

- All data obtained directly from the Defense Health Agency, Armed Forces Health Surveillance Branch – Public Health Division

Defense Medical Epidemiology Database (DMED)

- <https://www.afhsc.mil/DMED>
- Data current as of 1730 26 JAN 2022

The screenshot shows the official website for the Defense Medical Epidemiology Database (DMED). The URL in the address bar is <https://www.afhsc.mil/DMED/>. The page features a dark blue header with the text "Armed Forces Health Surveillance Branch" and "Public Health Division" above a subtext "Health Surveillance, Analysis, and Insight for Action". The Defense Health Agency logo is visible. Below the header is a red navigation bar with links for "DMED Home" and "Query DMED". The main content area has two large circular seals: the Department of Defense seal on the left and the Defense Health Agency seal on the right. The text "Welcome to Defense Medical Epidemiology Database (DMED)" is prominently displayed. A descriptive paragraph explains the program's purpose: "This program provides remote access to a de-identified subset of data contained within the Defense Medical Surveillance System (DMSS). Using the tools available, users can construct customized queries of DoD Hospitalizations, Ambulatory clinic visits and Reportable Medical Events." A green "Query DMED" button is located at the bottom right of the main content area.

(DMED)

This program provides remote access to a de-identified subset of data contained within the Defense Medical Surveillance System (DMSS). Using the tools available, you can construct customized queries of DoD Hospitalizations, Ambulatory clinic visits and Reportable Medical Events.

[Query DMED](#)

[Overview](#)

[Getting Started](#)

[Application Overview](#)

[Privacy Issues](#)

[Data Sources](#)

The *Defense Medical Surveillance System (DMSS)* is an executive information decision support system whose database contains up-to-date and historic data on diseases, medical events (e.g., hospitalizations, ambulatory visits, reportable medical events, HIV tests, immunizations and health risk appraisals) and longitudinal demographic data on DoD personnel. Data in DMSS originates from many different sources within the DoD.

The *Medical Epidemiology Database (DMED)* application provides authorized users remote access to a subset of de-identified data from DMSS about active component service members.

The overall quality of medical surveillance data depends on completeness, validity, consistency, timeliness and accuracy. With more than a billion rows of data (from more than 20 different sources) currently in DMSS, great effort is made to ensure a standardized and consistent approach to data processing and validation. However, receipt of large data inputs from multiple sources makes it impossible to correct all inaccurate or miscoded records. The following are known characteristics of the data available through DMED.

This program provides remote access to a de-identified subset of data contained within the Defense Medical Surveillance System (DMSS). Using the tools available, you can construct customized queries of DoD Hospitalizations, Ambulatory clinic visits and Reportable Medical Events.

[Overview](#)[Getting Started](#)[Application Overview](#)[Privacy Issues](#)[Data Sources](#)

There are four main sources of data available through DMED.

Population Data: All data on DoD service members contained in DMED is validated against DoD personnel data obtained from the Defense Manpower Data Center (DMDC) on a monthly basis. Stratum data elements (i.e. gender, age, grade, race/ethnic, and marital status) for medical events are derived from personnel data considered to be current on the date of a medical event.

Hospitalization Data: Hospitalization data is a combination of administrative records collected from: 1) hospitalizations in DoD Military Treatment Facilities (Standard In-patient Data Record [SIDR] files), and 2) hospitalizations in non-DOD facilities for which the DoD reimbursed the care facility (TRICARE Encounter Data [TED] and Health Care Service Record [HCSR] files). Each hospitalization results in a series of ICD-9 codes that are assigned based on the health care provider's interview, physical assessment, and interpretation of results of tests, consults, and diagnostic and therapeutic procedures. The number of diagnostic codes available in the records has varied over time but has consistently contained at least eight diagnostic codes: for consistency, DMED utilizes up to eight diagnostic codes. Only in-patient records which are considered complete are processed into DMSS and DMED. Use of these administrative records allows tracking of frequencies, rates, and trends of disease and injury diagnoses in military populations.

Ambulatory Data: Ambulatory encounter data is a combination of administrative records collected from: 1) ambulatory encounters in DoD Military Treatment Facilities, (Standard Ambulatory Data Record [SADR] files), and 2) ambulatory encounters in non-DOD facilities for which the DoD reimbursed the care facility (TRICARE Encounter Data [TED] and Health Care Service Record [HCSR] non-institutional files). Each ambulatory encounter results in a series of ICD-9 codes that is assigned by the health care provider based on a patient interview, physical assessment, and interpretation of results of tests, consults, and diagnostic and therapeutic procedures. The number of diagnostic codes available in the records has varied over time but has consistently contained at least four diagnostic codes: for consistency, DMED utilizes up to four diagnostic codes. Only ambulatory records which are considered complete are processed into DMSS and DMED.

Reportable Event Data: The DoD has a standardized list of conditions that require special surveillance and mandatory reporting which is similar to civilian modifiable event reporting. Medical events which meet Tri-service standardized case definitions are initially reported in Service-specific reporting systems. These reports are forwarded to the Armed Forces Health Surveillance Branch for archival and compilation into a reportable event surveillance database that is used to record and track events of interest in the military. A subset of this information is available within DMED. Army reportable event data is available for calendar years 1995 to present, and Navy, Marine Corps, and Air Force data is available for calendar years 2000 to present.

Chest pain, unspecified; 2016-2020

Annual average (2016-2020) – 4,892

The screenshot shows a web-based data analysis tool for Defense Medical Epidemiology. The URL is https://www.afhsc.mil/DMED/Data. The search bar contains "Chest pain, unspecified". The results are for the year 2020.

ICD Codes: R07.8 Other chest pain R07.9 Chest pain, unspecified

Service: All

Grade: All

Data Sources: Hospitalizations Ambulatory Data Reportable Events

Gender: All

Marital Status: All

Occupation: ALL OCCUPATION GROUPS

Query Type: ICD-10 Based Query Oct 2015 to present

Age: < 20 20-24 25-29 30-34 35-39

Time: 2016 2017 2018 2019 2020

Condition: Primary Diagnosis

Race: All

Occurrence: All Occurrences

Location: ALL LOCATIONS

Counts **Population** **Rate** **Line Chart** **Bar Chart**

	2016	2017	2018	2019	2020	Total
< 20	289	301	306	321	304	1,521
20-24	982	1,064	1,096	1,178	1,134	5,454
25-29	1,158	1,266	1,291	1,324	1,331	6,370
30-34	1,037	1,126	1,194	1,257	1,263	5,877
35-39	947	1,012	1,066	1,126	1,089	5,240
Total	4,413	4,769	4,953	5,206	5,121	24,462

Chest pain, unspecified; Jan-Nov 2021

MONTHLY average (Jan-Nov 2021) – **6,801**

YTD total (Jan-Nov 2021) – **74,813**

**1,529% Increase (15x)
from 2020 -> 2021**

The screenshot shows a web-based application for medical epidemiology data analysis. At the top, there's a navigation bar with tabs: Setup, ICD-10 Explorer, Population, Diagnoses & Occurrences (selected), Location/Occupation, Display Config, Results, and History. Below the navigation bar, the search criteria are listed:

- ICD Codes: R07.8 Other chest pain R07.9 Chest pain, unspecified
- Query Type: ICD-10 Based Query Oct 2015 to present
- Service: All
- Age: < 20 20-24 25-29 30-34 35-39
- Time: Jan 2021 Feb 2021 Mar 2021 Apr 2021 May 2021 Jun 2021 Jul 2021 Aug 2021 Sep 2021 Oct 2021 Nov 2021 Dec 2021
- Grade: All
- Condition: Primary Diagnosis
- Data Sources: Hospitalizations Ambulatory Data Reportable Events
- Gender: All
- Race: All
- Marital Status: All
- Occurrence: All Occurrences
- Occupation: ALL OCCUPATION GROUPS
- Location: ALL LOCATIONS

Below the search criteria, there are three chart selection buttons: Counts (selected), Line Chart, and Bar Chart. To the left of the chart area, there are three buttons for different data sources: Hospitalizations, Reportable Events (selected), and Ambulatory Data.

