National Vaccine
Information Center
Your Health. Your Family. Your Choice. MedAlerts.org

Search Results

Proportional Reporting Ratio (PRR) / Chi-square Analysis

Government Disclaimer on use of this data

From the 11/24/2023 release of VAERS data

Vaccine: **COVID19 or COVID19-2**

Not Vaccine: **Cases WITHOUT COVID19 or COVID19-2**

Event: **All HLT Symptoms**

Considering: **Cases Where Location is South Carolina (19,274)**

Number of Cases that **do** have vaccine: **9,177**

Number of Cases that **do not** have vaccine: **10,097**

HLT Symptoms	**Has** Vaccine **Has** Event (N)	**Has** Vaccine **Not** Event	**Not** Vaccine **Has** Event	**Not** Vaccine **Not** Event	Chi-square	PRR
Abdominal and gastrointestinal infections	17	9,160	8	10,089	4.171	2.338
Abdominal and gastrointestinal injuries NEC	10	9,167	6	10,091	1.423	1.834
Abdominal findings abnormal	1	9,176	2	10,095	0.2453	0.5501
Abnormal behaviour NEC	7	9,170	50	10,047	28.61	0.1540
Abnormal reflexes	1	9,176	10	10,087	6.548	0.1100
Abnormal sleep-related events	10	9,167	5	10,092	2.185	2.201
Abortions spontaneous	10	9,167	9	10,088	0.1920	1.223
Absence seizures	1	9,176	1	10,096	0.0046	1.100
Accelerated and malignant hypertension	1	9,176	1	10,096	0.0046	1.100
Accidental exposures to product	1	9,176	8	10,089	4.810	0.1375
Acnes	7	9,170	7	10,090	0.0320	1.100
Acute and chronic thyroiditis	3	9,174	4	10,093	0.0635	0.8252
Acute polyneuropathies	17	9,160	57	10,040	18.08	0.3281
Administration site reactions NEC	3	9,174	5	10,092	0.3282	0.6602
Adrenal cortex tests	1	9,176	2	10,095	0.2453	0.5501

Adverse effect absent	213	8,964	643	9,454	185.5	0.3645
Affect alterations NEC	1	9,176	4	10,093	1.529	0.2751
Allergic conditions NEC	176	9,001	602	9,495	203.0	0.3217
Allergies to foods, food additives, drugs and other chemicals	16	9,161	47	10,050	12.51	0.3746
Alopecias	29	9,148	12	10,085	8.804	2.659
Amblyopic vision impairment	1	9,176	4	10,093	1.529	0.2751
Amnestic symptoms	52	9,125	23	10,074	14.24	2.488
Anaemias NEC	9	9,168	18	10,079	2.210	0.5501
Anaesthesia and allied procedures	3	9,174	1	10,096	1.203	3.301
Anal and rectal disorders NEC	1	9,176	1	10,096	0.0046	1.100
Anaphylactic and anaphylactoid responses	25	9,152	20	10,077	1.141	1.375
Aneurysms and dissections non-site specific	2	9,175	1	10,096	0.4367	2.201
Angioedemas	211	8,966	269	9,828	2.636	0.8630
Anxiety symptoms	102	9,075	293	9,804	76.77	0.3830
Aortic valvular disorders	3	9,174	1	10,096	1.203	3.301
Apocrine and eccrine gland disorders	379	8,798	179	9,918	95.01	2.330
Appetite disorders	146	9,031	169	9,928	0.2052	0.9505
Arterial infections and inflammations	12	9,165	2	10,095	8.154	6.602
Arthropathies NEC	31	9,146	17	10,080	5.556	2.006
Asthenic conditions	1,788	7,389	891	9,206	456.4	2.208
Attention deficit and disruptive behaviour disorders	1	9,176	1	10,096	0.0046	1.100
Auditory and vestibular diagnostic procedures	39	9,138	4	10,093	32.07	10.73
Auditory nerve disorders	204	8,973	24	10,073	162.1	9.352
Autoimmune disorders NEC	11	9,166	12	10,085	0.0004	1.009
Autoimmunity analyses	47	9,130	30	10,067	5.587	1.724
Autonomic nervous system disorders	29	9,148	20	10,077	2.637	1.595
Bacteria identification and serology (excl mycobacteria)	43	9,134	57	10,040	0.8577	0.8300
Bacterial infections NEC	34	9,143	186	9,911	92.27	0.2011
Bacterial upper respiratory tract infections	5	9,172	1	10,096	3.070	5.501
Behaviour and socialisation disturbances	6	9,171	13	10,084	1.960	0.5078
Benign and malignant breast neoplasms	9	9,168	2	10,095	5.163	4.951
Benign neoplasms gastrointestinal (excl oral cavity)	1	9,176	1	10,096	0.0046	1.100
Biliary tract and gallbladder therapeutic procedures	2	9,175	2	10,095	0.0091	1.100
Bladder and urethral symptoms	48	9,129	20	10,077	14.44	2.641
Bladder disorders NEC	3	9,174	1	10,096	1.203	3.301
Bleeding tendencies	16	9,161	27	10,070	1.870	0.6520
Blood and blood product treatment	5	9,172	10	10,087	1.227	0.5501

