord, cranial nerves and other parts of central nervous system	2.65	0.98	7.18	1
	C73	Malignant neoplasm of thyroid gland	1.89	0.64	5.57	1
	C74	Malignant neoplasm of adrenal gland	1.13	0.68	1.88	1
	C75	Malignant neoplasm of other endocrine glands and related structures	0.90	0.12	7.03	1
	C77	Secondary and unspecified malignant neoplasm of lymph nodes	1.50	0.34	6.70	1
	C78	Secondary malignant neoplasm of respiratory and digestive organs	1.29	0.38	4.31	1
	C79	Secondary malignant neoplasm of other and unspecified sites	1.29	0.45	3.67	1
	C80	Malignant neoplasm, without specification of site	2.33	1.02	5.36	1
	C81	Hodgkin lymphoma	1.82	1.07	3.12	1
	C82	Follicular lymphoma	9.00	1.27	63.89	1
	C83	Non-follicular lymphoma	1.65	0.91	2.98	1
	C84	Mature T/NK-cell lymphomas	3.86	1.48	10.04	1
	C85	Other and unspecified types of non-Hodgkin lymphoma	0.96	0.52	1.79	1
	C86	Other specified types of T/NK-cell lymphoma	9.00	0.56	143.90	1
	C91	Lymphoid leukaemia	0.97	0.74	1.26	1
	C92	Myeloid leukaemia	0.47	0.17	1.28	1
	C94	Other leukaemias of specified cell type	1.20	0.27	5.25	1
	C95	Leukaemia of unspecified cell type	0.79	0.53	1.17	1
	C96	Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue	1.43	0.79	2.56	1

Disease group	ICD-10 code	Disease	OR	Lower 95% CI	Upper 95% CI	p-value*
	D03	Melanoma in situ	1.80	0.21	15.41	1
	D04	Carcinoma in situ of skin	2.25	0.25	20.13	1
	D09	Carcinoma in situ of other and unspecified sites	4.50	0.41	49.63	1
	D10	Benign neoplasm of mouth and pharynx	2.42	1.50	3.92	0.275
	D11	Benign neoplasm of major salivary glands	3.00	0.31	28.84	1
	D12	Benign neoplasm of colon, rectum, anus and anal canal	4.33	2.24	8.40	0.012
	D13	Benign neoplasm of other and ill-defined parts of digestive system	1.80	0.52	6.22	1
	D14	Benign neoplasm of middle ear and respiratory system	1.13	0.44	2.85	1
	D15	Benign neoplasm of other and unspecified intrathoracic organs	1.80	0.39	8.22	1
	D16	Benign neoplasm of bone and articular cartilage	1.24	0.92	1.67	1
	D17	Benign lipomatous neoplasm	1.91	1.41	2.59	0.023
	D18	Haemangioma and lymphangioma, any site	1.93	1.80	2.07	<1.0x10⁻¹³
	D19	Benign neoplasm of mesothelial tissue	9.00	0.56	143.90	1
	D21	Other benign neoplasms of connective and other soft tissue	1.58	1.22	2.04	0.455
	D22	Melanocytic naevi	1.44	1.38	1.51	<1.0x10⁻¹³
	D23	Other benign neoplasms of skin	1.21	0.99	1.47	1
	D24	Benign neoplasm of breast	5.40	1.96	14.86	0.943
	D27	Benign neoplasm of ovary	2.70	0.74	9.81	1
	D29	Benign neoplasm of male genital organs	0.64	0.08	4.89	1
	D30	Benign neoplasm of urinary organs	0.64	0.08	4.89	1
	D31	Benign neoplasm of eye and adnexa	1.45	1.11	1.90	1
	D32	Benign neoplasm of meninges	1.38	0.31	6.14	1
	D33	Benign neoplasm of brain and other parts of central nervous system	3.62	2.56	5.11	2.82x10⁻¹⁰
	D35	Benign neoplasm of other and unspecified endocrine glands	3.00	1.73	5.19	0.076
	D36	Benign neoplasm of other and unspecified sites	2.12	1.65	2.72	3.43x10⁻⁶
	D37	Neoplasm of uncertain or unknown behaviour of oral cavity and digestive organs	2.03	0.89	4.62	1
	D38	Neoplasm of uncertain or unknown behaviour of middle ear and respiratory and intrathoracic organs	1.38	0.31	6.14	1
	D39	Neoplasm of uncertain or unknown behaviour of female genital organs	0.82	0.11	6.34	1
	D40	Neoplasm of uncertain or unknown behaviour of male genital organs	1.80	0.52	6.22	1
	D41	Neoplasm of uncertain or unknown behaviour of urinary organs	2.08	0.59	7.29	1
	D42	Neoplasm of uncertain or unknown behaviour of meninges	3.00	0.31	28.84	1
	D43	Neoplasm of uncertain or unknown behaviour of brain and central nervous system	1.56	1.11	2.19	1
	D44	Neoplasm of uncertain or unknown behaviour of endocrine glands	2.59	1.69	3.97	0.012
	D45	Polycythaemia vera	3.60	1.13	11.48	1
	D46	Myelodysplastic syndromes	1.67	0.85	3.27	1
	D47	Other neoplasms of uncertain or unknown behaviour of lymphoid, haematopoietic and related tissue	1.87	1.27	2.76	1
	D48	Neoplasm of uncertain or unknown behaviour of other and unspecified sites	1.49	1.27	1.75	0.001
Blood, blood-forming organs, immune	D50	Iron deficiency anaemia	2.33	2.15	2.53	<1.0x10⁻¹³
	D51	Vitamin B 12 deficiency anaemia	1.73	1.00	3.01	1
	D52	Folate deficiency anaemia	0.95	0.22	4.07	1
	D53	Other nutritional anaemias	1.88	0.72	4.91	1
	D55	Anaemia due to enzyme disorders	1.22	0.95	1.57	1
	D56	Thalassaemia	1.76	1.55	2.01	<1.0x10⁻¹³
	D57	Sickle-cell disorders	1.73	1.30	2.30	0.158
	D58	Other hereditary haemolytic anaemias	1.53	1.15	2.03	1
	D59	Acquired haemolytic anaemia	2.34	1.51	3.64	0.128
	D60	Acquired pure red cell aplasia [erythroblastopenia]	3.00	0.81	11.08	1
	D61	Other aplastic anaemias	0.97	0.55	1.71	1
	D62	Acute posthaemorrhagic anaemia	2.25	0.48	10.60	1
	D63	Anaemia in chronic diseases classified elsewhere	1.62	0.72	3.61	1
	D64	Other anaemias	1.98	1.72	2.28	<1.0x10⁻¹³
	D65	Disseminated intravascular coagulation [defibrination syndrome]	3.00	0.61	14.86	1
	D66	Hereditary factor VIII deficiency	1.72	1.34	2.20	0.018
	D67	Hereditary factor IX deficiency	2.68	1.66	4.31	0.044
	D68	Other coagulation defects	3.06	2.83	3.32	<1.0x10⁻¹³
	D69	Purpura and other haemorrhagic conditions	2.15	1.89	2.44	<1.0x10⁻¹³
	D70	Agranulocytosis	3.32	2.73	4.05	<1.0x10⁻¹³
	D71	Functional disorders of polymorphonuclear neutrophils	1.93	0.55	6.71	1
	D72	Other disorders of white blood cells	4.55	3.83	5.40	<1.0x10⁻¹³
	D73	Diseases of spleen	1.77	1.17	2.68	1
	D75	Other diseases of blood and blood-forming organs	1.77	1.22	2.57	1
	D76	Other specified diseases with participation of lymphoreticular and reticulohistiocytic tissue	0.98	0.51	1.88	1
	D80	Immunodeficiency with predominantly antibody defects	2.29	2.18	2.42	<1.0x10⁻¹³
	D81	Combined immunodeficiencies	1.29	0.64	2.59	1
	D82	Immunodeficiency associated with other major defects	2.22	1.78	2.76	8.59x10⁻¹⁰
	D83	Common variable immunodeficiency	2.86	1.57	5.23	0.524
	D84	Other immunodeficiencies	2.34	2.10	2.60	<1.0x10⁻¹³
	D86	Sarcoidosis	1.50	0.44	5.09	1
	D89	Other disorders involving the immune mechanism, not elsewhere classified	2.94	2.54	3.39	<1.0x10⁻¹³