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Total
< 20	418	399	381	343	313	371	393	410	367	381	255	0	4,031
20-24	2,082	2,101	2,457	2,236	2,101	2,364	2,296	2,593	2,840	2,706	1,896	0	25,672
25-29	1,473	1,448	1,641	1,649	1,395	1,711	1,668	1,936	2,121	2,127	1,498	0	18,667
30-34	1,090	1,109	1,249	1,177	1,060	1,163	1,184	1,403	1,519	1,574	1,130	0	13,658
35-39	1,108	1,001	1,255	1,224	1,029	1,142	1,046	1,210	1,408	1,290	1,072	0	12,785
Total	6,171	6,058	6,983	6,629	5,898	6,751	6,587	7,552	8,255	8,078	5,851	0	74,813

At the bottom of the screen, there's a taskbar with various icons and a system tray showing the date and time (10:32 AM, 1/26/2022).

Dyspnea/SOB; 2016-2020

Annual average (2016-2020) – 4,968

The screenshot shows a web-based data analysis tool with the following details:

ICD Codes: R06.0 Dyspnea R06.02 Shortness of breath

Service: All

Grade: All

Data Sources: Hospitalizations Ambulatory Data Reportable Events

Gender: All

Marital Status: All

Occupation: ALL OCCUPATION GROUPS

Query Type: ICD-10 Based Query Oct 2015 to present

Age: All

Time: 2016 2017 2018 2019 2020

Condition: Primary Diagnosis

Race: All

Occurrence: All Occurrences

Location: ALL LOCATIONS

Counts (selected tab), **Population**, **Rate**, **Line Chart**, **Bar Chart**

	2016	2017	2018	2019	2020	Total
< 20	259	257	265	300	273	1,354
20-24	755	841	909	950	977	4,432
25-29	1,000	1,051	1,076	1,121	1,187	5,435
30-34	851	939	966	1,017	1,078	4,851
35-39	758	804	829	964	959	4,314
>= 40	834	879	900	921	921	4,455
Total	4,457	4,771	4,945	5,273	5,395	24,841

Below the table, the status bar shows: 34°F Mostly sunny 10:38 AM 1/26/2022

Dyspnea/SOB; Jan-Nov 2021

MONTHLY average (Jan-Nov 2021) – **4,090**

YTD total (Jan-Nov 2021) – **44,990**

**905% Increase (9x)
from 2020 -> 2021**

https://www.afhsc.mil/DMED/Data
Defense Medical Epidemiolog...
DoD Webmail

ICD Codes: R06.0 Dyspnea R06.02 Shortness of breath
Service: All
Grade: All

Data Sources: Hospitalizations Ambulatory Data Reportable Events
Gender: All
Marital Status: All
Occupation: ALL OCCUPATION GROUPS

Query Type: ICD-10 Based Query Oct 2015 to present
Age: All
Time: Jan 2021 Feb 2021 Mar 2021 Apr 2021 May 2021 Jun 2021 Jul 2021 Aug 2021 Sep 2021 Oct 2021 Nov 2021 Dec 2021
Condition: Primary Diagnosis
Race: All
Occurrence: All Occurrences
Location: ALL LOCATIONS

Counts Line Chart Bar Chart

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Total
< 20	192	196	215	176	144	173	165	180	222	199	134	0	1,996
20-24	1,066	1,009	1,268	1,162	1,025	1,071	1,065	1,282	1,204	1,236	935	0	12,323
25-29	810	746	863	820	772	855	706	1,045	1,018	966	774	0	9,375
30-34	597	561	654	676	625	590	583	787	788	783	563	0	7,207
35-39	515	507	698	633	545	572	559	637	692	698	548	0	6,604
≥ 40	584	617	757	776	694	604	609	700	739	788	617	0	7,485
Total	3,764	3,636	4,455	4,243	3,805	3,865	3,687	4,631	4,663	4,670	3,571	0	44,990

Type here to search 34°F Mostly sunny 10:39 AM 1/26/2022

Acute MI; 2016-2020

Annual average (2016-2020) – 612

The screenshot shows a web-based application for medical epidemiology data analysis. The URL in the address bar is <https://www.afhsc.mil/DMED/Data>. The main interface has a navigation bar with tabs: Setup, ICD-10 Explorer, Population, Diagnoses & Occurrences, Location/Occupation, Display Config, Results, and History. The 'Diagnoses & Occurrences' tab is active.

Query parameters displayed:

- ICD Codes: I21 Acute myocardial infarction
- Service: All
- Grade: All
- Data Sources: Hospitalizations Ambulatory Data Reportable Events
- Gender: All
- Marital Status: All
- Occupation: ALL OCCUPATION GROUPS
- Query Type: ICD-10 Based Query Oct 2015 to present
- Age: All
- Time: 2016 2017 2018 2019 2020
- Condition: Primary Diagnosis
- Race: All
- Occurrence: All Occurrences
- Location: ALL LOCATIONS

The results section displays a table of counts for each year from 2016 to 2020, categorized by age groups. A red box highlights the 'Total' row at the bottom of the table.

	2016	2017	2018	2019	2020	Total
< 20	8	17	9	4	11	49
20-24	61	52	62	64	66	305
25-29	66	87	61	65	90	369
30-34	70	82	86	105	76	419
35-39	119	132	158	128	129	666
≥ 40	255	245	254	242	257	1,253
Total	579	615	630	608	629	3,061

At the bottom of the screen, the Windows taskbar is visible with the search bar containing 'Type here to search'. The system tray shows the date and time as 10:35 AM on 1/26/2022, along with icons for battery, signal, and network.

Acute MI; Jan-Nov 2021

MONTHLY average (Jan-Nov 2021) – **6,801**

YTD total (Jan-Nov 2021) – **1,650**

269% Increase (2.69x)
from 2020 -> 2021

The screenshot shows a web-based data analysis tool with the following details:

- ICD Codes:** I21 Acute myocardial infarction
- Service:** All
- Grade:** All
- Data Sources:** Hospitalizations, Ambulatory Data, Reportable Events
- Gender:** All
- Marital Status:** All
- Occupation:** ALL OCCUPATION GROUPS
- Query Type:** ICD-10 Based Query Oct 2015 to present
- Age:** All
- Time:** Jan 2021, Feb 2021, Mar 2021, Apr 2021, May 2021, Jun 2021, Jul 2021, Aug 2021, Sep 2021, Oct 2021, Nov 2021, Dec 2021
- Condition:** Primary Diagnosis
- Race:** All
- Occurrence:** All Occurrences
- Location:** ALL LOCATIONS

The results table displays monthly counts for each age group:

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Total
< 20	0	1	2	1	0	2	0	0	0	0	0	0	6
20-24	10	13	13	9	8	10	17	17	17	7	7	0	128
25-29	9	4	8	7	15	19	11	20	13	11	6	0	123
30-34	18	16	10	14	23	24	18	18	14	11	9	0	175
35-39	30	44	41	51	52	28	24	50	29	54	12	0	415
>= 40	65	55	75	83	115	70	88	72	84	66	30	0	803
Total	132	133	149	165	213	153	158	177	157	149	64	0	1,650

Acute Pericarditis; 2016-2020

Annual average (2016-2020) – 589

The screenshot shows a web browser window with the URL <https://www.afhsc.mil/DMED/Data>. The page displays search parameters for a query: ICD Codes (I30 Acute pericarditis, I32 Pericarditis in diseases classified elsewhere), Service (All), Grade (All), Data Sources (Hospitalizations, Ambulatory Data, Reportable Events), Gender (All), Marital Status (All), Occupation (ALL OCCUPATION GROUPS), Query Type (ICD-10 Based Query Oct 2015 to present), Age (All), Time (2016-2020), Condition (Primary Diagnosis), Race (All), Occurrence (All Occurrences), and Location (ALL LOCATIONS). Below these parameters is a table showing counts of hospitalizations, reportable events, and ambulatory data for each year from 2016 to 2020. The 'Reportable Events' tab is selected. A red box highlights the 'Total' row for Reportable Events, which shows values of 609, 584, 585, 608, 559, and 2,945 respectively for each year. The table also includes a header row with columns for Year and Total.