Blood counts NEC	145	9,032	116	9,981	6.691	1.375
Blood gas and acid base analyses	50	9,127	15	10,082	22.46	3.668
Blood pressure disorders NEC	5	9,172	6	10,091	0.0206	0.9169
Body temperature altered	2	9,175	2	10,095	0.0091	1.100
Bone and joint infections	2	9,175	1	10,096	0.4367	2.201
Bone and joint infections (excl arthritis)	2	9,175	1	10,096	0.4367	2.201
Bone and joint injuries NEC	14	9,163	19	10,078	0.3569	0.8107
Bone disorders NEC	4	9,173	7	10,090	0.5584	0.6287
Bone marrow and immune tissue histopathology procedures	5	9,172	3	10,094	0.7111	1.834
Bone related signs and symptoms	62	9,115	30	10,067	14.50	2.274
Breast and nipple neoplasms malignant	7	9,170	2	10,095	3.285	3.851
Breast signs and symptoms	49	9,128	9	10,088	31.70	5.990
Breathing abnormalities	505	8,672	363	9,734	40.68	1.531
Bronchial conditions NEC	1	9,176	4	10,093	1.529	0.2751
Bronchospasm and obstruction	86	9,091	96	10,001	0.0096	0.9856
Bruising, ecchymosis and purpura	98	9,079	134	9,963	2.717	0.8047
Bullous conditions	53	9,124	202	9,895	74.57	0.2887
Bursal disorders	10	9,167	19	10,078	2.008	0.5791
Calcium metabolism disorders	1	9,176	3	10,094	0.8202	0.3668
Candida infections	3	9,174	2	10,095	0.3076	1.650
Carbohydrate tolerance analyses (incl diabetes)	72	9,105	44	10,053	9.777	1.800
Cardiac auscultatory investigations	5	9,172	1	10,096	3.070	5.501
Cardiac conduction disorders	5	9,172	2	10,095	1.592	2.751
Cardiac device therapeutic procedures	9	9,168	2	10,095	5.163	4.951
Cardiac disorders NEC	25	9,152	8	10,089	10.50	3.438
Cardiac function diagnostic procedures	154	9,023	29	10,068	98.89	5.843
Cardiac imaging procedures	37	9,140	5	10,092	27.65	8.142
Cardiac signs and symptoms NEC	1,075	8,102	654	9,443	161.5	1.809
Cardiac therapeutic procedures NEC	11	9,166	4	10,093	3.981	3.026
Cartilage disorders	6	9,171	1	10,096	4.075	6.602
Cell marker analyses	8	9,169	2	10,095	4.207	4.401
Central nervous system and spinal infections	5	9,172	16	10,081	4.776	0.3438
Central nervous system haemorrhages and cerebrovascular accidents	86	9,091	24	10,073	41.45	3.943
Central nervous system imaging procedures	143	9,034	61	10,036	41.79	2.579
Cerebral injuries NEC	14	9,163	9	10,088	1.622	1.712
Cerebrospinal fluid tests (excl microbiology)	12	9,165	26	10,071	3.925	0.5078
Cerebrovascular and spinal necrosis and vascular	36	9,141	10	10,087	17.36	3.961

insufficiency						
Cerebrovascular and spinal vascular disorders NEC	168	9,009	54	10,043	70.91	3.423
Cervical spinal cord and nerve root disorders	1	9,176	2	10,095	0.2453	0.5501
Cervix disorders NEC	2	9,175	6	10,091	1.641	0.3668
Chemistry analyses NEC	5	9,172	2	10,095	1.592	2.751
Chemotherapies	3	9,174	1	10,096	1.203	3.301
Cholestasis and jaundice	5	9,172	2	10,095	1.592	2.751
Cholesterol analyses	13	9,164	8	10,089	1.721	1.788
Chromosome analyses	1	9,176	4	10,093	1.529	0.2751
Chronic polyneuropathies	1	9,176	4	10,093	1.529	0.2751
Circulatory collapse and shock	942	8,235	590	9,507	128.5	1.757
Coagulation and bleeding analyses	68	9,109	14	10,083	41.17	5.344
Coagulopathies	6	9,171	3	10,094	1.310	2.201
Cognitive and attention disorders and disturbances NEC	45	9,132	31	10,066	4.114	1.597
Colitis (excl infective)	11	9,166	2	10,095	7.141	6.051
Communications disorders	12	9,165	8	10,089	1.232	1.650
Complications associated with device NEC	6	9,171	8	10,089	0.1271	0.8252
Conditions associated with abnormal gas exchange	15	9,162	74	10,023	33.92	0.2230
Conditions caused by cold	4	9,173	2	10,095	0.8735	2.201
Confusion and disorientation	86	9,091	40	10,057	21.66	2.366
Conjunctival infections, irritations and inflammations	5	9,172	19	10,078	6.909	0.2895
Connective tissue disorders	6	9,171	7	10,090	0.0111	0.9431
Connective tissue disorders NEC	10	9,167	5	10,092	2.185	2.201
Contraceptive methods female	1	9,176	1	10,096	0.0046	1.100
Coordination and balance disturbances	110	9,067	82	10,015	7.283	1.476
Coronary artery disorders NEC	9	9,168	2	10,095	5.163	4.951
Coronary necrosis and vascular insufficiency	40	9,137	11	10,086	19.47	4.001
Coronavirus infections	519	8,658	6	10,091	568.2	95.17
Cortical dysfunction NEC	82	9,095	41	10,056	18.02	2.201
Coughing and associated symptoms	351	8,826	178	9,919	76.57	2.170
Crystal arthropathic disorders	5	9,172	3	10,094	0.7111	1.834
Death and sudden death	77	9,100	46	10,051	11.15	1.842
Decreased physical activity levels	3	9,174	1	10,096	1.203	3.301
Deliria	3	9,174	3	10,094	0.0137	1.100
Delusional symptoms	1	9,176	1	10,096	0.0046	1.100
Dementia (excl Alzheimer's type)	6	9,171	1	10,096	4.075	6.602
Dementia NEC	6	9,171	1	10,096	4.075	6.602
Demyelinating disorders NEC	4	9,173	15	10,082	5.379	0.2934

Dental and oral soft tissue infections	4	9,173	7	10,090	0.5584	0.6287
Dental and periodontal infections and inflammations	1	9,176	1	10,096	0.0046	1.100
Dental disorders NEC	1	9,176	1	10,096	0.0046	1.100
Dental pain and sensation disorders	12	9,165	5	10,092	3.601	2.641
Depressive disorders	19	9,158	7	10,090	6.768	2.986
Dermal and epidermal conditions NEC	838	8,339	955	9,142	0.6083	0.9655
Dermatitis and eczema	28	9,149	51	10,046	4.710	0.6041
Dermatitis ascribed to specific agent	1	9,176	2	10,095	0.2453	0.5501
Device issues NEC	6	9,171	3	10,094	1.310	2.201
Device malfunction events NEC	2	9,175	1	10,096	0.4367	2.201
Device physical property and chemical issues	17	9,160	7	10,090	5.194	2.672
Diabetes mellitus (incl subtypes)	5	9,172	12	10,085	2.260	0.4584
Diabetic complications neurological	4	9,173	2	10,095	0.8735	2.201
Diaphragmatic disorders	2	9,175	1	10,096	0.4367	2.201
Diaphragmatic hernias	1	9,176	1	10,096	0.0046	1.100
Diarrhoea (excl infective)	330	8,847	226	9,871	31.63	1.607
Dietary and nutritional therapies	1	9,176	1	10,096	0.0046	1.100
Digestive enzymes	4	9,173	2	10,095	0.8735	2.201
Disability issues	190	8,987	105	9,992	33.87	1.991
Disorders of purine metabolism	4	9,173	2	10,095	0.8735	2.201
Disturbances in consciousness NEC	493	8,684	469	9,628	5.361	1.157
Disturbances in initiating and maintaining sleep	102	9,075	101	9,996	0.5702	1.111
Diverticulum inflammations	4	9,173	1	10,096	2.103	4.401
Dyskinesias and movement disorders NEC	74	9,103	137	9,960	13.45	0.5943
Dyspeptic signs and symptoms	29	9,148	17	10,080	4.401	1.877
Dyspnoeas	479	8,698	273	9,824	81.15	1.930
Dyssomnias	162	9,015	189	9,908	0.3053	0.9431
Dystonias	11	9,166	9	10,088	0.4380	1.345
ECG investigations	291	8,886	65	10,032	169.4	4.926
Ear disorders NEC	104	9,073	36	10,061	40.22	3.179
Ear infections	9	9,168	51	10,046	25.67	0.1942
Ear injuries NEC	4	9,173	1	10,096	2.103	4.401
Eating disorders NEC	35	9,142	22	10,075	4.359	1.750
Emotional and mood disturbances NEC	29	9,148	450	9,647	340.1	0.0709
Encephalitis NEC	2	9,175	7	10,090	2.327	0.3144
Encephalopathies NEC	3	9,174	3	10,094	0.0137	1.100
Endocrine autoimmune disorders	4	9,173	8	10,089	0.9817	0.5501
Epstein-Barr viral infections	2	9,175	4	10,093	0.4907	0.5501
Erythemas	732	8,445	1,985	8,112	541.9	0.4057