Endocrine,	E00	Congenital iodine-deficiency syndrome	2.88	1.30	6.39	1

Disease group	ICD-10 code	Disease	OR	Lower 95% CI	Upper 95% CI	p-value*
nutritional and metabolic disease	E01	Iodine-deficiency-related thyroid disorders and allied conditions	2.73	2.35	3.16	<1.0x10 ⁻¹³
	E02	Subclinical iodine-deficiency hypothyroidism	4.55	3.21	6.44	<1.0x10 ⁻¹³
	E03	Other hypothyroidism	3.10	2.98	3.24	<1.0x10 ⁻¹³
	E04	Other nontoxic goitre	3.22	2.94	3.52	<1.0x10 ⁻¹³
	E05	Thyrotoxicosis [hyperthyroidism]	3.81	3.25	4.47	<1.0x10 ⁻¹³
	E06	Thyroiditis	2.81	2.57	3.07	<1.0x10 ⁻¹³
	E07	Other disorders of thyroid	3.45	3.05	3.90	<1.0x10 ⁻¹³
	E10	Type 1 diabetes mellitus	1.30	1.20	1.40	4.87x10 ⁻⁸
	E11	Type 2 diabetes mellitus	2.61	2.11	3.23	<1.0x10 ⁻¹³
	E13	Other specified diabetes mellitus	1.66	0.90	3.08	1
	E14	Unspecified diabetes mellitus	1.59	1.40	1.81	1.55x10 ⁻⁹
	E15	Nondiabetic hypoglycaemic coma	9.00	0.56	143.90	1
	E16	Other disorders of pancreatic internal secretion	2.99	2.34	3.83	<1.0x10 ⁻¹³
	E20	Hypoparathyroidism	2.63	1.58	4.39	0.180
	E21	Hyperparathyroidism and other disorders of parathyroid gland	1.96	1.26	3.05	1
	E22	Hyperfunction of pituitary gland	5.46	4.64	6.43	<1.0x10 ⁻¹³
	E23	Hypofunction and other disorders of pituitary gland	2.53	2.30	2.78	<1.0x10 ⁻¹³
	E24	Cushing syndrome	1.88	1.08	3.27	1
	E25	Adrenogenital disorders	1.55	1.14	2.10	1
	E26	Hyperaldosteronism	2.40	1.10	5.24	1
	E27	Other disorders of adrenal gland	2.54	1.96	3.30	2.40x10 ⁻⁹
	E28	Ovarian dysfunction	1.77	1.13	2.77	1
	E29	Testicular dysfunction	1.73	0.97	3.06	1
	E30	Disorders of puberty, not elsewhere classified	2.51	2.22	2.82	<1.0x10 ⁻¹³
	E31	Polyglandular dysfunction	5.73	2.22	14.77	0.265
	E34	Other endocrine disorders	2.76	2.67	2.85	<1.0x10 ⁻¹³
	E41	Nutritional marasmus	1.24	0.56	2.72	1
	E43	Unspecified severe protein-energy malnutrition	4.09	1.94	8.64	0.191
	E44	Protein-energy malnutrition of moderate and mild degree	4.30	2.59	7.15	1.55x10 ⁻⁵
	E45	Retarded development following protein-energy malnutrition	2.68	2.25	3.19	<1.0x10 ⁻¹³
	E46	Unspecified protein-energy malnutrition	2.46	1.97	3.07	2.69x10 ⁻¹²
	E50	Vitamin A deficiency	1.97	0.87	4.46	1
	E51	Thiamine deficiency	3.00	0.61	14.86	1
	E53	Deficiency of other B group vitamins	2.33	1.77	3.06	1.04x10 ⁻⁶
	E54	Ascorbic acid deficiency	2.77	0.90	8.49	1
	E55	Vitamin D deficiency	3.08	2.90	3.26	<1.0x10 ⁻¹³
	E56	Other vitamin deficiencies	2.86	2.32	3.53	<1.0x10 ⁻¹³
	E58	Dietary calcium deficiency	3.60	1.13	11.48	1
	E59	Dietary selenium deficiency	2.60	1.46	4.61	0.979
	E60	Dietary zinc deficiency	2.66	1.78	3.97	0.0015
	E61	Deficiency of other nutrient elements	3.00	2.70	3.34	<1.0x10 ⁻¹³
	E63	Other nutritional deficiencies	1.64	1.22	2.20	0.808
	E64	Sequelae of malnutrition and other nutritional deficiencies	4.65	3.27	6.61	<1.0x10 ⁻¹³
	E65	Localized adiposity	2.88	2.30	3.60	<1.0x10 ⁻¹³
	E66	Obesity	2.85	2.80	2.91	<1.0x10 ⁻¹³
	E67	Other hyperalimentation	3.02	2.57	3.54	<1.0x10 ⁻¹³
	E68	Sequelae of hyperalimentation	2.75	2.37	3.20	<1.0x10 ⁻¹³
	E70	Disorders of aromatic amino-acid metabolism	1.85	1.51	2.28	4.12x10 ⁻⁶
	E71	Disorders of branched-chain amino-acid metabolism and fatty-acid metabolism	1.64	1.17	2.29	1
	E72	Other disorders of amino-acid metabolism	2.28	1.68	3.11	<1.0x10 ⁻¹³
	E73	Lactose intolerance	2.58	2.44	2.73	<1.0x10 ⁻¹³
	E74	Other disorders of carbohydrate metabolism	2.32	2.18	2.46	<1.0x10 ⁻¹³
	E75	Disorders of sphingolipid metabolism and other lipid storage disorders	1.17	0.73	1.89	1
	E76	Disorders of glycosaminoglycan metabolism	1.65	1.00	2.73	1
	E77	Disorders of glycoprotein metabolism	0.78	0.18	3.32	1
	E78	Disorders of lipoprotein metabolism and other lipidaemias	3.09	2.86	3.34	<1.0x10 ⁻¹³
	E79	Disorders of purine and pyrimidine metabolism	3.00	2.30	3.92	5.76x10 ⁻¹³
	E80	Disorders of porphyrin and bilirubin metabolism	3.86	3.21	4.64	<1.0x10 ⁻¹³
	E83	Disorders of mineral metabolism	2.13	1.79	2.54	<1.0x10 ⁻¹³
	E84	Cystic fibrosis	1.43	1.13	1.82	1
	E85	Amyloidosis	1.43	1.06	1.93	1
	E86	Volume depletion	2.57	1.66	3.98	0.019
	E87	Other disorders of fluid, electrolyte and acid-base balance	2.88	2.21	3.75	3.07x10 ⁻¹²
	E88	Other metabolic disorders	9.18	8.43	9.99	<1.0x10 ⁻¹³
	E89	Postprocedural endocrine and metabolic disorders, not elsewhere classified	2.16	1.38	3.37	0.608
	E90	Nutritional and metabolic disorders in diseases classified elsewhere	109.32	50.58	236.28	<1.0x10 ⁻¹³
Mental and behavioral	F01	Vascular dementia	9.00	1.27	63.89	1
	F02	Dementia in other diseases classified elsewhere	2.08	0.59	7.29	1
	F03	Unspecified dementia	2.00	0.43	9.26	1
	F04	Organic amnesic syndrome, not induced by alcohol and other psychoactive substances	9.00	0.56	143.90	1
	F05	Delirium, not induced by alcohol and other psychoactive substances	4.50	0.41	49.63	1
	F06	Other mental disorders due to brain damage and dysfunction and to physical disease	12.18	10.71	13.84	<1.0x10 ⁻¹³
	F07	Personality and behavioural disorders due to brain disease, damage and dysfunction	15.29	12.75	18.34	<1.0x10 ⁻¹³

Disease group	ICD-10 code	Disease	OR	Lower 95% CI	Upper 95% CI	p-value*
	F09	Unspecified organic or symptomatic mental disorder	10.61	7.93	14.19	<1.0x10 ⁻¹³
	F10	Mental and behavioural disorders due to use of alcohol	15.60	8.26	29.46	<1.0x10 ⁻¹³
	F11	Mental and behavioural disorders due to use of opioids	202.54	49.13	834.90	1.72x10 ⁻¹⁰
	F12	Mental and behavioural disorders due to use of cannabinoids	10.72	6.00	19.14	9.59x10 ⁻¹³
	F13	Mental and behavioural disorders due to use of sedatives or hypnotics	6.00	1.69	21.26	1
	F14	Mental and behavioural disorders due to use of cocaine	3.60	0.70	18.56	1
	F15	Mental and behavioural disorders due to use of other stimulants, including caffeine	55.14	26.11	116.42	<1.0x10 ⁻¹³
	F17	Mental and behavioural disorders due to use of tobacco	6.39	4.93	8.28	<1.0x10 ⁻¹³
	F19	Mental and behavioural disorders due to multiple drug use and use of other psychoactive substances	9.21	6.05	14.02	<1.0x10 ⁻¹³
	F20	Schizophrenia	14.09	8.35	23.77	<1.0x10 ⁻¹³