	2016	2017	2018	2019	2020	Total
< 20	28	35	37	50	46	196
20-24	167	153	169	182	155	826
25-29	154	150	173	157	137	771
30-34	103	86	86	87	96	458
35-39	72	80	66	69	58	345
>= 40	85	80	54	63	67	349
Total	609	584	585	608	559	2,945

Counts Population Rate Line Chart Bar Chart

Hospitalizations Reportable Events Ambulatory Data

Export To Excel Print

Acute Pericarditis; Jan-Nov 2021

MONTHLY average (Jan-Nov 2021) – **93**

YTD total (Jan-Nov 2021) – **1,029**

**175% Increase (1.75x)
from 2020 -> 2021**

https://www.afhsc.mil/DMED/Data
Defense Medical Epidemiolog... Search...

DoD Webmail

ICD Codes: I30 Acute pericarditis I32 Pericarditis in diseases classified elsewhere
Service: All
Grade: All
Data Sources: Hospitalizations Ambulatory Data Reportable Events
Gender: All
Marital Status: All
Occupation: ALL OCCUPATION GROUPS
Query Type: ICD-10 Based Query Oct 2015 to present
Age: All
Time: Jan 2021 Feb 2021 Mar 2021 Apr 2021 May 2021 Jun 2021 Jul 2021 Aug 2021 Sep 2021 Oct 2021 Nov 2021 Dec 2021
Condition: Primary Diagnosis
Race: All
Occurrence: All Occurrences
Location: ALL LOCATIONS

Counts Line Chart Bar Chart

Hospitalizations Reportable Events Ambulatory Data

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Total
< 20	1	0	6	3	2	5	6	11	4	2	1	0	41
20-24	37	27	30	33	34	44	33	39	48	41	35	0	401
25-29	22	15	16	20	11	26	18	16	28	21	22	0	215
30-34	14	15	18	11	8	16	12	27	22	13	14	0	170
35-39	12	15	16	4	8	6	6	10	11	4	8	0	100
= 40	12	10	9	12	10	9	4	5	12	12	7	0	102
Total	98	82	95	83	73	106	79	108	125	93	87	0	1,029

Type here to search 41°F Sunny 5:20 PM 1/26/2022

Acute Myocarditis; 2016-2020

Annual average (2016-2020) – 127

The screenshot shows a web-based medical epidemiology dashboard. At the top, there is a navigation bar with tabs: Setup, ICD-10 Explorer, Population, Diagnoses & Occurrences, Location/Occupation, Display Config, Results, and History. Below the navigation bar, there are two columns of search filters:

ICD Codes: I40 Acute myocarditis I41 Myocarditis in diseases classified elsewhere	Query Type: ICD-10 Based Query Oct 2015 to present
Service: All	Age: All
Grade: All	Time: 2016 2017 2018 2019 2020
Data Sources: Hospitalizations Ambulatory Data Reportable Events	Condition: Primary Diagnosis
Gender: All	Race: All
Marital Status: All	Occurrence: All Occurrences
Occupation: ALL OCCUPATION GROUPS	Location: ALL LOCATIONS

Below the filters, there is a legend on the left side with three items: Hospitalizations, Reportable Events, and Ambulatory Data. The Reportable Events item is highlighted with a grey background.

Underneath the legend is a table titled "Counts" with a header row for years: 2016, 2017, 2018, 2019, 2020, and Total. The table includes age groups: < 20, 20-24, 25-29, 30-34, 35-39, and >= 40. The "Total" row is highlighted with a red border.

	2016	2017	2018	2019	2020	Total
< 20	2	6	6	7	4	25
20-24	41	36	42	61	51	231
25-29	11	29	33	51	27	151
30-34	14	11	25	25	18	93
35-39	9	11	10	16	11	57
>= 40	16	11	18	19	15	79
Total	93	104	134	179	126	636

At the bottom of the screen, there is a taskbar with icons for File, Home, Mail, Photos, Word, and Internet Explorer. The system tray shows the date (1/26/2022), time (5:21 PM), battery level (41°F Sunny), and network status.

Acute Myocarditis; Jan-Nov 2021

MONTHLY average (Jan-Nov 2021) – **33**

YTD total (Jan-Nov 2021) – **363**

285% Increase (2.85x)
from 2020 -> 2021

https://www.afhsc.mil/DMED/Data
Defense Medical Epidemiology Data System

DoD Webmail

ICD Codes: I40 Acute myocarditis I41 Myocarditis in diseases classified elsewhere
Service: All
Grade: All
Data Sources: Hospitalizations Ambulatory Data Reportable Events
Gender: All
Marital Status: All
Occupation: ALL OCCUPATION GROUPS

Query Type: ICD-10 Based Query Oct 2015 to present
Age: All
Time: Jan 2021 Feb 2021 Mar 2021 Apr 2021 May 2021 Jun 2021 Jul 2021 Aug 2021 Sep 2021 Oct 2021 Nov 2021 Dec 2021
Condition: Primary Diagnosis
Race: All
Occurrence: All Occurrences
Location: ALL LOCATIONS

Counts Line Chart Bar Chart

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Total
Hospitalizations	1	6	4	2	4	3	1	12	1	4	3	0	41
Reportable Events	11	6	22	14	10	18	9	21	16	15	16	0	158
Ambulatory Data	3	4	4	7	5	8	9	2	3	4	7	0	56
	1	0	0	8	3	2	2	6	2	3	5	0	32
	1	7	3	5	0	2	3	3	2	9	2	0	37
	3	5	7	4	0	2	9	3	2	1	3	0	39
Total	20	28	40	40	22	35	33	47	26	36	36	0	363

Type here to search 41°F Sunny 5:21 PM 1/26/2022

Pulmonary Embolism; 2016-2020

Annual average (2016-2020) – 746

https://www.afhsc.mil/DMED/Data

Defense Medical Epidemiology Data

DoD Webmail

Setup ICD-10 Explorer Population Diagnoses & Occurrences Location/Occupation Display Config Results History

ICD Codes: I26 Pulmonary embolism

Service: All

Grade: All

Data Sources: Hospitalizations Ambulatory Data Reportable Events

Gender: All

Marital Status: All

Occupation: ALL OCCUPATION GROUPS

Query Type: ICD-10 Based Query Oct 2015 to present

Age: All

Time: 2016 2017 2018 2019 2020

Condition: Primary Diagnosis

Race: All

Occurrence: All Occurrences

Location: ALL LOCATIONS

Counts Population Rate Line Chart Bar Chart

Ambulatory Data

Hospitalizations

Reportable Events

	2016	2017	2018	2019	2020	Total
< 20	14	14	11	11	22	72
20-24	117	95	111	127	148	598
25-29	117	151	129	126	218	741
30-34	145	134	113	122	176	690
35-39	115	138	138	158	172	721
>= 40	170	169	166	172	232	909
Total	678	701	668	716	968	3,731

Type here to search

41°F Sunny 4:38 PM 1/26/2022

Pulmonary Embolism; Jan-Nov 2021

MONTHLY average (Jan-Nov 2021) – **317**

YTD total (Jan-Nov 2021) – **3,489**

467% Increase (4.67x)
from 2020 -> 2021

The screenshot shows a web-based dashboard for medical epidemiology data. At the top, there are search and filter fields for ICD Codes (I26 Pulmonary embolism), Service (All), Grade (All), Data Sources (Hospitalizations Ambulatory Data Reportable Events), Gender (All), Marital Status (All), Occupation (ALL OCCUPATION GROUPS), Query Type (ICD-10 Based Query Oct 2015 to present), Age (All), Time (Jan 2021 to Dec 2021), Condition (Primary Diagnosis), Race (All), Occurrence (All Occurrences), and Location (ALL LOCATIONS). Below these filters is a table showing monthly counts of cases across three data sources: Ambulatory Data, Hospitalizations, and Reportable Events. The table includes columns for each month from Jan 2021 to Dec 2021, and a Total column. The 'Total' row at the bottom right is highlighted with a red box and contains the value **3,489**.