Exfoliative conditions	15	9,162	24	10,073	1.312	0.6877
Exposures associated with pregnancy, delivery and lactation	42	9,135	170	9,927	66.43	0.2718
Exposures to agents or circumstances NEC	25	9,152	3	10,094	19.52	9.169
External ear disorders NEC	2	9,175	1	10,096	0.4367	2.201
Extremity deformities	2	9,175	1	10,096	0.4367	2.201
Eye and ear procedural complications	4	9,173	1	10,096	2.103	4.401
Eye and eyelid infections	7	9,170	17	10,080	3.278	0.4530
Eye injuries NEC	3	9,174	1	10,096	1.203	3.301
Eye movement disorders	4	9,173	4	10,093	0.0183	1.100
Eyelid movement disorders	14	9,163	10	10,087	1.107	1.540
Facial cranial nerve disorders	89	9,088	37	10,060	26.95	2.647
Faecal abnormalities NEC	8	9,169	15	10,082	1.520	0.5868
Faecal analyses NEC	3	9,174	18	10,079	9.362	0.1834
Fear symptoms and phobic disorders (incl social phobia)	25	9,152	5	10,092	15.37	5.501
Febrile disorders	1,279	7,898	1,887	8,210	79.07	0.7457
Feelings and sensations NEC	1,662	7,515	892	9,205	359.9	2.050
Female gonadal function disorders	65	9,112	9	10,088	48.19	7.946
Female reproductive tract infections	1	9,176	3	10,094	0.8202	0.3668
Flatulence, bloating and distension	23	9,154	9	10,088	7.564	2.812
Fluctuating mood symptoms	3	9,174	1	10,096	1.203	3.301
Fluid intake decreased	2	9,175	3	10,094	0.1162	0.7335
Foetal and neonatal diagnostic procedures	3	9,174	2	10,095	0.3076	1.650
Foetal and neonatal imaging procedures	2	9,175	3	10,094	0.1162	0.7335
Foetal growth complications	1	9,176	5	10,092	2.304	0.2201
Food malabsorption and intolerance syndromes (excl sugar intolerance)	2	9,175	4	10,093	0.4907	0.5501
Fractures NEC	3	9,174	2	10,095	0.3076	1.650
Fractures and dislocations NEC	3	9,174	2	10,095	0.3076	1.650
Fungal infections NEC	4	9,173	5	10,092	0.0363	0.8802
Fungus identification and serology	2	9,175	1	10,096	0.4367	2.201
Gait disturbances	160	9,017	126	9,971	8.077	1.397
Gallbladder disorders NEC	2	9,175	2	10,095	0.0091	1.100
Gastric and gastroenteric infections	3	9,174	9	10,088	2.462	0.3668
Gastric ulcers and perforation	1	9,176	1	10,096	0.0046	1.100
Gastritis (excl infective)	3	9,174	3	10,094	0.0137	1.100
Gastrointestinal and abdominal imaging procedures	56	9,121	19	10,078	22.09	3.243
Gastrointestinal and abdominal pains (excl oral and throat)	204	8,973	164	9,933	9.201	1.369

Gastrointestinal atonic and hypomotility disorders NEC	27	9,150	31	10,066	0.0263	0.9583
Gastrointestinal disorders NEC	21	9,156	18	10,079	0.6086	1.284
Gastrointestinal dyskinetic disorders	7	9,170	2	10,095	3.285	3.851
Gastrointestinal function diagnostic procedures	4	9,173	5	10,092	0.0363	0.8802
Gastrointestinal haemorrhages	23	9,154	28	10,069	0.1297	0.9038
Gastrointestinal histopathology procedures	1	9,176	2	10,095	0.2453	0.5501
Gastrointestinal necrosis and vascular insufficiency	1	9,176	1	10,096	0.0046	1.100
Gastrointestinal neoplasms benign NEC	1	9,176	1	10,096	0.0046	1.100
Gastrointestinal signs and symptoms NEC	157	9,020	95	10,002	22.09	1.818
Gastrointestinal spastic and hypermotility disorders	6	9,171	3	10,094	1.310	2.201
Gastrointestinal therapeutic procedures NEC	2	9,175	5	10,092	1.018	0.4401
Gastrointestinal varicosities and haemorrhoids	2	9,175	2	10,095	0.0091	1.100
Gene analyses	2	9,175	1	10,096	0.4367	2.201
General nutritional disorders NEC	40	9,137	21	10,076	7.914	2.096
General signs and symptoms NEC	1,635	7,542	1,885	8,212	2.341	0.9543
Generalised tonic-clonic seizures	4	9,173	18	10,079	7.649	0.2445
Genital and urinary tract disorders NEC	2	9,175	1	10,096	0.4367	2.201
Genitourinary tract infections and inflammations NEC	27	9,150	14	10,083	5.481	2.122
Gestational age and weight conditions	1	9,176	2	10,095	0.2453	0.5501
Gingival disorders, signs and symptoms NEC	12	9,165	1	10,096	10.42	13.20
Gingival infections	1	9,176	2	10,095	0.2453	0.5501
Glaucomas (excl congenital)	1	9,176	1	10,096	0.0046	1.100
Glomerulonephritis and nephrotic syndrome	1	9,176	4	10,093	1.529	0.2751
Haematological analyses NEC	41	9,136	38	10,059	0.5840	1.187
Haematological disorders	5	9,172	2	10,095	1.592	2.751
Haematological therapeutic procedures NEC	40	9,137	1	10,096	41.09	44.01
Haemolyses NEC	2	9,175	1	10,096	0.4367	2.201
Haemorrhages NEC	78	9,099	61	10,036	4.057	1.407
Haemorrhoids and gastrointestinal varices (excl oesophageal)	2	9,175	2	10,095	0.0091	1.100
Hallucinations (excl sleep-related)	22	9,155	18	10,079	0.8768	1.345
Headaches NEC	1,458	7,719	666	9,431	423.3	2.409
Hearing losses	65	9,112	28	10,069	18.60	2.554
Heart failure signs and symptoms	293	8,884	389	9,708	6.133	0.8287
Heart failures NEC	19	9,158	3	10,094	13.26	6.968
Heart rate and pulse investigations	234	8,943	90	10,007	80.01	2.861
Hepatic and hepatobiliary disorders NEC	3	9,174	2	10,095	0.3076	1.650