	F21	Schizotypal disorder	15.75	4.61	53.81	0.009
	F22	Persistent delusional disorders	3.13	1.40	7.00	1
	F23	Acute and transient psychotic disorders	5.89	3.87	8.97	1.92x10 ⁻¹³
	F25	Schizoaffective disorders	9.00	2.90	27.91	0.122
	F28	Other nonorganic psychotic disorders	9.00	3.16	25.66	0.034
	F29	Unspecified nonorganic psychosis	8.18	4.99	13.42	<1.0x10 ⁻¹³
	F30	Manic episode	8.18	4.47	14.99	8.83x10 ⁻⁹
	F31	Bipolar affective disorder	14.25	8.55	23.76	<1.0x10 ⁻¹³
	F32	Depressive episode	7.66	7.28	8.05	<1.0x10 ⁻¹³
	F33	Recurrent depressive disorder	8.57	7.22	10.18	<1.0x10 ⁻¹³
	F34	Persistent mood [affective] disorders	14.65	12.80	16.77	<1.0x10 ⁻¹³
	F38	Other mood [affective] disorders	11.32	8.19	15.64	<1.0x10 ⁻¹³
	F39	Unspecified mood [affective] disorder	13.29	12.15	14.54	<1.0x10 ⁻¹³
	F40	Phobic anxiety disorders	5.83	5.47	6.22	<1.0x10 ⁻¹³
	F41	Other anxiety disorders	4.78	4.58	4.99	<1.0x10 ⁻¹³
	F42	Obsessive-compulsive disorder	8.92	8.26	9.63	<1.0x10 ⁻¹³
	F43	Reaction to severe stress, and adjustment disorders	10.69	10.49	10.91	<1.0x10 ⁻¹³
	F44	Dissociative [conversion] disorders	7.53	6.71	8.45	<1.0x10 ⁻¹³
	F45	Somatoform disorders	4.28	4.14	4.42	<1.0x10 ⁻¹³
	F48	Other neurotic disorders	6.28	5.68	6.94	<1.0x10 ⁻¹³
	F50	Eating disorders	4.86	4.55	5.18	<1.0x10 ⁻¹³
	F51	Nonorganic sleep disorders	9.86	9.27	10.49	<1.0x10 ⁻¹³
	F52	Sexual dysfunction, not caused by organic disorder or disease	4.75	2.72	8.28	3.38x10 ⁻⁵
	F54	Psychological and behavioural factors associated with disorders or diseases classified elsewhere	4.67	4.13	5.29	<1.0x10 ⁻¹³
	F55	Abuse of non-dependence-producing substances	3.71	1.54	8.94	1
	F59	Unspecified behavioural syndromes associated with physiological disturbances and physical factors	11.49	10.84	12.16	<1.0x10 ⁻¹³
	F60	Specific personality disorders	9.77	9.11	10.48	<1.0x10 ⁻¹³
	F61	Mixed and other personality disorders	6.69	4.14	10.82	7.67x10 ⁻¹²
	F62	Enduring personality changes, not attributable to brain damage and disease	3.30	2.40	4.55	2.54x10 ⁻¹⁰
	F63	Habit and impulse disorders	26.08	23.90	28.46	<1.0x10 ⁻¹³
	F64	Gender identity disorders	5.16	3.88	6.87	<1.0x10 ⁻¹³
	F65	Disorders of sexual preference	9.00	4.04	20.03	6.36x10 ⁻⁵
	F66	Psychological and behavioural disorders associated with sexual development and orientation	5.63	4.46	7.10	<1.0x10 ⁻¹³
	F68	Other disorders of adult personality and behaviour	12.35	11.52	13.25	<1.0x10 ⁻¹³
	F69	Unspecified disorder of adult personality and behaviour	11.51	11.11	11.92	<1.0x10 ⁻¹³
	F70	Mild mental retardation	13.10	12.42	13.83	<1.0x10 ⁻¹³
	F71	Moderate mental retardation	6.22	5.60	6.92	<1.0x10 ⁻¹³
	F72	Severe mental retardation	2.10	1.75	2.54	3.84x10 ⁻¹²
	F73	Profound mental retardation	0.90	0.60	1.35	1
	F74	Dissociative retardation	39.48	33.39	46.69	<1.0x10 ⁻¹³
	F78	Other mental retardation	13.69	10.58	17.72	<1.0x10 ⁻¹³
	F79	Unspecified mental retardation	6.52	6.25	6.81	<1.0x10 ⁻¹³
	F80	Specific developmental disorders of speech and language	4.99	4.93	5.04	<1.0x10 ⁻¹³
	F81	Specific developmental disorders of scholastic skills	22.67	22.28	23.06	<1.0x10 ⁻¹³
	F82	Specific developmental disorder of motor function	10.03	9.88	10.19	<1.0x10 ⁻¹³
	F83	Mixed specific developmental disorders	9.92	9.74	10.10	<1.0x10 ⁻¹³
	F84	Pervasive developmental disorders	8.48	8.28	8.70	<1.0x10 ⁻¹³
	F88	Other disorders of psychological development	13.56	12.82	14.34	<1.0x10 ⁻¹³
	F89	Unspecified disorder of psychological development	5.99	5.87	6.12	<1.0x10 ⁻¹³
	F91	Conduct disorders	17.44	17.09	17.80	<1.0x10 ⁻¹³
	F92	Mixed disorders of conduct and emotions	18.78	18.20	19.39	<1.0x10 ⁻¹³
	F93	Emotional disorders with onset specific to childhood	12.54	12.33	12.75	<1.0x10 ⁻¹³
	F94	Disorders of social functioning with onset specific to childhood and adolescence	21.52	20.69	22.38	<1.0x10 ⁻¹³
	F95	Tic disorders	13.33	12.82	13.86	<1.0x10 ⁻¹³
	F98	Other behavioural and emotional disorders with onset usually occurring in childhood and adolescence	11.28	11.12	11.44	<1.0x10 ⁻¹³
	F99	Mental disorder, not otherwise specified	11.28	10.13	12.56	<1.0x10 ⁻¹³
Nervous system	G00	Bacterial meningitis, not elsewhere classified	2.40	0.80	7.23	1
	G02	Meningitis in other infectious and parasitic diseases classified elsewhere	9.00	0.56	143.90	1
	G03	Meningitis due to other and unspecified causes	2.50	1.24	5.04	1

Disease group	ICD-10 code	Disease	OR	Lower 95% CI	Upper 95% CI	p-value*
	G04	Encephalitis, myelitis and encephalomyelitis	3.21	2.04	5.08	<1.0x10 ⁻¹³
	G05	Encephalitis, myelitis and encephalomyelitis in diseases classified elsewhere	9.00	3.57	22.67	0.003
	G06	Intracranial and intraspinal abscess and granuloma	3.60	1.13	11.48	1
	G08	Intracranial and intraspinal phlebitis and thrombophlebitis	1.89	0.64	5.57	1
	G09	Sequelae of inflammatory diseases of central nervous system	5.79	2.50	13.37	0.034
	G10	Huntington disease	13.50	2.26	80.80	1
	G11	Hereditary ataxia	1.84	1.31	2.58	0.395
	G12	Spinal muscular atrophy and related syndromes	0.74	0.42	1.30	1
	G23	Other degenerative diseases of basal ganglia	3.94	1.62	9.57	1
	G24	Dystonia	3.56	3.24	3.90	<1.0x10 ⁻¹³
	G25	Other extrapyramidal and movement disorders	3.24	2.91	3.61	<1.0x10 ⁻¹³
	G26	Extrapyramidal and movement disorders in diseases classified elsewhere	9.00	0.56	143.90	1
	G31	Other degenerative diseases of nervous system, not elsewhere classified	1.23	0.83	1.84	1
	G32	Other degenerative disorders of nervous system in diseases classified elsewhere	18.00	1.63	198.52	1
	G35	Multiple sclerosis	2.40	1.10	5.24	1
	G36	Other acute disseminated demyelination	3.00	0.61	14.86	1
	G37	Other demyelinating diseases of central nervous system	1.23	0.64	2.39	1
	G40	Epilepsy	3.46	3.34	3.58	<1.0x10 ⁻¹³
	G41	Status epilepticus	2.55	1.53	4.25	0.270
	G43	Migraine	2.49	2.37	2.61	<1.0x10 ⁻¹³
	G44	Other headache syndromes	2.50	2.32	2.69	<1.0x10 ⁻¹³
	G45	Transient cerebral ischaemic attacks and related syndromes	2.81	1.38	5.72	1
	G46	Vascular syndromes of brain in cerebrovascular diseases	1.13	0.14	9.00	1
	G47	Sleep disorders	7.50	7.15	7.87	<1.0x10 ⁻¹³