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Total
Ambulatory Data	2	2	6	4	12	8	6	8	7	2	2	0	59
Hospitalizations	31	34	27	28	36	53	58	50	68	43	34	0	462
Reportable Events	46	50	60	49	75	61	50	94	77	36	28	0	626
	48	41	53	47	44	39	37	90	87	66	51	0	603
	108	92	77	80	62	73	55	77	80	74	45	0	823
	94	101	73	70	82	79	68	106	92	96	55	0	916
Total	329	320	296	278	311	313	274	425	411	317	215	0	3,489

Cerebral Infarction; 2016-2020

Annual average (2016-2020) – 873

The screenshot shows a web-based data analysis tool for medical epidemiology. The URL in the address bar is <https://www.afhsc.mil/DMED/Data#icd-10-content>. The page title is "Defense Medical Epidemiology Data". The main content area displays a query for ICD Codes: I63 Cerebral infarction. The query type is set to "ICD-10 Based Query Oct 2015 to present". The results are presented in a table with the following data:

	2016	2017	2018	2019	2020	Total
< 20	13	16	5	15	18	67
20-24	118	92	112	101	112	535
25-29	115	118	142	124	144	643
30-34	204	160	169	176	177	886
35-39	162	182	192	197	182	915
>= 40	275	278	238	275	254	1,320
Total	887	846	858	888	887	4,366

The "Total" row is highlighted with a red border. The left sidebar contains buttons for "Reportable Events", "Hospitalizations", and "Ambulatory Data". The bottom status bar shows the URL again, along with system icons and the date/time (4:27 PM, 1/26/2022).

Cerebral Infarction; Jan-Nov 2021

MONTHLY average (Jan-Nov 2021) – **312**

YTD total (Jan-Nov 2021) – **3,438**

**393% Increase (3.93x)
from 2020 -> 2021**

The screenshot shows a web-based medical epidemiology dashboard. At the top left, there is a browser header with the URL <https://www.afhsc.mil/DMED/Data>, a back button, and a search bar. Below the header, the page title is "Defense Medical Epidemiology Data". A yellow banner at the top right displays the text "393% Increase (3.93x) from 2020 -> 2021". The main content area has two columns of filters on the left and a data table on the right.

Filters (Left Column):

- ICD Codes: I63 Cerebral infarction
- Service: All
- Grade: All
- Data Sources: Hospitalizations Ambulatory Data Reportable Events
- Gender: All
- Marital Status: All
- Occupation: ALL OCCUPATION GROUPS

Query Parameters (Top Right):

- Query Type: ICD-10 Based Query Oct 2015 to present
- Age: All
- Time: Jan 2021 Feb 2021 Mar 2021 Apr 2021 May 2021 Jun 2021 Jul 2021 Aug 2021 Sep 2021 Oct 2021 Nov 2021 Dec 2021
- Condition: Primary Diagnosis
- Race: All
- Occurrence: All Occurrences
- Location: ALL LOCATIONS

Data Table (Bottom Right):

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Total
< 20	17	12	2	3	0	0	1	1	1	0	0	0	37
20-24	42	26	51	33	42	18	23	24	30	24	12	0	325
25-29	39	39	24	50	50	48	34	32	49	29	9	0	403
30-34	77	71	80	62	28	42	54	42	28	49	19	0	552
35-39	73	37	109	126	80	90	83	76	86	66	47	0	873
>= 40	88	126	183	161	94	113	113	102	78	101	89	0	1,248
Total	336	311	449	435	294	311	308	277	272	269	176	0	3,438

Bell's Palsy; 2016-2020

Annual average (2016-2020) – 460

The screenshot shows a web-based medical epidemiology dashboard. At the top, there is a navigation bar with links for 'Setup', 'ICD-10 Explorer', 'Population', 'Diagnoses & Occurrences' (which is the active tab), 'Location/Occupation', 'Display Config', 'Results', and 'History'. Below the navigation bar, there are two columns of search filters:

ICD Codes: G51.0 Bell's palsy	Query Type: ICD-10 Based Query Oct 2015 to present
Service: All	Age: All
Grade: All	Time: 2016 2017 2018 2019 2020
Data Sources: Hospitalizations Ambulatory Data Reportable Events	Condition: Primary Diagnosis
Gender: All	Race: All
Marital Status: All	Occurrence: All Occurrences
Occupation: ALL OCCUPATION GROUPS	Location: ALL LOCATIONS

Below the filters, there is a legend on the left side indicating data sources: 'Hospitalizations' (blue square), 'Reportable Events' (orange square), and 'Ambulatory Data' (green square). To the right of the legend is a table showing the annual count of cases from 2016 to 2020. The 'Total' row is highlighted with a red box.

	Counts	Population	Rate	Line Chart	Bar Chart	
Hospitalizations						
Reportable Events						
Ambulatory Data						
	2016	2017	2018	2019	2020	Total
< 20	21	13	19	11	21	85
20-24	111	87	90	83	85	456
25-29	111	127	98	113	100	549
30-34	96	85	92	83	87	443
35-39	71	74	72	85	85	387
>= 40	73	76	86	72	72	379
Total	483	462	457	447	450	2,299

At the bottom of the screen, there is a taskbar with icons for search, file, home, and other applications. The system tray shows the date and time as 4:28 PM on 1/26/2022, with a weather icon indicating 41°F and sunny conditions.

Bell's Palsy; Jan-Nov 2021

MONTHLY average (Jan-Nov 2021) – **133**

YTD total (Jan-Nov 2021) – **1,470**

**319% Increase (3.19x)
from 2020 -> 2021**

The screenshot shows a web-based medical epidemiology dashboard. At the top, there are search and filter fields for ICD Codes (G51.0 Bell's palsy), Service (All), Grade (All), Data Sources (Hospitalizations Ambulatory Data Reportable Events), Gender (All), Marital Status (All), Occupation (ALL OCCUPATION GROUPS), Query Type (ICD-10 Based Query Oct 2015 to present), Age (All), Time (Jan 2021 to Dec 2021), Condition (Primary Diagnosis), Race (All), Occurrence (All Occurrences), and Location (ALL LOCATIONS). Below these filters is a table showing monthly counts of reportable events, hospitalizations, and ambulatory data from January to December 2021. The total YTD count is highlighted in a red box at the bottom right of the table.

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Total
Reportable Events	6	2	1	1	6	3	1	1	2	3	7	0	33
Hospitalizations	24	22	31	28	15	19	21	9	19	15	20	0	223
Ambulatory Data	31	33	36	28	27	29	24	26	26	27	22	0	309
	36	31	45	32	22	27	30	29	20	16	14	0	302
	35	24	31	37	24	20	25	33	39	20	18	0	306
	27	36	32	21	15	21	22	25	40	35	23	0	297
Total	159	148	176	147	109	119	123	123	146	116	104	0	1,470

DIC; 2016-2020

Annual average (2016-2020) – 7.4

The screenshot shows a web-based application for medical epidemiology data analysis. The URL is https://www.afhsc.mil/DMED/Data. The interface includes a navigation bar with tabs: Setup, ICD-10 Explorer, Population, Diagnoses & Occurrences, Location/Occupation, Display Config, Results, and History. The current tab is 'Diagnoses & Occurrences'.

Query parameters displayed:

- ICD Codes: D65 Disseminated intravascular coagulation
- Service: All
- Grade: All
- Data Sources: Hospitalizations Ambulatory Data Reportable Events
- Gender: All
- Marital Status: All
- Occupation: ALL OCCUPATION GROUPS
- Query Type: ICD-10 Based Query Oct 2015 to present
- Age: All
- Time: 2016 2017 2018 2019 2020
- Condition: Primary Diagnosis
- Race: All
- Occurrence: All Occurrences
- Location: ALL LOCATIONS

The results section displays a table of counts for different age groups over the five-year period. The table has columns for Year (2016, 2017, 2018, 2019, 2020) and Age Group (< 20, 20-24, 25-29, 30-34, 35-39, >= 40). The total row at the bottom is highlighted with a red border.