Hepatic enzymes and function abnormalities	2	9,175	2	10,095	0.0091	1.100
Hepatic vascular disorders	1	9,176	1	10,096	0.0046	1.100
Hepatobiliary function diagnostic procedures	49	9,128	31	10,066	5.989	1.739
Hepatobiliary imaging procedures	7	9,170	3	10,094	2.010	2.567
Hepatobiliary signs and symptoms	5	9,172	1	10,096	3.070	5.501
Hepatocellular damage and hepatitis NEC	8	9,169	5	10,092	1.011	1.760
Herpes viral infections	134	9,043	299	9,798	49.33	0.4931
Histopathology procedures NEC	27	9,150	14	10,083	5.481	2.122
Hydrocephalic conditions	1	9,176	2	10,095	0.2453	0.5501
Hyperacusia	7	9,170	6	10,091	0.2026	1.284
Hyperglycaemic conditions NEC	2	9,175	7	10,090	2.327	0.3144
Hyperkeratoses	1	9,176	2	10,095	0.2453	0.5501
Hyperpigmentation disorders	1	9,176	2	10,095	0.2453	0.5501
Hypoglycaemic conditions NEC	1	9,176	2	10,095	0.2453	0.5501
Imaging procedures NEC	430	8,747	182	9,915	130.0	2.599
Immune and associated conditions NEC	170	9,007	131	9,966	9.634	1.428
Immune response protein analyses NEC	3	9,174	2	10,095	0.3076	1.650
Immunisations	35	9,142	1	10,096	35.59	38.51
Immunoglobulin analyses	13	9,164	10	10,087	0.7326	1.430
Immunology analyses NEC	22	9,155	23	10,074	0.0294	1.052
Immunology skin tests NEC	3	9,174	4	10,093	0.0635	0.8252
Increased intracranial pressure disorders	5	9,172	5	10,092	0.0228	1.100
Increased physical activity levels	8	9,169	13	10,084	0.7636	0.6771
Infections NEC	48	9,129	159	9,938	50.05	0.3322
Inflammations	61	9,116	41	10,056	6.109	1.637
Inflammatory disorders following infection	28	9,149	74	10,023	16.71	0.4163
Influenza viral infections	27	9,150	56	10,041	7.603	0.5305
Injection site reactions	1,021	8,156	2,705	7,392	756.5	0.4153
Inner ear disorders NEC	4	9,173	1	10,096	2.103	4.401
Inner ear signs and symptoms	296	8,881	49	10,048	205.3	6.646
Interactions	1	9,176	3	10,094	0.8202	0.3668
Intervertebral disc disorders NEC	13	9,164	6	10,091	3.301	2.384
Intestinal haemorrhages	4	9,173	1	10,096	2.103	4.401
Intestinal infections	12	9,165	1	10,096	10.42	13.20
Investigations NEC	526	8,651	237	9,860	144.8	2.442
Iris and uveal tract infections, irritations and inflammations	5	9,172	3	10,094	0.7111	1.834
Ischaemic coronary artery disorders	433	8,744	149	9,948	172.6	3.197
Joint related disorders NEC	31	9,146	23	10,074	2.083	1.483

Joint related signs and symptoms	620	8,557	393	9,704	79.18	1.736
Joint therapeutic procedures	9	9,168	3	10,094	3.611	3.301
Labour onset and length abnormalities	3	9,174	7	10,090	1.244	0.4715
Lacrimation disorders	27	9,150	17	10,080	3.343	1.747
Large intestine therapeutic procedures	11	9,166	7	10,090	1.316	1.729
Laryngeal and adjacent sites disorders NEC (excl infections and neoplasms)	1	9,176	4	10,093	1.529	0.2751
Laryngeal spasm, oedema and obstruction	11	9,166	34	10,063	9.707	0.3560
Left ventricular failures	16	9,161	4	10,093	8.419	4.401
Lens therapeutic procedures	2	9,175	1	10,096	0.4367	2.201
Leukocytoses NEC	6	9,171	22	10,075	7.708	0.3001
Lid, lash and lacrimal infections, irritations and inflammations	23	9,154	21	10,076	0.3838	1.205
Limb fractures	5	9,172	4	10,093	0.2277	1.375
Limb fractures and dislocations	5	9,172	4	10,093	0.2277	1.375
Lipid metabolism and deposit disorders NEC	3	9,174	1	10,096	1.203	3.301
Lipoprotein and lipid tests NEC	7	9,170	1	10,096	5.105	7.702
Lower respiratory tract and lung infections	55	9,122	55	10,042	0.2526	1.100
Lower respiratory tract infections NEC	55	9,122	55	10,042	0.2526	1.100
Lower respiratory tract inflammatory and immunologic conditions	6	9,171	1	10,096	4.075	6.602
Lower respiratory tract signs and symptoms	20	9,157	1	10,096	19.12	22.01
Lumbar spinal cord and nerve root disorders	12	9,165	4	10,093	4.815	3.301
Lupus erythematosus (incl subtypes)	5	9,172	4	10,093	0.2277	1.375
Lupus erythematosus and associated conditions	5	9,172	4	10,093	0.2277	1.375
Lymphatic system disorders NEC	281	8,896	113	9,984	90.63	2.736
Lymphoedemas	8	9,169	2	10,095	4.207	4.401
Lymphoid tissue therapeutic procedures	1	9,176	1	10,096	0.0046	1.100
Lymphomas unspecified NEC	1	9,176	1	10,096	0.0046	1.100
Mass conditions NEC	44	9,133	48	10,049	0.0017	1.009
Medication errors, product use errors and issues NEC	26	9,151	74	10,023	18.83	0.3866
Memory loss (excl dementia)	52	9,125	23	10,074	14.24	2.488
Meningeal viral infections	1	9,176	1	10,096	0.0046	1.100
Meningitis NEC	3	9,174	4	10,093	0.0635	0.8252
Menopausal effects NEC	52	9,125	12	10,085	29.13	4.768
Menstruation and uterine bleeding NEC	95	9,082	8	10,089	82.65	13.07
Menstruation with decreased bleeding	26	9,151	5	10,092	16.36	5.721
Menstruation with increased bleeding	62	9,115	4	10,093	56.98	17.05
Mental disorders NEC	13	9,164	11	10,086	0.4137	1.300