	G50	Disorders of trigeminal nerve	4.50	1.93	10.52	0.444
	G51	Facial nerve disorders	1.90	1.50	2.40	8.77x10 ⁻⁵
	G52	Disorders of other cranial nerves	3.86	2.11	7.06	0.011
	G54	Nerve root and plexus disorders	2.07	1.57	2.72	<1.0x10 ⁻¹³
	G55	Nerve root and plexus compressions in diseases classified elsewhere	1.64	0.56	4.75	1
	G56	Mononeuropathies of upper limb	1.04	0.58	1.84	1
	G57	Mononeuropathies of lower limb	1.75	1.16	2.64	1
	G58	Other mononeuropathies	1.91	1.23	2.97	1
	G60	Hereditary and idiopathic neuropathy	2.11	1.47	3.02	0.039
	G61	Inflammatory polyneuropathy	0.77	0.28	2.13	1
	G62	Other polyneuropathies	1.82	1.15	2.87	1
	G63	Polyneuropathy in diseases classified elsewhere	2.12	0.71	6.29	1
	G64	Other disorders of peripheral nervous system	1.50	0.34	6.70	1
	G70	Myasthenia gravis and other myoneural disorders	2.56	1.88	3.48	1.98x10 ⁻⁶
	G71	Primary disorders of muscles	1.46	1.23	1.72	0.0098
	G72	Other myopathies	1.96	1.40	2.75	0.079
	G73	Disorders of myoneural junction and muscle in diseases classified elsewhere	2.00	0.43	9.26	1
	G80	Cerebral palsy	1.66	1.55	1.78	<1.0x10 ⁻¹³
	G81	Hemiplegia	1.44	1.27	1.64	1.56x10 ⁻⁵
	G82	Paraplegia and tetraplegia	0.51	0.42	0.63	1.25x10 ⁻⁷
	G83	Other paralytic syndromes	1.60	1.28	2.00	0.036
	G90	Disorders of autonomic nervous system	2.42	1.60	3.68	0.028
	G91	Hydrocephalus	1.32	1.15	1.51	0.067
	G92	Toxic encephalopathy	13.50	2.26	80.80	1
	G93	Other disorders of brain	2.91	2.62	3.22	<1.0x10 ⁻¹³
	G94	Other disorders of brain in diseases classified elsewhere	1.08	0.33	3.58	1
	G95	Other diseases of spinal cord	1.63	1.10	2.42	1
	G96	Other disorders of central nervous system	3.20	2.71	3.78	<1.0x10 ⁻¹³
	G97	Postprocedural disorders of nervous system, not elsewhere classified	1.92	1.05	3.49	1
	G98	Other disorders of nervous system, not elsewhere classified	6.18	4.64	8.24	<1.0x10 ⁻¹³
	G99	Other disorders of nervous system in diseases classified elsewhere	1.29	0.16	10.45	1
Eye and adnexa	H00	Hordeolum and chalazion	1.17	1.02	1.35	1
	H01	Other inflammation of eyelid	1.46	1.22	1.74	0.022
	H02	Other disorders of eyelid	1.80	1.57	2.05	<1.0x10 ⁻¹³
	H03	Disorders of eyelid in diseases classified elsewhere	0.95	0.22	4.07	1
	H04	Disorders of lacrimal system	1.60	1.43	1.78	<1.0x10 ⁻¹³
	H05	Disorders of orbit	1.89	1.34	2.67	0.269
	H06	Disorders of lacrimal system and orbit in diseases classified elsewhere	1.89	0.64	5.57	1
	H10	Conjunctivitis	1.51	1.46	1.57	<1.0x10 ⁻¹³
	H11	Other disorders of conjunctiva	1.72	1.40	2.12	<1.0x10 ⁻¹³
	H13	Disorders of conjunctiva in diseases classified elsewhere	0.83	0.33	2.08	1
	H15	Disorders of sclera	1.42	0.81	2.49	1
	H16	Keratitis	1.15	0.90	1.47	1
	H17	Corneal scars and opacities	1.41	1.12	1.77	1
	H18	Other disorders of cornea	2.64	2.28	3.06	<1.0x10 ⁻¹³
	H19	Disorders of sclera and cornea in diseases classified elsewhere	1.65	1.16	2.34	1
	H20	Iridocyclitis	1.30	0.99	1.70	1
	H21	Other disorders of iris and ciliary body	1.94	1.43	2.63	0.019
	H22	Disorders of iris and ciliary body in diseases classified elsewhere	0.64	0.08	4.89	1
	H25	Senile cataract	1.41	0.75	2.67	1

Disease group	ICD-10 code	Disease	OR	Lower 95% CI	Upper 95% CI	p-value*
	H26	Other cataract	1.85	1.55	2.22	1.93x10⁻⁸
	H27	Other disorders of lens	1.47	1.13	1.91	1
	H28	Cataract and other disorders of lens in diseases classified elsewhere	5.40	1.29	22.60	1
	H30	Chorioretinal inflammation	1.41	0.83	2.39	1
	H31	Other disorders of choroid	1.40	0.97	2.04	1
	H32	Chorioretinal disorders in diseases classified elsewhere	4.50	1.13	17.99	1
	H33	Retinal detachments and breaks	1.61	1.16	2.23	1
	H34	Retinal vascular occlusions	1.25	0.90	1.75	1
	H35	Other retinal disorders	1.77	1.65	1.90	<1.0x10⁻¹³
	H36	Retinal disorders in diseases classified elsewhere	2.41	1.24	4.70	1
	H40	Glaucoma	1.51	1.30	1.75	8.91x10⁻⁵
	H43	Disorders of vitreous body	1.88	1.44	2.46	0.004
	H44	Disorders of globe	1.22	0.94	1.58	1
	H46	Optic neuritis	2.40	1.10	5.24	1
	H47	Other disorders of optic [2nd] nerve and visual pathways	1.62	1.48	1.77	<1.0x10⁻¹³
	H48	Disorders of optic [2nd] nerve and visual pathways in diseases classified elsewhere	1.13	0.40	3.18	1
	H49	Paralytic strabismus	2.52	2.11	3.02	<1.0x10⁻¹³
	H50	Other strabismus	2.04	2.00	2.07	<1.0x10⁻¹³
	H51	Other disorders of binocular movement	1.74	1.58	1.92	<1.0x10⁻¹³
	H52	Disorders of refraction and accommodation	1.92	1.89	1.94	<1.0x10⁻¹³
	H53	Visual disturbances	2.20	2.16	2.25	<1.0x10⁻¹³
	H54	Visual impairment including blindness (binocular or monocular)	2.63	2.51	2.76	<1.0x10⁻¹³
	H55	Nystagmus and other irregular eye movements	2.00	1.81	2.21	<1.0x10⁻¹³
	H57	Other disorders of eye and adnexa	1.95	1.72	2.20	<1.0x10⁻¹³
	H58	Other disorders of eye and adnexa in diseases classified elsewhere	1.80	0.80	4.05	1
	H59	Postprocedural disorders of eye and adnexa, not elsewhere classified	2.05	1.59	2.64	2.19x10⁻⁵
Ear and mastoid process	H60	Otitis externa	1.73	1.61	1.86	<1.0x10⁻¹³
	H61	Other disorders of external ear	1.57	1.50	1.64	<1.0x10⁻¹³
	H62	Disorders of external ear in diseases classified elsewhere	2.57	1.27	5.19	1
	H65	Nonsuppurative otitis media	1.77	1.70	1.84	<1.0x10⁻¹³
	H66	Suppurative and unspecified otitis media	1.71	1.62	1.80	<1.0x10⁻¹³
	H68	Eustachian salpingitis and obstruction	1.77	1.63	1.92	<1.0x10⁻¹³
	H69	Other disorders of Eustachian tube	1.84	1.72	1.96	<1.0x10⁻¹³
	H70	Mastoiditis and related conditions	2.35	1.40	3.94	1
	H71	Cholesteatoma of middle ear	1.93	1.49	2.50	<1.0x10⁻¹³
	H72	Perforation of tympanic membrane	1.90	1.64	2.21	<1.0x10⁻¹³
	H73	Other disorders of tympanic membrane	1.56	1.37	1.77	9.81x10⁻⁹
	H74	Other disorders of middle ear and mastoid	1.96	1.62	2.36	1.75x10⁻⁹
	H80	Otosclerosis	3.43	1.52	7.74	1
	H81	Disorders of vestibular function	2.73	2.01	3.70	8.73x10⁻⁸
	H82	Vertiginous syndromes in diseases classified elsewhere	3.00	0.31	28.84	1
	H83	Other diseases of inner ear	1.60	1.01	2.55	1
	H90	Conductive and sensorineural hearing loss	2.26	2.14	2.39	<1.0x10⁻¹³
	H91	Other hearing loss	2.44	2.31	2.59	<1.0x10⁻¹³
	H92	Otalgia and effusion of ear	1.76	1.60	1.93	<1.0x10⁻¹³