	2016	2017	2018	2019	2020	Total
< 20	0	0	1	0	0	1
20-24	0	1	0	3	1	5
25-29	0	0	0	2	2	4
30-34	0	1	8	0	2	11
35-39	1	3	1	3	5	13
>= 40	0	0	2	1	0	3
Total	1	5	12	9	10	37

DIC; Jan-Nov 2021

MONTHLY average (Jan-Nov 2021) – **7.9**

YTD total (Jan-Nov 2021) – **87**

**1,175% Increase (11.75x)
from 2020 -> 2021**

ICD Codes: D65 Disseminated intravascular coagulation

Service: All

Grade: All

Data Sources: Hospitalizations Ambulatory Data Reportable Events

Gender: All

Marital Status: All

Occupation: ALL OCCUPATION GROUPS

Query Type: ICD-10 Based Query Oct 2015 to present

Age: All

Time: Jan 2021 Feb 2021 Mar 2021 Apr 2021 May 2021 Jun 2021 Jul 2021 Aug 2021 Sep 2021 Oct 2021 Nov 2021 Dec 2021

Condition: Primary Diagnosis

Race: All

Occurrence: All Occurrences

Location: ALL LOCATIONS

Hospitalizations

Ambulatory Data

Reportable Events

Counts **Line Chart** **Bar Chart**

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Total
< 20	0	0	0	0	0	0	0	0	0	0	0	0	0
20-24	0	0	0	0	1	0	0	0	0	0	2	0	3
25-29	0	0	0	0	0	0	0	1	0	0	0	0	1
30-34	0	4	15	13	30	2	4	3	3	2	1	0	77
35-39	0	0	0	0	0	0	3	1	0	0	0	0	4
>= 40	0	0	1	1	0	0	0	0	0	0	0	0	2
Total	0	4	16	14	31	2	7	5	3	2	3	0	87

Guillain-Barre Syndrome; 2016-2020

Annual average (2016-2020) – 1,454

The screenshot shows a web browser window with the URL <https://www.afhsc.mil/DMED/Data>. The page displays a search interface for medical data, specifically for Guillain-Barre Syndrome. The search parameters include:

- ICD Codes:** G60 - G65 Polyneuropathies and other disorders of the peripheral nervous system
G61 Inflammatory polyneuropathy G61.0 Guillain-Barre syndrome
G65 Sequelae of inflammatory and toxic polyneuropathies
G65.0 Sequelae of Guillain-Barre syndrome
- Query Type:** ICD-10 Based Query Oct 2015 to present
- Service:** All
- Age:** All
- Grade:** All
- Data Sources:** Hospitalizations Ambulatory Data Reportable Events
- Gender:** All
- Marital Status:** All
- Occupation:** ALL OCCUPATION GROUPS
- Time:** 2016 2017 2018 2019 2020
- Condition:** Primary Diagnosis
- Race:** All
- Occurrence:** All Occurrences
- Location:** ALL LOCATIONS

Below the search parameters is a table showing the annual counts of cases:

	Counts	Population	Rate	Line Chart	Bar Chart	
Hospitalizations	2016	2017	2018	2019	2020	Total
Reportable Events	53	34	53	39	27	206
Ambulatory Data	228	196	191	178	196	989
< 20	286	237	238	236	244	1,241
20-24	337	272	266	280	224	1,379
25-29	282	232	256	266	269	1,305
30-34	466	460	415	432	380	2,153
35-39						
≥ 40						
Total	1,652	1,431	1,419	1,431	1,340	7,273

A red box highlights the total count for 2016, which is 1,652. The bottom of the screen shows the Windows taskbar with various icons and the system tray.

Guillain-Barre Syndrome; Jan-Nov 2021

MONTHLY average (Jan-Nov 2021) – **330**

YTD total (Jan-Nov 2021) – **3,635**

**250% Increase (2.5x)
from 2020 -> 2021**

https://www.afhsc.mil/DMED/Data

Defense Medical Epidemiology Branch

DoD Webmail

ICD Codes:
G60 - G65 Polyneuropathies and other disorders of the peripheral nervous system
G61 Inflammatory polyneuropathy G61.0 Guillain-Barre syndrome
G65 Sequelae of inflammatory and toxic polyneuropathies
G65.0 Sequelae of Guillain-Barre syndrome

Query Type: ICD-10 Based Query Oct 2015 to present

Service: All

Age: All

Grade: All

Data Sources: Hospitalizations Ambulatory Data Reportable Events

Condition: Primary Diagnosis

Race: All

Occurrence: All Occurrences

Location: ALL LOCATIONS

Time: Jan 2021 Feb 2021 Mar 2021 Apr 2021 May 2021 Jun 2021 Jul 2021 Aug 2021 Sep 2021 Oct 2021 Nov 2021 Dec 2021

Gender: All

Marital Status: All

Occupation: ALL OCCUPATION GROUPS

Counts Line Chart Bar Chart

Hospitalizations
Reportable Events
Ambulatory Data

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Total
< 20	10	7	1	3	1	3	3	1	0	2	26	0	57
20-24	52	39	47	56	45	32	31	30	50	79	54	0	515
25-29	44	49	63	77	58	45	53	39	44	46	37	0	555
30-34	42	42	36	48	52	35	37	47	43	47	40	0	469
35-39	62	70	93	91	73	83	91	84	125	105	55	0	932
>= 40	94	100	136	141	82	97	102	88	89	101	77	0	1,107
Total	304	307	376	416	311	295	317	289	351	380	289	0	3,635

Type here to search

41°F Sunny 4:30 PM 1/26/2022

HIV; 2016-2020

Annual average (2016-2020) – 454

The screenshot shows a web browser window with the URL <https://www.afhsc.mil/DMED/Data>. The page title is "Defense Medical Epidemiolog..." and there is a link to "DoD Webmail". The main content area has a header with tabs: Setup, ICD-10 Explorer, Population, Diagnoses & Occurrences, Location/Occupation (selected), Display Config, Results, and History.

Query parameters displayed:

- ICD Codes: B20 Human immunodeficiency virus [HIV] disease
- Service: All
- Grade: All
- Data Sources: Hospitalizations Ambulatory Data Reportable Events
- Gender: All
- Marital Status: All
- Occupation: ALL OCCUPATION GROUPS
- Query Type: ICD-10 Based Query Oct 2015 to present
- Age: All
- Time: 2016 2017 2018 2019 2020
- Condition: Primary Diagnosis
- Race: All
- Occurrence: All Occurrences
- Location: ALL LOCATIONS

The data is presented in a table format under the "Counts" tab. The table includes columns for Year (2016, 2017, 2018, 2019, 2020, Total) and Age Group (< 20, 20-24, 25-29, 30-34, 35-39, >= 40). The "Total" row at the bottom is highlighted with a red border.

	2016	2017	2018	2019	2020	Total
< 20	9	8	10	5	4	36
20-24	86	84	78	79	63	390
25-29	146	113	100	104	102	565
30-34	126	95	86	89	90	486
35-39	117	89	74	76	75	431
>= 40	115	66	64	62	58	365
Total	599	455	412	415	392	2,273

At the bottom of the screen, the taskbar shows the Windows Start button, a search bar with the placeholder "Type here to search", and several pinned icons. The system tray displays the date and time (4:31 PM, 1/26/2022), battery level (41°F), and connectivity status.

HIV; Jan-Nov 2021

MONTHLY average (Jan-Nov 2021) – **244**

YTD total (Jan-Nov 2021) – **2,681**

590% Increase (5.9x)
from 2020 -> 2021

https://www.afhsc.mil/DMED/Data

Defense Medical Epidemiology Data

DoD Webmail

Search...