Mental disorders due to a general medical condition NEC	2	9,175	1	10,096	0.4367	2.201
Mental impairment (excl dementia and memory loss)	45	9,132	24	10,073	8.604	2.063
Metabolic acidoses (excl diabetic acidoses)	3	9,174	2	10,095	0.3076	1.650
Metabolic disorders NEC	8	9,169	14	10,083	1.118	0.6287
Metabolism tests NEC	116	9,061	51	10,046	32.24	2.503
Microbiology and serology tests NEC	38	9,139	79	10,018	10.81	0.5292
Migraine headaches	113	9,064	37	10,060	46.57	3.360
Mineral and electrolyte analyses	58	9,119	20	10,077	22.46	3.191
Mitral valvular disorders	8	9,169	3	10,094	2.783	2.934
Mononeuropathies	7	9,170	9	10,088	0.0958	0.8558
Mood alterations with depressive symptoms	9	9,168	2	10,095	5.163	4.951
Mood disorders NEC	108	9,069	92	10,005	3.305	1.292
Motor neurone diseases	5	9,172	1	10,096	3.070	5.501
Mucosal findings abnormal	4	9,173	4	10,093	0.0183	1.100
Multiple sclerosis acute and progressive	6	9,171	7	10,090	0.0111	0.9431
Muscle and soft tissue infections	1	9,176	1	10,096	0.0046	1.100
Muscle infections and inflammations	1	9,176	5	10,092	2.304	0.2201
Muscle injuries	6	9,171	3	10,094	1.310	2.201
Muscle pains	497	8,680	351	9,746	42.99	1.558
Muscle related signs and symptoms NEC	1,205	7,972	598	9,499	294.6	2.217
Muscle tone abnormal	11	9,166	108	9,989	70.67	0.1121
Muscle tone abnormalities	17	9,160	112	9,985	61.74	0.1670
Muscle weakness conditions	98	9,079	93	10,004	1.056	1.159
Muscle, tendon and ligament injuries	20	9,157	22	10,075	0.0000	1.000
Muscular autoimmune disorders	8	9,169	20	10,077	4.076	0.4401
Musculoskeletal and connective tissue conditions NEC	401	8,776	366	9,731	6.979	1.205
Musculoskeletal and connective tissue deformities of skull, face and buccal cavity	3	9,174	1	10,096	1.203	3.301
Musculoskeletal and connective tissue infections and inflammations NEC	1	9,176	1	10,096	0.0046	1.100
Musculoskeletal and connective tissue pain and discomfort	1,163	8,014	825	9,272	105.3	1.551
Musculoskeletal and soft tissue imaging procedures	37	9,140	19	10,078	7.671	2.143
Musculoskeletal and soft tissue tests NEC	2	9,175	2	10,095	0.0091	1.100
Myasthenia gravis and related conditions	2	9,175	16	10,081	9.624	0.1375
Mycobacteria identification and serology	7	9,170	4	10,093	1.133	1.925
Myelitis (incl infective)	4	9,173	11	10,086	2.641	0.4001
Myoneurogenic bladder disorders	3	9,174	1	10,096	1.203	3.301

Myopathies	7	9,170	7	10,090	0.0320	1.100
Nail and nail bed conditions (excl infections and infestations)	2	9,175	1	10,096	0.4367	2.201
Narcolepsy and associated conditions	2	9,175	1	10,096	0.4367	2.201
Narcolepsy and hypersomnia	46	9,131	15	10,082	18.96	3.374
Nasal congestion and inflammations	63	9,114	42	10,055	6.494	1.650
Nasal disorders NEC	110	9,067	12	10,085	89.12	10.09
Nausea and vomiting symptoms	1,026	8,151	781	9,316	67.16	1.445
Neisseria infections	1	9,176	2	10,095	0.2453	0.5501
Neoplasms benign site unspecified NEC	5	9,172	5	10,092	0.0228	1.100
Neoplasms malignant site unspecified NEC	4	9,173	2	10,095	0.8735	2.201
Nerve injuries NEC	4	9,173	8	10,089	0.9817	0.5501
Nervous system autoimmune disorders	24	9,153	78	10,019	23.85	0.3385
Nervous system disorders NEC	13	9,164	17	10,080	0.2207	0.8414
Nervous system haemorrhagic disorders	23	9,154	6	10,091	11.70	4.218
Neurologic diagnostic procedures	68	9,109	110	9,987	6.379	0.6802
Neurologic visual problems NEC	133	9,044	79	10,018	19.65	1.852
Neurological signs and symptoms NEC	1,192	7,985	1,177	8,920	7.913	1.114
Neuromuscular disorders NEC	103	9,074	97	10,000	1.224	1.168
Neuromuscular junction dysfunction	2	9,175	16	10,081	9.624	0.1375
Non-site specific embolism and thrombosis	62	9,115	5	10,092	54.40	13.64
Non-site specific gastrointestinal haemorrhages	10	9,167	24	10,073	4.524	0.4584
Non-site specific injuries NEC	129	9,048	85	10,012	13.92	1.670
Non-site specific procedural complications	1	9,176	1	10,096	0.0046	1.100
Non-site specific vascular disorders NEC	13	9,164	228	9,869	174.4	0.0627
Noninfectious myocarditis	28	9,149	4	10,093	20.44	7.702
Noninfectious pericarditis	25	9,152	6	10,091	13.58	4.584
Normal pregnancy, labour and delivery	7	9,170	8	10,089	0.0054	0.9627
Obstetric therapeutic procedures	2	9,175	5	10,092	1.018	0.4401
Occupational exposures	4	9,173	3	10,094	0.2549	1.467
Ocular bleeding and vascular disorders NEC	5	9,172	1	10,096	3.070	5.501
Ocular disorders NEC	109	9,068	97	10,000	2.344	1.236
Ocular haemorrhagic disorders	4	9,173	2	10,095	0.8735	2.201
Ocular infections, inflammations and associated manifestations	47	9,130	51	10,046	0.0047	1.014
Ocular nerve and muscle disorders	19	9,158	66	10,031	21.84	0.3167
Ocular sensation disorders	39	9,138	18	10,079	9.923	2.384
Ocular signs and symptoms NEC	44	9,133	22	10,075	9.639	2.201
Ocular vascular disorders NEC	2	9,175	1	10,096	0.4367	2.201