	H93	Other disorders of ear, not elsewhere classified	3.39	3.12	3.68	<1.0x10⁻¹³
	H94	Other disorders of ear in diseases classified elsewhere	9.00	1.27	63.89	1
	H95	Postprocedural disorders of ear and mastoid process, not elsewhere classified	1.93	1.47	2.55	0.003
Circulatory system	I00	Rheumatic fever without mention of heart involvement	1.98	1.09	3.62	1
	I01	Rheumatic fever with heart involvement	1.80	0.39	8.22	1
	I02	Rheumatic chorea	5.14	1.51	17.57	1
	I05	Rheumatic mitral valve diseases	2.19	1.51	3.17	0.028
	I06	Rheumatic aortic valve diseases	2.45	0.68	8.80	1
	I07	Rheumatic tricuspid valve diseases	2.55	2.20	2.95	<1.0x10⁻¹³
	I08	Multiple valve diseases	2.63	1.70	4.07	0.013
	I09	Other rheumatic heart diseases	4.20	1.71	10.30	1
	I10	Essential (primary) hypertension	3.26	3.00	3.55	<1.0x10⁻¹³
	I11	Hypertensive heart disease	2.06	0.95	4.43	1
	I12	Hypertensive renal disease	2.43	1.21	4.89	1
	I13	Hypertensive heart and renal disease	4.50	0.82	24.57	1
	I15	Secondary hypertension	3.02	2.27	4.01	2.90x10⁻¹¹
	I20	Angina pectoris	7.20	1.93	26.81	1
	I23	Certain current complications following acute myocardial infarction	9.00	0.56	143.90	1
	I25	Chronic ischaemic heart disease	2.41	1.45	4.00	0.576
	I26	Pulmonary embolism	3.00	0.31	28.84	1
	I27	Other pulmonary heart diseases	1.83	1.32	2.53	0.276
	I28	Other diseases of pulmonary vessels	2.82	1.61	4.95	0.252
	I30	Acute pericarditis	5.40	1.29	22.60	1
	I31	Other diseases of pericardium	1.94	1.19	3.14	1
	I33	Acute and subacute endocarditis	1.13	0.14	9.00	1
	I34	Nonrheumatic mitral valve disorders	2.64	2.38	2.94	<1.0x10⁻¹³
	I35	Nonrheumatic aortic valve disorders	2.63	2.33	2.96	<1.0x10⁻¹³
	I36	Nonrheumatic tricuspid valve disorders	2.43	1.66	3.58	0.005
	I37	Pulmonary valve disorders	2.24	1.97	2.56	<1.0x10⁻¹³

Disease group	ICD-10 code	Disease	OR	Lower 95% CI	Upper 95% CI	p-value*
	I38	Endocarditis, valve unspecified	2.08	1.85	2.34	<1.0x10 ⁻¹³
	I39	Endocarditis and heart valve disorders in diseases classified elsewhere	5.14	1.51	17.57	1
	I40	Acute myocarditis	0.90	0.12	7.03	1
	I42	Cardiomyopathy	1.71	1.32	2.21	0.041
	I44	Atrioventricular and left bundle-branch block	3.16	2.63	3.79	<1.0x10 ⁻¹³
	I45	Other conduction disorders	5.03	4.49	5.63	<1.0x10 ⁻¹³
	I46	Cardiac arrest	1.69	0.49	5.79	1
	I47	Paroxysmal tachycardia	2.21	1.78	2.74	3.95x10 ⁻¹⁰
	I48	Atrial fibrillation and flutter	3.23	1.75	5.95	0.144
	I49	Other cardiac arrhythmias	4.01	3.69	4.36	<1.0x10 ⁻¹³
	I50	Heart failure	1.94	1.45	2.58	1.59x10 ⁻¹⁰
	I51	Complications and ill-defined descriptions of heart disease	2.10	1.73	2.56	<1.0x10 ⁻¹³
	I52	Other heart disorders in diseases classified elsewhere	13.50	2.26	80.80	1
	I60	Subarachnoid haemorrhage	2.57	0.85	7.81	1
	I61	Intracerebral haemorrhage	2.25	1.63	3.11	<1.0x10 ⁻¹³
	I62	Other nontraumatic intracranial haemorrhage	3.10	1.51	6.37	1
	I63	Cerebral infarction	2.09	1.39	3.13	0.306
	I64	Stroke, not specified as haemorrhage or infarction	1.85	0.86	3.95	1
	I65	Occlusion and stenosis of precerebral arteries, not resulting in cerebral infarction	1.80	0.52	6.22	1
	I66	Occlusion and stenosis of cerebral arteries, not resulting in cerebral infarction	0.77	0.24	2.51	1
	I67	Other cerebrovascular diseases	2.55	1.49	4.37	0.567
	I69	Sequelae of cerebrovascular disease	1.97	1.50	2.58	<1.0x10 ⁻¹³
	I70	Atherosclerosis	2.57	0.85	7.81	1
	I71	Aortic aneurysm and dissection	2.54	1.54	4.16	0.206
	I72	Other aneurysm and dissection	2.48	1.14	5.43	1
	I73	Other peripheral vascular diseases	5.28	3.85	7.24	<1.0x10 ⁻¹³
	I74	Arterial embolism and thrombosis	3.15	1.33	7.45	1
	I77	Other disorders of arteries and arterioles	2.01	1.15	3.53	1
	I78	Diseases of capillaries	1.43	1.15	1.79	1
	I80	Phlebitis and thrombophlebitis	1.44	0.50	4.14	1
	I81	Portal vein thrombosis	0.45	0.06	3.35	1
	I82	Other venous embolism and thrombosis	2.55	1.74	3.73	0.001
	I83	Varicose veins of lower extremities	1.76	0.90	3.48	1
	I85	Oesophageal varices	1.73	0.66	4.51	1
	I86	Varicose veins of other sites	1.57	1.19	2.09	1
	I87	Other disorders of veins	1.25	0.49	3.19	1
	I88	Nonspecific lymphadenitis	1.56	1.36	1.80	2.06x10 ⁻⁷
	I89	Other noninfective disorders of lymphatic vessels and lymph nodes	1.87	1.38	2.52	0.044
	I95	Hypotension	2.49	2.22	2.81	<1.0x10 ⁻¹³
	I97	Postprocedural disorders of circulatory system, not elsewhere classified	2.40	1.27	4.54	1
	I98	Other disorders of circulatory system in diseases classified elsewhere	2.25	0.25	20.13	1
	I99	Other and unspecified disorders of circulatory system	1.92	1.55	2.37	1.63x10 ⁻⁶
Respiratory system	J00	Acute nasopharyngitis [common cold]	1.42	1.37	1.47	<1.0x10 ⁻¹³
	J01	Acute sinusitis	1.57	1.46	1.70	<1.0x10 ⁻¹³
	J02	Acute pharyngitis	1.55	1.49	1.61	<1.0x10 ⁻¹³
	J03	Acute tonsillitis	1.40	1.35	1.45	<1.0x10 ⁻¹³
	J04	Acute laryngitis and tracheitis	1.56	1.46	1.67	<1.0x10 ⁻¹³
	J05	Acute obstructive laryngitis [croup] and epiglottitis	2.65	2.29	3.06	<1.0x10 ⁻¹³
	J06	Acute upper respiratory infections of multiple and unspecified sites	1.49	1.47	1.52	<1.0x10 ⁻¹³
	J09	Influenza due to identified zoonotic or pandemic influenza virus	1.29	0.16	10.45	1
	J10	influenza due to identified seasonal influenza virus	2.34	1.27	4.31	1
	J11	Influenza, virus not identified	1.28	1.12	1.45	0.170
	J12	Viral pneumonia, not elsewhere classified	4.95	2.37	10.33	0.018
	J15	Bacterial pneumonia, not elsewhere classified	1.46	0.89	2.40	1
	J16	Pneumonia due to other infectious organisms, not elsewhere classified	1.80	0.21	15.41	1
	J18	Pneumonia, organism unspecified	1.57	1.36	1.81	3.48x10 ⁻⁷
	J20	Acute bronchitis	1.63	1.59	1.68	<1.0x10 ⁻¹³
	J21	Acute bronchiolitis	2.20	1.69	2.85	3.17x10 ⁻⁶
	J22	Unspecified acute lower respiratory infection	1.53	1.40	1.68	<1.0x10 ⁻¹³
	J30	Vasomotor and allergic rhinitis	1.75	1.73	1.78	<1.0x10 ⁻¹³
	J31	Chronic rhinitis, nasopharyngitis and pharyngitis	1.69	1.62	1.77	<1.0x10 ⁻¹³
	J32	Chronic sinusitis	1.50	1.39	1.61	<1.0x10 ⁻¹³
	J33	Nasal polyp	1.92	1.63	2.26	6.33x10 ⁻¹²
	J34	Other disorders of nose and nasal sinuses	1.59	1.49	1.69	<1.0x10 ⁻¹³