ICD Codes: B20 Human immunodeficiency virus [HIV] disease

Query Type: ICD-10 Based Query Oct 2015 to present

Service: All

Age: All

Grade: All

Time: Jan 2021 Feb 2021 Mar 2021 Apr 2021 May 2021 Jun 2021 Jul 2021 Aug 2021 Sep 2021 Oct 2021 Nov 2021 Dec 2021

Data Sources: Hospitalizations Ambulatory Data Reportable Events

Condition: Primary Diagnosis

Gender: All

Race: All

Marital Status: All

Occurrence: All Occurrences

Occupation: ALL OCCUPATION GROUPS

Location: ALL LOCATIONS

Counts Line Chart Bar Chart

Hospitalizations

Reportable Events

Ambulatory Data

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Total
< 20	1	4	7	3	3	1	1	1	0	0	0	0	21
20-24	34	37	61	36	32	39	38	35	31	28	44	0	415
25-29	87	79	79	63	65	78	63	60	53	56	52	0	735
30-34	65	67	81	63	43	38	53	66	49	61	48	0	634
35-39	48	48	47	45	29	64	42	52	45	35	39	0	494
= 40	37	25	47	43	31	33	27	48	28	36	27	0	382
Total	272	260	322	253	203	253	224	262	206	216	210	0	2,681

Type here to search

41°F Sunny

4:31 PM

1/26/2022

Immunodeficiencies; 2016-2020

Annual average (2016-2020) – 1,152

The screenshot shows a web browser window with the URL <https://www.afhsc.mil/DMED/Data>. The page displays immunodeficiency statistics for the years 2016-2020. The data is presented in a table with various filters and chart options.

ICD Codes: D80 - D89 Certain disorders involving the immune mechanism
D80 Immunodeficiency with predominantly antibody defects
D81 Combined immunodeficiencies
D82 Immunodeficiency associated with other major defects
D83 Common variable immunodeficiency D84 Other immunodeficiencies

Time: 2016 2017 2018 2019 2020

Condition: Primary Diagnosis

Race: All

Occurrence: All Occurrences

Location: ALL LOCATIONS

Query Type: ICD-10 Based Query Oct 2015 to present

Service: All

Age: All

Grade: All

Data Sources: Hospitalizations Ambulatory Data Reportable Events

Gender: All

Marital Status: All

Occupation: ALL OCCUPATION GROUPS

Counts **Population** **Rate** **Line Chart** **Bar Chart**

	2016	2017	2018	2019	2020	Total
< 20	8	11	5	7	8	39
20-24	152	98	93	121	98	562
25-29	274	189	182	201	166	1,012
30-34	300	216	204	189	186	1,095
35-39	277	238	197	263	232	1,207
>= 40	416	384	390	340	314	1,844
Total	1,427	1,136	1,071	1,121	1,004	5,759

Immunodeficiencies; Jan-Nov 2021

MONTHLY average (Jan-Nov 2021) – **288**

YTD total (Jan-Nov 2021) – **3,172**

275% Increase (2.75x)
from 2020 -> 2021

The screenshot shows the DMED Data Analysis tool interface. The top navigation bar includes links for Home, Help, Log Out, and a search bar. The main content area displays immunodeficiency codes (D80-D89), time range (Jan 2021 to Dec 2021), gender, marital status, occupation, service, age, grade, data sources, condition, race, occurrence, and location filters. Below these filters is a summary table showing counts for hospitalizations, reportable events, and ambulatory data across age groups (e.g., < 20, 20-24, 25-29, 30-34, 35-39, >= 40) for each month from January 2021 to November 2021, plus a total column. The total row for all categories shows a value of 3,172, which is highlighted with a red box. The bottom of the screen shows the Windows taskbar with the Start button, a search bar, pinned icons for File Explorer, Mail, Word, Excel, and Edge, and system status indicators.

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Total
Hospitalizations	3	1	1	1	0	0	0	2	3	2	1	0	14
Reportable Events	9	22	24	34	18	29	19	19	16	22	29	0	241
Ambulatory Data	26	54	40	37	31	37	30	39	53	35	94	0	476
	31	26	33	47	37	40	30	29	43	43	119	0	478
	64	76	81	53	55	84	71	61	65	52	139	0	801
>= 40	97	115	107	107	90	84	90	101	99	96	176	0	1,162
Total	230	294	286	279	231	274	240	251	279	250	558	0	3,172

ITP; 2016-2020

Annual average (2016-2020) – 175

The screenshot shows a web-based data analysis tool with the following details:

Query Parameters:

- ICD Codes: D69.3 Immune thrombocytopenic purpura
- Service: All
- Grade: All
- Data Sources: Hospitalizations Ambulatory Data Reportable Events
- Gender: All
- Marital Status: All
- Occupation: ALL OCCUPATION GROUPS
- Query Type: ICD-10 Based Query Oct 2015 to present
- Age: All
- Time: 2016 2017 2018 2019 2020
- Condition: Primary Diagnosis
- Race: All
- Occurrence: All Occurrences
- Location: ALL LOCATIONS

Reportable Events:

- Reportable Events
- Hospitalizations
- Ambulatory Data

Counts:

	2016	2017	2018	2019	2020	Total
< 20	6	13	15	6	6	46
20-24	36	47	40	37	37	197
25-29	46	41	47	45	41	220
30-34	42	38	30	30	29	169
35-39	19	21	23	30	28	121
>= 40	40	26	20	16	20	122
Total	189	186	175	164	161	875

System Status: 41°F Sunny 4:34 PM 1/26/2022

ITP; Jan-Nov 2021

MONTHLY average (Jan-Nov 2021) – **51**

YTD total (Jan-Nov 2021) – **564**

322% Increase (3.22x)
from 2020 -> 2021

https://www.afhsc.mil/DMED/Data
Defense Medical Epidemiology Branch

DoD Webmail

ICD Codes: D69.3 Immune thrombocytopenic purpura
Service: All
Grade: All

Data Sources: Hospitalizations Ambulatory Data Reportable Events
Gender: All
Marital Status: All
Occupation: ALL OCCUPATION GROUPS

Query Type: ICD-10 Based Query Oct 2015 to present
Age: All
Time: Jan 2021 Feb 2021 Mar 2021 Apr 2021 May 2021 Jun 2021 Jul 2021 Aug 2021 Sep 2021 Oct 2021 Nov 2021 Dec 2021
Condition: Primary Diagnosis
Race: All
Occurrence: All Occurrences
Location: ALL LOCATIONS

Counts Line Chart Bar Chart

Reportable Events
Hospitalizations
Ambulatory Data

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Total
< 20	0	0	0	0	0	0	2	9	6	5	6	0	28
20-24	19	7	9	10	16	5	12	12	14	9	4	0	117
25-29	10	24	17	13	3	12	9	6	9	17	12	0	132
30-34	19	24	31	12	5	8	6	8	13	9	5	0	140
35-39	6	6	5	7	6	8	3	8	2	4	0	0	55
>= 40	5	8	12	9	12	3	2	6	3	12	20	0	92
Total	59	69	74	51	42	36	34	49	47	56	47	0	564



Type here to search



41°F Sunny 4:34 PM
1/26/2022

Menstrual Irregularity; 2016-2020

Annual average (2016-2020) – 4,810

The screenshot shows a web-based application for medical epidemiology data analysis. At the top, there's a navigation bar with tabs like 'Setup', 'ICD-10 Explorer', 'Population', 'Diagnoses & Occurrences', 'Location/Occupation', 'Display Config', 'Results', and 'History'. Below the navigation, there are two columns of search parameters:

ICD Codes:	Query Type:
N93.8 Other specified abnormal uterine and vaginal bleeding	ICD-10 Based Query Oct 2015 to present
N93.9 Abnormal uterine and vaginal bleeding, unspecified	Service: All
N92 Excessive, frequent and irregular menstruation	Age: All

Below these are more specific filters:

Data Sources:	Time:
Hospitalizations Ambulatory Data Reportable Events	2016 2017 2018 2019 2020
Gender:	Condition:
All	Primary Diagnosis
Marital Status:	Race:
All	All
Occupation:	Occurrence:
ALL OCCUPATION GROUPS	All Occurrences
Location:	
ALL LOCATIONS	

On the left side, there's a sidebar with three buttons: 'Hospitalizations' (selected), 'Reportable Events', and 'Ambulatory Data'. Below the sidebar is a table showing counts for different age groups across the years 2016-2020. The 'Total' row at the bottom is highlighted with a red box.