Oedema NEC	29	9,148	355	9,742	252.1	0.0899
Off label uses	36	9,141	6	10,091	24.50	6.602
Oncologic complications and emergencies	4	9,173	6	10,091	0.2325	0.7335
Ophthalmic function diagnostic procedures	6	9,171	1	10,096	4.075	6.602
Optic disc abnormalities NEC	1	9,176	1	10,096	0.0046	1.100
Optic nerve disorders NEC	5	9,172	2	10,095	1.592	2.751
Optic nerve infections and inflammations	2	9,175	2	10,095	0.0091	1.100
Oral dryness and saliva altered	34	9,143	25	10,072	2.379	1.496
Oral soft tissue disorders NEC	20	9,157	9	10,088	5.309	2.445
Oral soft tissue infections	20	9,157	77	10,020	28.48	0.2858
Oral soft tissue signs and symptoms	439	8,738	125	9,972	212.8	3.864
Oral soft tissue swelling and oedema	76	9,101	46	10,051	10.61	1.818
Osteoarthropathies	6	9,171	6	10,091	0.0274	1.100
Ovarian and fallopian tube cysts and neoplasms	3	9,174	2	10,095	0.3076	1.650
Ovarian and fallopian tube disorders NEC	1	9,176	1	10,096	0.0046	1.100
Ovarian neoplasms benign	3	9,174	2	10,095	0.3076	1.650
Overdoses NEC	3	9,174	1	10,096	1.203	3.301
Pain and discomfort NEC	1,623	7,554	1,221	8,876	119.6	1.462
Panic attacks and disorders	20	9,157	4	10,093	12.29	5.501
Panniculitides	1	9,176	2	10,095	0.2453	0.5501
Papulosquamous conditions	10	9,167	2	10,095	6.142	5.501
Paraesthesias and dysaesthesias	670	8,507	423	9,674	87.01	1.743
Paralysis and paresis (excl cranial nerve)	34	9,143	40	10,057	0.0828	0.9352
Paranasal sinus disorders (excl infections and neoplasms)	49	9,128	11	10,086	27.98	4.901
Paranasal therapeutic procedures	6	9,171	3	10,094	1.310	2.201
Parasite identification and serology	1	9,176	3	10,094	0.8202	0.3668
Parasomnias	20	9,157	11	10,086	3.557	2.000
Parenchymal lung disorders NEC	12	9,165	1	10,096	10.42	13.20
Parkinson's disease and parkinsonism	3	9,174	1	10,096	1.203	3.301
Pathways and sources of exposure	1	9,176	5	10,092	2.304	0.2201
Penile disorders NEC (excl erection and ejaculation)	1	9,176	2	10,095	0.2453	0.5501
Perception disturbances NEC	2	9,175	1	10,096	0.4367	2.201
Peripheral embolism and thrombosis	36	9,141	2	10,095	33.90	19.80
Peripheral nerve injuries	2	9,175	1	10,096	0.4367	2.201
Peripheral neuropathies NEC	130	9,047	281	9,816	43.01	0.5090
Peripheral vascular disorders NEC	157	9,020	122	9,975	8.510	1.416
Peripheral vasoconstriction, necrosis and vascular insufficiency	27	9,150	43	10,054	2.303	0.6909

Pharyngeal disorders (excl infections and neoplasms)	64	9,113	35	10,062	11.57	2.012
Photosensitivity and photodermatosis conditions	6	9,171	3	10,094	1.310	2.201
Phototherapies	1	9,176	1	10,096	0.0046	1.100
Physical examination procedures and organ system status	344	8,833	160	9,937	88.40	2.366
Pigmentation changes NEC	1	9,176	1	10,096	0.0046	1.100
Pituitary analyses anterior	22	9,155	20	10,077	0.3836	1.210
Plasma cell myelomas	1	9,176	2	10,095	0.2453	0.5501
Platelet analyses	40	9,137	22	10,075	7.125	2.000
Pneumothorax and pleural effusions NEC	9	9,168	3	10,094	3.611	3.301
Poisoning and toxicity	6	9,171	5	10,092	0.2120	1.320
Potassium imbalance	2	9,175	7	10,090	2.327	0.3144
Product administration errors and issues	899	8,278	656	9,441	70.55	1.508
Product distribution and storage issues	5	9,172	1	10,096	3.070	5.501
Product label issues	2	9,175	2	10,095	0.0091	1.100
Product physical issues	2	9,175	4	10,093	0.4907	0.5501
Product preparation errors and issues	109	9,068	32	10,065	50.20	3.748
Product quality issues NEC	8	9,169	15	10,082	1.520	0.5868
Product storage errors and issues in the product use system	139	9,038	352	9,745	75.27	0.4345
Product supply and availability issues	3	9,174	5	10,092	0.3282	0.6602
Protein analyses NEC	60	9,117	35	10,062	9.249	1.886
Pruritus NEC	714	8,463	860	9,237	3.483	0.9135
Psoriatic conditions	7	9,170	2	10,095	3.285	3.851
Psychiatric symptoms NEC	71	9,106	70	10,027	0.4279	1.116
Psychotic disorder NEC	1	9,176	2	10,095	0.2453	0.5501
Pulmonary embolism and thrombosis	42	9,135	2	10,095	40.47	23.11
Pulmonary hypertensions	5	9,172	1	10,096	3.070	5.501
Pulmonary oedemas	16	9,161	5	10,092	6.883	3.521
Pulmonary thrombotic and embolic conditions	42	9,135	2	10,095	40.47	23.11
Pulmonary vascular disorders NEC	5	9,172	2	10,095	1.592	2.751
Pupil disorders	9	9,168	7	10,090	0.4789	1.415
Pupillary signs	9	9,168	7	10,090	0.4789	1.415
Purpura and related conditions	19	9,158	37	10,060	4.217	0.5650
Purpuras (excl thrombocytopenic)	2	9,175	9	10,088	3.822	0.2445
Pustular conditions	4	9,173	20	10,077	9.226	0.2201
Radiotherapies site unspecified	3	9,174	1	10,096	1.203	3.301
Rashes, eruptions and exanthems NEC	803	8,374	1,297	8,800	83.05	0.6812