	J35	Chronic diseases of tonsils and adenoids	1.88	1.82	1.94	<1.0x10 ⁻¹³
	J36	Peritonsillar abscess	1.50	0.58	3.87	1
	J37	Chronic laryngitis and laryngotracheitis	2.14	1.57	2.92	0.0011
	J38	Diseases of vocal cords and larynx, not elsewhere classified	2.00	1.85	2.17	<1.0x10 ⁻¹³
	J39	Other diseases of upper respiratory tract	2.17	2.02	2.33	<1.0x10 ⁻¹³
	J40	Bronchitis, not specified as acute or chronic	1.53	1.27	1.84	0.006
	J41	Simple and mucopurulent chronic bronchitis	1.77	1.56	2.01	<1.0x10 ⁻¹³
	J42	Unspecified chronic bronchitis	2.26	2.11	2.42	<1.0x10 ⁻¹³
	J43	Emphysema	3.00	2.00	4.51	<1.0x10 ⁻¹³
	J44	Other chronic obstructive pulmonary disease	2.06	1.98	2.14	<1.0x10 ⁻¹³

Disease group	ICD-10 code	Disease	OR	Lower 95% CI	Upper 95% CI	p-value*
	J45	Asthma	2.19	2.16	2.22	<1.0x10⁻¹³
	J46	Status asthmaticus	2.13	1.55	2.92	0.002
	J47	Bronchiectasis	2.05	1.26	3.32	1
	J66	Airway disease due to specific organic dust	1.55	0.60	4.01	1
	J67	Hypersensitivity pneumonitis due to organic dust	1.80	0.62	5.27	1
	J68	Respiratory conditions due to inhalation of chemicals, gases, fumes and vapours	0.59	0.21	1.62	1
	J70	Respiratory conditions due to other external agents	1.23	0.37	4.10	1
	J80	Adult respiratory distress syndrome	0.75	0.10	5.77	1
	J82	Pulmonary eosinophilia, not elsewhere classified	3.27	1.04	10.28	1
	J84	Other interstitial pulmonary diseases	4.50	2.18	9.28	0.04
	J85	Abscess of lung and mediastinum	1.80	0.21	15.41	1
	J86	Pyothorax	1.06	0.24	4.58	1
	J90	Pleural effusion, not elsewhere classified	3.00	1.35	6.68	1
	J93	Pneumothorax	4.18	2.16	8.07	0.018
	J94	Other pleural conditions	0.82	0.19	3.48	1
	J95	Postprocedural respiratory disorders, not elsewhere classified	1.97	0.87	4.46	1
	J96	Respiratory failure, not elsewhere classified	2.26	1.92	2.66	<1.0x10⁻¹³
	J98	Other respiratory disorders	1.67	1.61	1.73	<1.0x10⁻¹³
	J99	Respiratory disorders in diseases classified elsewhere	2.57	0.85	7.81	1
Digestive system	K00	Disorders of tooth development and eruption	2.71	2.28	3.21	<1.0x10⁻¹³
	K01	Embedded and impacted teeth	1.51	0.98	2.33	1
	K02	Dental caries	2.24	2.12	2.36	<1.0x10⁻¹³
	K03	Other diseases of hard tissues of teeth	2.63	1.89	3.67	9.98x10⁻⁶
	K04	Diseases of pulp and periapical tissues	1.31	0.77	2.21	1
	K05	Gingivitis and periodontal diseases	1.77	0.95	3.29	1
	K06	Other disorders of gingiva and edentulous alveolar ridge	1.46	0.62	3.46	1
	K07	Dentofacial anomalies [including malocclusion]	2.95	2.80	3.12	<1.0x10⁻¹³
	K08	Other disorders of teeth and supporting structures	2.20	1.79	2.70	3.65x10⁻¹¹
	K09	Cysts of oral region, not elsewhere classified	0.90	0.39	2.08	1
	K10	Other diseases of jaws	2.06	1.30	3.28	1
	K11	Diseases of salivary glands	1.91	1.48	2.46	<1.0x10⁻¹³
	K12	Stomatitis and related lesions	1.66	1.38	2.00	6.70x10⁻⁵
	K13	Other diseases of lip and oral mucosa	1.85	1.46	2.33	<1.0x10⁻¹³
	K14	Diseases of tongue	2.09	1.62	2.69	1.31x10⁻⁵
	K20	Oesophagitis	1.63	1.05	2.54	1
	K21	Gastro-oesophageal reflux disease	2.40	2.16	2.66	<1.0x10⁻¹³
	K22	Other diseases of oesophagus	1.93	1.16	3.21	1
	K25	Gastric ulcer	0.69	0.09	5.29	1
	K26	Duodenal ulcer	5.40	1.29	22.60	1
	K29	Gastritis and duodenitis	1.87	1.68	2.08	<1.0x10⁻¹³
	K30	Functional dyspepsia	1.85	1.54	2.23	5.97x10⁻⁸
	K31	Other diseases of stomach and duodenum	1.99	1.49	2.65	0.002
	K35	Acute appendicitis	0.93	0.43	2.02	1
	K36	Other appendicitis	3.68	1.70	8.00	0.853
	K37	Unspecified appendicitis	1.80	1.21	2.68	1
	K38	Other diseases of appendix	1.89	0.64	5.57	1
	K40	Inguinal hernia	2.10	1.81	2.43	<1.0x10⁻¹³
	K41	Femoral hernia	3.00	0.31	28.84	1
	K42	Umbilical hernia	2.25	2.07	2.44	<1.0x10⁻¹³
	K43	Ventral hernia	2.03	1.44	2.85	0.038
	K44	Diaphragmatic hernia	2.39	1.59	3.61	0.025
	K45	Other abdominal hernia	2.05	0.77	5.40	1
	K46	Unspecified abdominal hernia	1.50	0.77	2.93	1
	K50	Crohn disease [regional enteritis]	0.90	0.70	1.16	1
	K51	Ulcerative colitis	1.19	0.92	1.54	1
	K52	Other noninfective gastroenteritis and colitis	1.78	1.68	1.88	<1.0x10⁻¹³
	K55	Vascular disorders of intestine	3.00	0.97	9.30	1
	K56	Paralytic ileus and intestinal obstruction without hernia	2.94	2.38	3.63	<1.0x10⁻¹³
	K58	Irritable bowel syndrome	2.11	1.74	2.56	3.68x10⁻¹¹
	K59	Other functional intestinal disorders	2.57	2.49	2.65	<1.0x10⁻¹³
	K60	Fissure and fistula of anal and rectal regions	1.79	1.30	2.48	0.355
	K61	Abscess of anal and rectal regions	1.40	0.63	3.10	1
	K62	Other diseases of anus and rectum	2.40	1.86	3.09	1.03x10⁻⁸
	K63	Other diseases of intestine	2.05	1.70	2.47	3.55x10⁻¹¹
	K64	Haemorrhoids and perianal venous thrombosis	2.44	1.68	3.55	0.002
	K65	Peritonitis	1.80	0.39	8.22	1
	K66	Other disorders of peritoneum	3.41	1.71	6.83	0.454
	K71	Toxic liver disease	2.20	1.10	4.38	1
	K72	Hepatic failure, not elsewhere classified	0.95	0.22	4.07	1
	K73	Chronic hepatitis, not elsewhere classified	1.57	0.54	4.53	1
	K74	Fibrosis and cirrhosis of liver	1.88	1.08	3.27	1
	K75	Other inflammatory liver diseases	1.97	1.37	2.84	0.245
	K76	Other diseases of liver	3.39	2.97	3.87	<1.0x10⁻¹³
	K77	Liver disorders in diseases classified elsewhere	1.50	0.18	12.46	1
	K80	Cholelithiasis	1.71	1.20	2.43	1

Disease group	ICD-10 code	Disease	OR	Lower 95% CI	Upper 95% CI	p-value*
	K81	Cholecystitis	9.00	1.27	63.89	1
	K82	Other diseases of gallbladder	1.59	0.47	5.42	1
	K83	Other diseases of biliary tract	1.54	0.84	2.85	1
	K85	Acute pancreatitis	1.58	0.71	3.52	1
	K86	Other diseases of pancreas	2.36	1.75	3.18	1.70x10⁻⁵
	K90	Intestinal malabsorption	2.09	1.94	2.25	<1.0x10⁻¹³
	K91	Postprocedural disorders of digestive system, not elsewhere classified	2.61	1.94	3.52	2.20x10⁻⁷
	K92	Other diseases of digestive system	1.64	1.31	2.06	0.013
Skin and subcutaneous tissue	K93	Disorders of other digestive organs in diseases classified elsewhere	5.40	1.29	22.60	1
	L00	Staphylococcal scalded skin syndrome	6.00	1.00	35.91	1
	L01	Impetigo	1.91	1.67	2.19	<1.0x10⁻¹³
	L02	Cutaneous abscess, furuncle and carbuncle	1.42	1.19	1.71	0.115
	L03	Cellulitis	1.90	1.74	2.06	<1.0x10⁻¹³
	L04	Acute lymphadenitis	2.60	2.13	3.18	<1.0x10⁻¹³