	2016	2017	2018	2019	2020	Total
< 20	253	275	255	276	265	1,324
20-24	846	902	942	1,008	976	4,674
25-29	933	990	1,045	1,101	1,064	5,133
30-34	851	923	886	899	915	4,474
35-39	825	826	855	901	814	4,221
>= 40	810	895	831	872	820	4,228
Total	4,518	4,811	4,814	5,057	4,854	24,054

At the bottom of the screen, there's a taskbar with the Windows logo, a search bar, and various pinned icons. The system status bar shows the date (1/26/2022), time (4:36 PM), and weather (41°F Sunny).

Menstrual Irregularity; Jan-Nov 2021

MONTHLY average (Jan-Nov 2021) – **2,085**

YTD total (Jan-Nov 2021) – **22,938**

476% Increase (4.76x)
from 2020 -> 2021

https://www.afhsc.mil/DMED/Data
Defense Medical Epidemiology Branch

DoD Webmail

ICD Codes: N93.8 Other specified abnormal uterine and vaginal bleeding
N93.9 Abnormal uterine and vaginal bleeding, unspecified
N92 Excessive, frequent and irregular menstruation

Query Type: ICD-10 Based Query Oct 2015 to present
Service: All
Age: All
Time: Jan 2021 Feb 2021 Mar 2021 Apr 2021 May 2021 Jun 2021 Jul 2021 Aug 2021 Sep 2021 Oct 2021 Nov 2021 Dec 2021
Condition: Primary Diagnosis
Race: All
Occurrence: All Occurrences
Location: ALL LOCATIONS

Grade: All
Data Sources: Hospitalizations Ambulatory Data Reportable Events
Gender: All
Marital Status: All
Occupation: ALL OCCUPATION GROUPS

Counts Line Chart Bar Chart

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Total
Hospitalizations	178	102	163	140	131	141	120	138	143	127	122	0	1,505
Reportable Events	712	678	773	656	634	715	631	735	653	696	519	0	7,402
Ambulatory Data	388	389	508	426	393	452	419	484	415	395	364	0	4,633
30-34	309	257	316	275	256	317	279	289	299	274	268	0	3,139
35-39	279	288	311	308	282	254	224	259	257	289	263	0	3,014
>= 40	273	269	354	349	295	320	250	294	280	310	252	0	3,246
Total	2,139	1,983	2,425	2,154	1,991	2,199	1,923	2,199	2,047	2,091	1,788	0	22,939

Type here to search 41°F Sunny 4:36 PM 1/26/2022

MS/Demyelinating Dz; 2016-2020

Annual average (2016-2020) – 707

The screenshot shows a web-based medical epidemiology dashboard. At the top, there is a navigation bar with links for 'Setup', 'ICD-10 Explorer', 'Population', 'Diagnoses & Occurrences', 'Location/Occupation' (which is currently selected), 'Display Config', 'Results', and 'History'. Below the navigation bar, there are two columns of search parameters:

ICD Codes: G35 - G37 Demyelinating diseases of the central nervous system G35 Multiple sclerosis	Query Type: ICD-10 Based Query Oct 2015 to present
Age: All	Service: All
Time: 2016 2017 2018 2019 2020	Grade: All
Condition: Primary Diagnosis	Data Sources: Hospitalizations Ambulatory Data Reportable Events
Race: All	Gender: All
Occurrence: All Occurrences	Marital Status: All
Location: ALL LOCATIONS	Occupation: ALL OCCUPATION GROUPS

Below these parameters is a table showing the annual count of reportable events. The table has columns for 'Counts' (Reportable Events, Hospitalizations, Ambulatory Data), 'Population', 'Rate', 'Line Chart', and 'Bar Chart'. The 'Counts' column is expanded to show the following data:

	2016	2017	2018	2019	2020	Total
< 20	15	16	8	8	30	77
20-24	107	115	86	96	87	491
25-29	170	164	175	155	146	810
30-34	152	128	129	124	111	644
35-39	148	148	139	151	134	720
≥ 40	193	166	153	143	140	795
Total	785	737	690	677	648	3,537

The 'Total' row of the table is highlighted with a red border.

MS/Demyelinating Dz; Jan-Nov 2021

MONTHLY average (Jan-Nov 2021) – **313**

YTD total (Jan-Nov 2021) – **3,444**

487% Increase (4.87x)
from 2020 -> 2021

https://www.afhsc.mil/DMED/Data
Defense Medical Epidemiology Data System

DoD Webmail

ICD Codes: G35 - G37 Demyelinating diseases of the central nervous system
G35 Multiple sclerosis

Age: All

Time: Jan 2021 Feb 2021 Mar 2021 Apr 2021 May 2021 Jun 2021 Jul 2021 Aug 2021 Sep 2021 Oct 2021 Nov 2021 Dec 2021

Gender: All

Marital Status: All

Occupation: ALL OCCUPATION GROUPS

Query Type: ICD-10 Based Query Oct 2015 to present

Service: All

Grade: All

Data Sources: Hospitalizations Ambulatory Data Reportable Events

Condition: Primary Diagnosis

Race: All

Occurrence: All Occurrences

Location: ALL LOCATIONS

Counts Line Chart Bar Chart

Reportable Events

Hospitalizations

Ambulatory Data

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Total
< 20	5	2	2	2	1	2	1	0	0	0	0	0	15
20-24	47	42	46	47	40	52	57	46	44	31	32	0	484
25-29	55	43	71	57	53	53	38	50	63	58	44	0	585
30-34	52	39	46	43	54	48	34	47	49	41	39	0	492
35-39	81	74	76	86	84	82	66	83	80	58	52	0	822
= 40	78	123	100	106	90	117	90	103	92	87	60	0	1,046
Total	318	323	341	341	322	354	286	329	328	275	227	0	3,444

Type here to search 41°F Sunny 4:37 PM 1/26/2022

Neoplasms; 2016-2020

Annual average (2016-2020) – **38,678**

The screenshot shows a web browser window with the URL <https://www.afhsc.mil/DMED/Data>. The page displays a query for ICD Codes C00 - D49 Neoplasms, covering the years 2016 to 2020. The results are presented in a table with tabs for Counts, Population, Rate, Line Chart, and Bar Chart. The 'Counts' tab is selected, showing the number of events for various age groups. A red box highlights the 'Total' row at the bottom of the table.

ICD Codes: C00 - D49 Neoplasms

Service: All

Grade: All

Data Sources: Hospitalizations Ambulatory Data Reportable Events

Gender: All

Marital Status: All

Occupation: ALL OCCUPATION GROUPS

Query Type: ICD-10 Based Query Oct 2015 to present

Age: All

Time: 2016 2017 2018 2019 2020

Condition: Primary Diagnosis

Race: All

Occurrence: All Occurrences

Location: ALL LOCATIONS

	2016	2017	2018	2019	2020	Total
< 20	757	785	775	761	629	3,707
20-24	5,964	5,641	5,449	5,956	5,312	28,322
25-29	8,240	7,612	7,121	7,393	6,912	37,278
30-34	8,133	7,617	7,376	7,139	6,675	36,940
35-39	7,736	7,587	7,314	7,770	7,123	37,530
≥ 40	10,727	9,897	9,721	9,870	9,399	49,614
Total	41,557	39,139	37,756	38,889	36,050	193,391

Reportable Events

Hospitalizations

Ambulatory Data

Counts Population Rate Line Chart Bar Chart

Export To Excel Print

Type here to search

41°F Sunny 4:40 PM 1/26/2022

Neoplasms; Jan-Nov 2021

MONTHLY average (Jan-Nov 2021) – **10,422**

YTD total (Jan-Nov 2021) – **114,645**

**296% Increase (2.96x)
from 2020 -> 2021**

https://www.afhsc.mil/DMED/Data

Defense Medical Epidemiolog... X

DoD Webmail

Search...