Rate and rhythm disorders NEC	115	9,062	73	10,024	13.99	1.733
Red blood cell analyses	37	9,140	20	10,077	6.859	2.035
Renal disorders NEC	12	9,165	8	10,089	1.232	1.650
Renal failure and impairment	14	9,163	10	10,087	1.107	1.540
Renal function analyses	35	9,142	14	10,083	11.17	2.751
Renal infections and inflammations (excl nephritis)	3	9,174	3	10,094	0.0137	1.100
Renal lithiasis	7	9,170	1	10,096	5.105	7.702
Renal vascular and ischaemic conditions	1	9,176	2	10,095	0.2453	0.5501
Reproductive hormone analyses	16	9,161	23	10,074	0.6799	0.7654
Reproductive organ and breast histopathology procedures	8	9,169	25	10,072	7.239	0.3521
Reproductive organ and breast imaging procedures	39	9,138	13	10,084	15.68	3.301
Reproductive system haemorrhages	27	9,150	5	10,092	17.37	5.941
Reproductive tract signs and symptoms NEC	13	9,164	14	10,083	0.0031	1.022
Respiratory acidoses	7	9,170	6	10,091	0.2026	1.284
Respiratory and pulmonary function diagnostic procedures	11	9,166	2	10,095	7.141	6.051
Respiratory failures (excl neonatal)	13	9,164	5	10,092	4.374	2.861
Respiratory signs and symptoms NEC	425	8,752	145	9,952	171.0	3.225
Respiratory tract and thoracic imaging procedures	192	8,985	61	10,036	82.18	3.463
Respiratory tract disorders NEC	102	9,075	45	10,052	28.16	2.494
Respiratory tract infections NEC	4	9,173	3	10,094	0.2549	1.467
Respiratory tract therapeutic procedures NEC	10	9,167	9	10,088	0.1920	1.223
Retinal necrosis and vascular insufficiency	2	9,175	1	10,096	0.4367	2.201
Retinal structural change, deposit and degeneration	1	9,176	2	10,095	0.2453	0.5501
Retinal, choroid and vitreous infections and inflammations	2	9,175	2	10,095	0.0091	1.100
Rheumatoid arthritis and associated conditions	15	9,162	3	10,094	9.216	5.501
Rheumatoid arthropathies	15	9,162	3	10,094	9.216	5.501
Salivary gland enlargements	2	9,175	3	10,094	0.1162	0.7335
Salivary gland infections and inflammations	1	9,176	3	10,094	0.8202	0.3668
Scleroderma and associated disorders	1	9,176	1	10,096	0.0046	1.100
Scrotal disorders NEC	4	9,173	1	10,096	2.103	4.401
Seizures and seizure disorders NEC	84	9,093	277	9,820	87.41	0.3337
Sensory abnormalities NEC	210	8,967	86	10,011	65.61	2.687
Sepsis, bacteraemia, viraemia and fungaemia NEC	11	9,166	8	10,089	0.8060	1.513
Sexual dysfunction NEC	1	9,176	5	10,092	2.304	0.2201
Sexual function and fertility disorders NEC	5	9,172	7	10,090	0.1702	0.7859
Sickle cell trait and disorders	2	9,175	1	10,096	0.4367	2.201

Site specific embolism and thrombosis NEC	5	9,172	1	10,096	3.070	5.501
Site specific injuries NEC	32	9,145	26	10,071	1.333	1.354
Site specific vascular disorders NEC	75	9,102	161	9,936	24.01	0.5125
Skeletal and cardiac muscle analyses	92	9,085	35	10,062	31.59	2.892
Skin and subcutaneous conditions NEC	41	9,136	105	9,992	22.50	0.4296
Skin and subcutaneous tissue bacterial infections	26	9,151	178	9,919	100.5	0.1607
Skin and subcutaneous tissue infections NEC	1	9,176	6	10,091	3.118	0.1834
Skin and subcutaneous tissue therapeutic procedures NEC	2	9,175	1	10,096	0.4367	2.201
Skin and subcutaneous tissue ulcerations	2	9,175	32	10,065	23.78	0.0688
Skin and subcutaneous tissue viral infections	113	9,064	293	9,804	65.06	0.4243
Skin haemorrhages	2	9,175	1	10,096	0.4367	2.201
Skin histopathology and skin investigations NEC	13	9,164	7	10,090	2.426	2.043
Skin injuries NEC	93	9,084	168	9,929	15.23	0.6091
Skin injuries and mechanical dermatoses	101	9,076	123	9,974	0.5789	0.9035
Skin neoplasms malignant and unspecified (excl melanoma)	1	9,176	2	10,095	0.2453	0.5501
Skin preneoplastic conditions NEC	1	9,176	1	10,096	0.0046	1.100
Skin structures and soft tissue infections	5	9,172	24	10,073	10.74	0.2292
Skin vascular conditions NEC	26	9,151	67	10,030	14.48	0.4270
Skin vasculitides	2	9,175	1	10,096	0.4367	2.201
Skin vasomotor conditions	104	9,073	275	9,822	63.07	0.4161
Sleep apnoeas	2	9,175	2	10,095	0.0091	1.100
Sleep disorders NEC	109	9,068	56	10,041	22.71	2.142
Sleep disturbances NEC	10	9,167	11	10,086	0.0000	1.000
Social issues NEC	7	9,170	4	10,093	1.133	1.925
Sodium imbalance	1	9,176	7	10,090	3.956	0.1572
Soft tissue disorders NEC	17	9,160	10	10,087	2.554	1.870
Somatic symptom disorders	7	9,170	1	10,096	5.105	7.702
Specific cognitive ability disturbances	23	9,154	9	10,088	7.564	2.812
Speech and language abnormalities	90	9,087	77	10,020	2.663	1.286
Speech and language usage disturbances	33	9,144	31	10,066	0.4015	1.171
Speech articulation and rhythm disturbances	50	9,127	42	10,055	1.681	1.310
Spinal cord and nerve root disorders NEC	15	9,162	6	10,091	4.780	2.751
Spine and neck deformities	6	9,171	2	10,095	2.407	3.301
Spine and spinal cord therapeutic procedures	2	9,175	1	10,096	0.4367	2.201
Staphylococcal infections	4	9,173	9	10,088	1.480	0.4890
Stereotypies and automatisms	2	9,175	7	10,090	2.327	0.3144
Stomatitis and ulceration	22	9,155	11	10,086	4.811	2.201