	L05	Pilonidal cyst	1.67	1.21	2.31	1
	L08	Other local infections of skin and subcutaneous tissue	1.94	1.67	2.25	<1.0x10⁻¹³
	L10	Pemphigus	9.00	2.25	35.99	1
	L11	Other acantholytic disorders	1.98	1.03	3.80	1
	L12	Pemphigoid	3.50	1.46	8.38	1
	L13	Other bullous disorders	1.80	0.80	4.05	1
	L20	Atopic dermatitis	2.19	2.16	2.23	<1.0x10⁻¹³
	L21	Seborrhoeic dermatitis	2.00	1.82	2.20	<1.0x10⁻¹³
	L22	Diaper [napkin] dermatitis	2.50	1.97	3.16	1.98x10⁻¹¹
	L23	Allergic contact dermatitis	2.21	2.01	2.42	<1.0x10⁻¹³
	L24	Irritant contact dermatitis	1.99	1.18	3.36	1
	L25	Unspecified contact dermatitis	1.63	1.26	2.12	0.217
	L26	Exfoliative dermatitis	0.95	0.22	4.07	1
	L27	Dermatitis due to substances taken internally	2.07	1.90	2.26	<1.0x10⁻¹³
	L28	Lichen simplex chronicus and prurigo	1.66	1.39	1.99	2.13x10⁻⁵
	L29	Pruritus	2.10	1.87	2.36	<1.0x10⁻¹³
	L30	Other dermatitis	1.74	1.68	1.80	<1.0x10⁻¹³
	L40	Psoriasis	1.63	1.47	1.80	<1.0x10⁻¹³
	L41	Parapsoriasis	1.77	0.93	3.37	1
	L42	Pityriasis rosea	1.67	1.08	2.59	1
	L43	Lichen planus	1.48	0.78	2.80	1
	L44	Other papulosquamous disorders	2.71	1.94	3.80	5.66x10⁻⁶
	L50	Urticaria	1.84	1.69	2.00	<1.0x10⁻¹³
	L51	Erythema multiforme	2.13	1.03	4.41	1
	L52	Erythema nodosum	0.29	0.04	2.13	1
	L53	Other erythematous conditions	1.82	1.08	3.07	1
	L55	Sunburn	1.80	1.28	2.54	0.696
	L56	Other acute skin changes due to ultraviolet radiation	2.31	1.94	2.74	<1.0x10⁻¹³
	L57	Skin changes due to chronic exposure to nonionizing radiation	1.71	1.03	2.82	1
	L59	Other disorders of skin and subcutaneous tissue related to radiation	2.25	0.25	20.13	1
	L60	Nail disorders	1.54	1.42	1.68	<1.0x10⁻¹³
	L63	Alopecia areata	1.77	1.49	2.10	4.85x10⁻⁸
	L64	Androgenic alopecia	1.88	0.72	4.91	1
	L65	Other nonscarring hair loss	1.72	1.41	2.11	8.48x10⁻⁵
	L66	Cicatricial alopecia [scarring hair loss]	1.00	0.30	3.30	1
	L67	Hair colour and hair shaft abnormalities	1.93	0.80	4.66	1
	L68	Hypertrichosis	1.97	1.47	2.63	0.004
	L70	Acne	1.35	1.29	1.42	<1.0x10⁻¹³
	L71	Rosacea	1.78	1.43	2.23	<1.0x10⁻¹³
	L72	Follicular cysts of skin and subcutaneous tissue	1.36	1.07	1.73	1
	L73	Other follicular disorders	1.44	1.07	1.92	1
	L74	Eccrine sweat disorders	2.05	1.12	3.75	1
	L75	Apocrine sweat disorders	2.25	0.48	10.60	1
	L80	Vitiligo	1.74	1.49	2.03	2.80x10⁻⁹
	L81	Other disorders of pigmentation	1.99	1.81	2.18	<1.0x10⁻¹³
	L82	Seborrhoeic keratosis	2.09	1.14	3.82	1
	L83	Acanthosis nigricans	2.56	1.67	3.92	0.014
	L84	Corns and callosities	1.54	1.11	2.12	1
	L85	Other epidermal thickening	2.06	1.91	2.22	<1.0x10⁻¹³
	L87	Transepidermal elimination disorders	2.48	1.49	4.12	0.398
	L88	Pyoderma gangrenosum	3.00	0.31	28.84	1
	L89	Decubitus ulcer and pressure area	1.05	0.53	2.10	1
	L90	Atrophic disorders of skin	2.12	1.85	2.43	<1.0x10⁻¹³
	L91	Hypertrophic disorders of skin	2.20	1.87	2.58	<1.0x10⁻¹³
	L92	Granulomatous disorders of skin and subcutaneous tissue	1.73	1.32	2.26	0.051
	L93	Lupus erythematosus	1.46	0.62	3.46	1
	L94	Other localized connective tissue disorders	2.54	1.54	4.16	0.206
	L95	Vasculitis limited to skin, not elsewhere classified	3.27	1.04	10.28	1
	L97	Ulcer of lower limb, not elsewhere classified	1.00	0.13	7.89	1
	L98	Other disorders of skin and subcutaneous tissue, not elsewhere classified	2.02	1.71	2.40	5.76x10⁻¹³
	L99	Other disorders of skin and subcutaneous tissue in diseases classified	3.38	0.90	12.72	1

Disease group	ICD-10 code	Disease	OR	Lower 95% CI	Upper 95% CI	p-value*
		elsewhere				
Musculoskeletal system and connective tissue	M00	Pyogenic arthritis	1.50	0.52	4.32	1
	M01	Direct infections of joint in infectious and parasitic diseases classified elsewhere	4.09	1.42	11.77	1
	M02	Reactive arthropathies	1.96	1.21	3.17	1
	M05	Seropositive rheumatoid arthritis	2.00	0.43	9.26	1
	M06	Other rheumatoid arthritis	1.65	1.24	2.20	0.475
	M07	Psoriatic and enteropathic arthropathies	3.60	1.40	9.28	1
	M08	Juvenile arthritis	1.56	1.39	1.76	7.08x10⁻¹¹
	M09	Juvenile arthritis in diseases classified elsewhere	2.15	1.11	4.16	1
	M10	Gout	2.84	1.14	7.12	1
	M12	Other specific arthropathies	1.91	1.42	2.57	0.017
	M13	Other arthritis	1.44	1.18	1.77	0.313
	M14	Arthropathies in other diseases classified elsewhere	1.29	0.16	10.45	1
	M15	Polyarthrosis	13.50	2.26	80.80	1
	M16	Coxarthrosis [arthrosis of hip]	1.80	0.94	3.44	1
	M17	Gonarthrosis [arthrosis of knee]	1.69	1.04	2.76	1
	M19	Other arthrosis	2.80	1.54	5.10	0.662
	M20	Acquired deformities of fingers and toes	2.11	1.94	2.31	<1.0x10⁻¹³
	M21	Other acquired deformities of limbs	1.91	1.86	1.96	<1.0x10⁻¹³
	M22	Disorders of patella	1.31	1.16	1.47	0.008
	M23	Internal derangement of knee	1.31	1.08	1.59	1
	M24	Other specific joint derangements	1.35	1.18	1.55	0.012
	M25	Other joint disorders, not elsewhere classified	1.45	1.37	1.55	<1.0x10⁻¹³
	M30	Polyarteritis nodosa and related conditions	1.53	0.95	2.45	1
	M31	Other necrotizing vasculopathies	1.29	0.38	4.31	1
	M32	Systemic lupus erythematosus	2.00	0.83	4.84	1
	M33	Dermatopolymyositis	0.66	0.20	2.13	1
	M34	Systemic sclerosis	1.21	0.55	2.67	1
	M35	Other systemic involvement of connective tissue	2.40	2.14	2.69	<1.0x10⁻¹³
	M36	Systemic disorders of connective tissue in diseases classified elsewhere	1.13	0.26	4.89	1
	M40	Kyphosis and lordosis	2.27	2.15	2.39	<1.0x10⁻¹³
	M41	Scoliosis	1.81	1.76	1.88	<1.0x10⁻¹³
	M42	Spinal osteochondrosis	1.84	1.54	2.21	1.95x10⁻⁸
	M43	Other deforming dorsopathies	2.45	2.31	2.59	<1.0x10⁻¹³
	M45	Ankylosing spondylitis	1.33	0.47	3.81	1
	M46	Other inflammatory spondylopathies	1.24	0.59	2.60	1
	M47	Spondylosis	2.03	1.46	2.82	0.019
	M48	Other spondylopathies	2.21	1.45	3.37	0.194
	M50	Cervical disc disorders	13.50	2.26	80.80	1
	M51	Other intervertebral disc disorders	1.91	1.15	3.17	1
	M53	Other dorsopathies, not elsewhere classified	2.05	1.85	2.27	<1.0x10⁻¹³
	M54	Dorsalgia	1.77	1.67	1.87	<1.0x10⁻¹³
	M60	Myositis	2.09	1.05	4.17	1
	M61	Calcification and ossification of muscle	2.57	0.85	7.81	1
	M62	Other disorders of muscle	1.94	1.84	2.05	<1.0x10⁻¹³
	M63	Disorders of muscle in diseases classified elsewhere	1.33	0.63	2.80	1