Streptococcal infections	8	9,169	4	10,093	1.748	2.201
Structural brain disorders NEC	6	9,171	5	10,092	0.2120	1.320
Suicidal and self-injurious behaviour	4	9,173	3	10,094	0.2549	1.467
Supraventricular arrhythmias	66	9,111	8	10,089	51.48	9.077
Synovial disorders	5	9,172	3	10,094	0.7111	1.834
Taste disorders	134	9,043	12	10,085	115.1	12.29
Tendon disorders	10	9,167	16	10,081	0.8742	0.6877
Therapeutic and nontherapeutic responses	297	8,880	285	9,812	2.810	1.147
Therapeutic procedures NEC	124	9,053	58	10,039	31.01	2.352
Thermal burns	3	9,174	3	10,094	0.0137	1.100
Thinking disturbances	11	9,166	9	10,088	0.4380	1.345
Thoracic musculoskeletal disorders	15	9,162	6	10,091	4.780	2.751
Thrombocytopenias	8	9,169	17	10,080	2.447	0.5178
Thyroid analyses	27	9,150	11	10,086	8.386	2.701
Thyroid hyperfunction disorders	4	9,173	1	10,096	2.103	4.401
Thyroid hypofunction disorders	1	9,176	9	10,088	5.675	0.1223
Tic disorders	1	9,176	3	10,094	0.8202	0.3668
Tissue enzyme analyses NEC	20	9,157	8	10,089	6.376	2.751
Tongue disorders	15	9,162	12	10,085	0.6838	1.375
Tongue signs and symptoms	66	9,111	41	10,056	8.538	1.771
Total fluid volume decreased	27	9,150	28	10,069	0.0483	1.061
Total fluid volume increased	35	9,142	288	9,809	178.1	0.1337
Toxicology laboratory analyses	7	9,170	6	10,091	0.2026	1.284
Tracheal therapeutic procedures	15	9,162	11	10,086	1.060	1.500
Transient cerebrovascular events	17	9,160	5	10,092	7.768	3.741
Traumatic central nervous system haemorrhages	3	9,174	2	10,095	0.3076	1.650
Tremor (excl congenital)	185	8,992	173	9,924	2.414	1.177
Tricuspid valvular disorders	4	9,173	1	10,096	2.103	4.401
Trigeminal disorders	8	9,169	4	10,093	1.748	2.201
Triglyceride analyses	2	9,175	6	10,091	1.641	0.3668
Trophic disorders	2	9,175	1	10,096	0.4367	2.201
Tympanic membrane disorders (excl infections)	1	9,176	2	10,095	0.2453	0.5501
Underdoses NEC	47	9,130	18	10,079	15.95	2.873
Unintended pregnancies	1	9,176	4	10,093	1.529	0.2751
Upper respiratory tract infections	125	9,052	145	9,952	0.1904	0.9485
Upper respiratory tract infections NEC	125	9,052	145	9,952	0.1904	0.9485
Upper respiratory tract signs and symptoms	544	8,633	259	9,838	136.2	2.311
Urinalysis NEC	77	9,100	67	10,030	1.997	1.264
Urinary abnormalities	16	9,161	12	10,085	1.021	1.467

Urinary tract function analyses NEC	1	9,176	2	10,095	0.2453	0.5501
Urinary tract histopathology procedures	3	9,174	1	10,096	1.203	3.301
Urinary tract imaging procedures	6	9,171	6	10,091	0.0274	1.100
Urinary tract infections	32	9,145	15	10,082	7.916	2.347
Urinary tract signs and symptoms NEC	24	9,153	12	10,085	5.249	2.201
Urticarias	274	8,903	568	9,529	80.18	0.5308
Uterine therapeutic procedures	6	9,171	3	10,094	1.310	2.201
Vaccination related complications	168	9,009	366	9,731	57.45	0.5050
Vaccination site reactions	373	8,804	62	10,035	259.5	6.619
Vascular hypertensive disorders NEC	96	9,081	53	10,044	17.02	1.993
Vascular hypotensive disorders	68	9,109	77	10,020	0.0301	0.9716
Vascular imaging procedures NEC	70	9,107	18	10,079	36.14	4.279
Vascular tests NEC (incl blood pressure)	163	9,014	68	10,029	49.37	2.637
Vascular therapeutic procedures NEC	9	9,168	10	10,087	0.0005	0.9902
Vasculitides	5	9,172	8	10,089	0.4368	0.6877
Vasculitides NEC	4	9,173	2	10,095	0.8735	2.201
Venous therapeutic procedures	3	9,174	1	10,096	1.203	3.301
Ventricular arrhythmias and cardiac arrest	42	9,135	8	10,089	26.61	5.776
Vertigos NEC	107	9,070	29	10,068	52.99	4.060
Viral infections NEC	17	9,160	61	10,036	20.93	0.3066
Viral lower respiratory tract infections	518	8,659	7	10,090	564.0	81.42
Viral upper respiratory tract infections	29	9,148	57	10,040	6.684	0.5598
Virus identification and serology	748	8,429	119	9,978	544.0	6.916
Visual disorders NEC	109	9,068	53	10,044	25.34	2.263
Visual field disorders	10	9,167	8	10,089	0.4556	1.375
Visual impairment and blindness (excl colour blindness)	97	9,080	48	10,049	21.78	2.223
Vitamin analyses	14	9,163	6	10,091	4.023	2.567
Vitamin deficiencies NEC	1	9,176	1	10,096	0.0046	1.100
Vulvovaginal disorders NEC	18	9,159	5	10,092	8.671	3.961
Vulvovaginal signs and symptoms	3	9,174	1	10,096	1.203	3.301
Water and electrolyte analyses NEC	3	9,174	5	10,092	0.3282	0.6602
White blood cell analyses	77	9,100	52	10,045	7.594	1.629
Withdrawal and rebound effects	10	9,167	1	10,096	8.271	11.00

PRR mathematics:

A = **Has** vaccine, **Has** event
B = **Has** vaccine, **Not** event
C = **Not** vaccine, **Has** event

Chi-square mathematics:

EA = (A+B)*(A+C) / (A+B+C+D)
EB = (A+B)*(B+D) / (A+B+C+D)
EC = (C+D)*(A+C) / (A+B+C+D)

D = **Not** vaccine, **Not** event
PRR = (A/(A+B)) / (C/(C+D))

ED = (C+D)*(B+D) / (A+B+C+D)
CA = $(A-EA)^2$ / EA
CB = $(B-EB)^2$ / EB
CC = $(C-EC)^2$ / EC
CD = $(D-ED)^2$ / ED
Chi-square = CA+CB+CC+CD

CDC Safety Signal: N ≥ 3 and Chi-square ≥ 4 and PRR ≥ 2
(See here for CDC paper on PRR analysis)

New Search

Link To This Search Result:
https://medalerts.org/vaersdb/findfield.php?PRR=HLT&VAX[]=COVID19&VAX[]=COVID19-2&STATE=SC

Copyright © 2023 **National Vaccine Information Center.** All rights reserved.
21525 Ridgetop Circle, Suite 100, Sterling, VA 20166