	M65	Synovitis and tenosynovitis	1.21	0.93	1.59	1
	M66	Spontaneous rupture of synovium and tendon	1.20	0.27	5.25	1
	M67	Other disorders of synovium and tendon	2.03	1.84	2.24	<1.0x10⁻¹³
	M70	Soft tissue disorders related to use, overuse and pressure	1.36	1.01	1.82	1
	M71	Other bursopathies	1.86	1.46	2.36	<1.0x10⁻¹³
	M72	Fibroblastic disorders	1.40	0.99	1.98	1
	M73	Soft tissue disorders in diseases classified elsewhere	0.39	0.05	2.90	1
	M75	Shoulder lesions	2.15	1.56	2.96	0.003
	M76	Enthesopathies of lower limb, excluding foot	1.22	1.07	1.38	1
	M77	Other enthesopathies	1.32	1.17	1.49	0.009
	M79	Other soft tissue disorders, not elsewhere classified	1.60	1.50	1.72	<1.0x10⁻¹³
	M80	Osteoporosis with pathological fracture	2.40	0.80	7.23	1
	M81	Osteoporosis without pathological fracture	1.45	0.86	2.47	1
	M83	Adult osteomalacia	1.80	0.21	15.41	1
	M84	Disorders of continuity of bone	1.09	0.66	1.81	1
	M85	Other disorders of bone density and structure	1.62	1.26	2.08	0.164
	M86	Osteomyelitis	1.46	1.10	1.93	1
	M87	Osteonecrosis	1.06	0.75	1.49	1
	M89	Other disorders of bone	1.59	1.33	1.91	<1.0x10⁻¹³
	M90	Osteopathies in diseases classified elsewhere	1.29	0.16	10.45	1
	M91	Juvenile osteochondrosis of hip and pelvis	1.68	1.41	2.02	1.20x10⁻⁵
	M92	Other juvenile osteochondrosis	1.17	1.08	1.26	0.063
	M93	Other osteochondropathies	1.30	1.11	1.51	0.662
	M94	Other disorders of cartilage	1.85	1.24	2.76	1
	M95	Other acquired deformities of musculoskeletal system and connective tissue	2.06	1.93	2.20	<1.0x10⁻¹³
	M96	Postprocedural musculoskeletal disorders, not elsewhere classified	1.29	0.50	3.28	1
	M99	Biomechanical lesions, not elsewhere classified	2.04	1.95	2.13	<1.0x10⁻¹³
Genitourinary	N00	Acute nephritic syndrome	1.35	0.67	2.72	1

Disease group	ICD-10 code	Disease	OR	Lower 95% CI	Upper 95% CI	p-value*
system	N02	Recurrent and persistent haematuria	1.22	0.72	2.06	1
	N03	Chronic nephritic syndrome	0.32	0.08	1.32	1
	N04	Nephrotic syndrome	1.29	0.99	1.67	1
	N05	Unspecified nephritic syndrome	1.17	0.82	1.69	1
	N06	Isolated proteinuria with specified morphological lesion	1.93	0.55	6.71	1
	N07	Hereditary nephropathy, not elsewhere classified	1.42	0.42	4.80	1
	N08	Glomerular disorders in diseases classified elsewhere	1.85	0.82	4.18	1
	N10	Acute tubulo-interstitial nephritis	2.12	1.13	3.97	1
	N11	Chronic tubulo-interstitial nephritis	3.00	2.02	4.45	3.98x10 ⁻⁵
	N12	Tubulo-interstitial nephritis, not specified as acute or chronic	2.06	1.44	2.96	0.076
	N13	Obstructive and reflux uropathy	1.97	1.82	2.14	<1.0x10 ⁻¹³
	N15	Other renal tubulo-interstitial diseases	1.64	0.56	4.75	1
	N17	Acute renal failure	1.13	0.14	9.00	1
	N18	Chronic kidney disease	1.69	1.34	2.12	0.007
	N19	Unspecified kidney failure	3.33	2.65	4.18	<1.0x10 ⁻¹³
	N20	Calculus of kidney and ureter	1.60	1.14	2.24	1
	N21	Calculus of lower urinary tract	5.14	1.51	17.57	1
	N23	Unspecified renal colic	0.69	0.09	5.29	1
	N25	Disorders resulting from impaired renal tubular function	2.06	1.36	3.13	0.612
	N26	Unspecified contracted kidney	2.63	1.95	3.54	1.80x10 ⁻⁷
	N27	Small kidney of unknown cause	1.05	0.48	2.30	1
	N28	Other disorders of kidney and ureter, not elsewhere classified	1.94	1.76	2.14	<1.0x10 ⁻¹³
	N29	Other disorders of kidney and ureter in diseases classified elsewhere	2.81	1.58	5.02	0.408
	N30	Cystitis	2.07	1.74	2.47	3.84x10 ⁻¹³
	N31	Neuromuscular dysfunction of bladder, not elsewhere classified	2.44	2.14	2.78	<1.0x10 ⁻¹³
	N32	Other disorders of bladder	2.91	2.40	3.54	<1.0x10 ⁻¹³
	N34	Urethritis and urethral syndrome	0.88	0.31	2.45	1
	N35	Urethral stricture	2.22	1.75	2.83	6.13x10 ⁻⁸
	N36	Other disorders of urethra	1.84	0.93	3.63	1
	N39	Other disorders of urinary system	2.43	2.27	2.59	<1.0x10 ⁻¹³
	N43	Hydrocele and spermatocele	2.01	1.75	2.32	<1.0x10 ⁻¹³
	N44	Torsion of testis	1.64	1.06	2.53	1
	N45	Orchitis and epididymitis	2.02	1.27	3.21	1
	N47	Redundant prepuce, phimosis and paraphimosis	1.71	1.66	1.77	<1.0x10 ⁻¹³
	N48	Other disorders of penis	1.52	1.37	1.69	3.26x10 ⁻¹²
	N49	Inflammatory disorders of male genital organs, not elsewhere classified	1.20	0.27	5.25	1
	N50	Other disorders of male genital organs	2.11	1.75	2.54	3.84x10 ⁻¹²
	N51	Disorders of male genital organs in diseases classified elsewhere	0.50	0.07	3.75	1
	N60	Benign mammary dysplasia	2.77	0.90	8.49	1
	N61	Inflammatory disorders of breast	1.50	0.67	3.34	1
	N62	Hypertrophy of breast	1.92	1.61	2.30	4.59x10 ⁻¹⁰
	N63	Unspecified lump in breast	1.06	0.24	4.58	1
	N64	Other disorders of breast	2.26	1.79	2.86	8.43x10 ⁻⁹
	N72	Inflammatory disease of cervix uteri	9.00	0.56	143.90	1
	N73	Other female pelvic inflammatory diseases	2.25	0.25	20.13	1
	N76	Other inflammation of vagina and vulva	2.31	1.95	2.73	<1.0x10 ⁻¹³
	N77	Vulvovaginal ulceration and inflammation in diseases classified elsewhere	2.33	1.02	5.36	1
	N81	Female genital prolapse	4.50	0.82	24.57	1
	N83	Noninflammatory disorders of ovary, fallopian tube and broad ligament	2.37	1.67	3.36	0.001
	N84	Polyp of female genital tract	2.00	0.43	9.26	1
N85	Other noninflammatory disorders of uterus, except cervix	1.29	0.16	10.45	1	
N86	Erosion and ectropion of cervix uteri	2.77	1.25	6.12	1	
N88	Other noninflammatory disorders of cervix uteri	2.25	0.63	7.97	1	
N89	Other noninflammatory disorders of vagina	2.13	1.86	2.44	<1.0x10 ⁻¹³	
N90	Other noninflammatory disorders of vulva and perineum	2.35	1.50	3.68	0.170	
N91	Absent, scanty and rare menstruation	1.82	1.27	2.60	0.904	
N92	Excessive, frequent and irregular menstruation	2.16	1.90	2.46	<1.0x10 ⁻¹³	
N93	Other abnormal uterine and vaginal bleeding	2.85	1.70	4.77	0.060	
N94	Pain and other conditions associated with female genital organs and menstrual cycle	2.00	1.82	2.20	<1.0x10 ⁻¹³	
N99	Postprocedural disorders of genitourinary system, not elsewhere classified	2.70	0.74	9.81	1	
* Bonferroni-corrected p value Significant results at the level of 5% are in bold. Control group was matched by gender, age and associated regional ASHIP with a case-to-control-ratio of 1:9. OR, odds ratio; CI, confidence interval						