ICD Codes: C00 - D49 Neoplasms

Service: All

Grade: All

Data Sources: Hospitalizations Ambulatory Data Reportable Events

Gender: All

Marital Status: All

Occupation: ALL OCCUPATION GROUPS

Query Type: ICD-10 Based Query Oct 2015 to present

Age: All

Time: Jan 2021 Feb 2021 Mar 2021 Apr 2021 May 2021 Jun 2021 Jul 2021 Aug 2021 Sep 2021 Oct 2021 Nov 2021 Dec 2021

Condition: Primary Diagnosis

Race: All

Occurrence: All Occurrences

Location: ALL LOCATIONS

Counts Line Chart Bar Chart

Hospitalizations

Reportable Events

Ambulatory Data

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Total
< 20	122	118	122	102	95	135	115	111	97	104	97	0	1,218
20-24	1,255	1,337	1,618	1,499	1,465	1,618	1,472	1,447	1,348	1,354	1,099	0	15,512
25-29	1,649	1,641	1,966	1,910	1,675	1,812	1,717	1,832	1,721	1,748	1,405	0	19,076
30-34	1,687	1,771	2,094	1,968	1,906	1,901	1,741	1,875	1,776	1,806	1,359	0	19,884
35-39	2,012	1,879	2,351	2,325	2,180	2,257	1,873	2,060	2,128	1,956	1,556	0	22,577
>= 40	3,136	3,054	3,750	3,502	3,447	3,654	2,945	3,400	3,371	3,358	2,761	0	36,378
Total	9,861	9,800	11,901	11,306	10,768	11,377	9,863	10,725	10,441	10,326	8,277	0	114,645

Export To Excel Print

41°F Sunny 4:40 PM 1/26/2022

Nontraumatic SAH/ICH; 2016-2020

Annual average (2016-2020) – 595

The screenshot shows a web-based data analysis tool. At the top, there are search and filter fields for ICD Codes (I60, I61, I62), Query Type (ICD-10 Based Query Oct 2015 to present), Service (All), Age (All), Time (2016-2020), Condition (Primary Diagnosis), Race (All), Occurrence (All Occurrences), and Location (ALL LOCATIONS). Below these filters, there are tabs for Counts, Population, Rate, Line Chart, and Bar Chart. The Counts tab is selected, displaying a table of data. The table has columns for Age Group and years 2016, 2017, 2018, 2019, 2020, and Total. The data is as follows:

Age Group	2016	2017	2018	2019	2020	Total
< 20	34	31	17	20	34	136
20-24	154	127	141	128	128	678
25-29	117	89	101	106	107	520
30-34	111	117	84	115	100	527
35-39	110	89	94	75	122	490
>= 40	175	96	120	110	123	624
Total	701	549	557	554	614	2,975

At the bottom of the table, there are buttons for 'Export To Excel' and 'Print'. The status bar at the bottom right shows the date and time as 4:42 PM 1/26/2022.

Nontraumatic SAH/ICH; Jan-Nov 2021

MONTHLY average (Jan-Nov 2021) – **169**

YTD total (Jan-Nov 2021) – **1,858**

312% Increase (3.12x)
from 2020 -> 2021

https://www.afhsc.mil/DMED/Data
Defense Medical Epidemiology
DoD Webmail

ICD Codes: I60 Nontraumatic subarachnoid hemorrhage
I61 Nontraumatic intracerebral hemorrhage
I62 Other and unspecified nontraumatic intracranial hemorrhage

Grade: All

Data Sources: Hospitalizations Ambulatory Data Reportable Events

Gender: All

Marital Status: All

Occupation: ALL OCCUPATION GROUPS

Query Type: ICD-10 Based Query Oct 2015 to present
Service: All
Age: All
Time: Jan 2021 Feb 2021 Mar 2021 Apr 2021 May 2021 Jun 2021 Jul 2021 Aug 2021 Sep 2021 Oct 2021 Nov 2021 Dec 2021
Condition: Primary Diagnosis
Race: All
Occurrence: All Occurrences
Location: ALL LOCATIONS

Hospitalizations

Reportable Events

Ambulatory Data

Counts Line Chart Bar Chart

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Total
< 20	2	1	2	1	1	3	4	1	18	16	2	0	51
20-24	37	20	28	63	39	32	57	13	22	21	17	0	349
25-29	39	53	63	51	56	33	4	26	24	20	8	0	377
30-34	43	30	11	15	83	27	9	9	19	6	14	0	266
35-39	13	45	91	52	67	65	33	7	9	4	7	0	393
>= 40	127	61	14	24	14	21	12	41	58	38	12	0	422
Total	261	210	209	206	260	181	119	97	150	105	60	0	1,858

Type here to search 41°F Sunny 4:43 PM 1/26/2022

Spontaneous Abortion; 2016-2020

Annual average (2016-2020) – 1,500

The screenshot shows a web browser displaying a medical epidemiology dashboard. The URL is https://www.afhsc.mil/DMED/Data. The dashboard filters are set to ICD Codes: O03 Spontaneous abortion, Service: All, Grade: All, Data Sources: Hospitalizations Ambulatory Data Reportable Events, Gender: All, Marital Status: All, Occupation: ALL OCCUPATION GROUPS, Query Type: ICD-10 Based Query Oct 2015 to present, Age: All, Time: 2016 2017 2018 2019 2020, Condition: Primary Diagnosis, Race: All, Occurrence: All Occurrences, and Location: ALL LOCATIONS.

The main data table displays counts of spontaneous abortions by age group for each year from 2016 to 2020. The total count across all age groups and years is 7,500, which is highlighted with a red border.

	2016	2017	2018	2019	2020	Total
< 20	86	83	80	88	94	431
20-24	310	373	364	394	392	1,833
25-29	399	406	403	405	362	1,975
30-34	317	320	307	313	293	1,550
35-39	232	258	254	256	244	1,244
>= 40	87	79	85	124	92	467
Total	1,431	1,519	1,493	1,580	1,477	7,500

Buttons for Counts, Population, Rate, Line Chart, Bar Chart, Hospitalizations, Reportable Events, and Ambulatory Data are visible on the left. A green "Export To Excel" button is at the bottom left, and a green "Print" button is at the bottom right. The browser taskbar at the bottom shows the Windows Start button, a search bar, and various pinned icons.

Spontaneous Abortion; Jan-Nov 2021

MONTHLY average (Jan-Nov 2021) – **418**

YTD total (Jan-Nov 2021) – **4,602**

306% Increase (3.06x)
from 2020 -> 2021

The screenshot shows a web-based medical epidemiology dashboard. At the top, there are search and filter fields for ICD Codes (003 Spontaneous abortion), Service (All), Grade (All), Data Sources (Hospitalizations, Ambulatory Data, Reportable Events), Gender (All), Marital Status (All), Occupation (ALL OCCUPATION GROUPS), Query Type (ICD-10 Based Query Oct 2015 to present), Age (All), Time (Jan 2021 to Dec 2021), Condition (Primary Diagnosis), Race (All), Occurrence (All Occurrences), and Location (ALL LOCATIONS). Below these filters is a summary table showing counts for different age groups across the months of 2021. The table includes columns for Jan 2021 through Dec 2021, and a Total column. The 'Reportable Events' tab is selected. The total count for the year is highlighted in a red box at the bottom right of the table.

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Total
< 20	14	27	8	14	23	14	18	21	16	20	14	0	189
20-24	162	181	190	142	118	157	155	168	152	152	102	0	1,679
25-29	116	112	119	123	102	155	106	136	126	110	107	0	1,312
30-34	78	64	79	98	51	79	72	85	72	67	51	0	796
35-39	49	40	64	29	23	43	36	43	51	40	40	0	458
≥ 40	8	13	10	27	18	10	16	19	20	18	9	0	168
Total	427	437	470	433	335	458	403	472	437	407	323	0	4,602

Thrombocytopenia; 2016-2020

Annual average (2016-2020) – 663

The screenshot shows a web browser window with the URL <https://www.afhsc.mil/DMED/Data>. The page displays search filters and a data table.

Search Filters:

- ICD Codes: D69.4 Other primary thrombocytopenia D69.5 Secondary thrombocytopenia D69.6 Thrombocytopenia, unspecified
- Query Type: ICD-10 Based Query Oct 2015 to present
- Service: All
- Grade: All
- Data Sources: Hospitalizations Ambulatory Data Reportable Events
- Gender: All
- Marital Status: All
- Occupation: ALL OCCUPATION GROUPS
- Age: All
- Time: 2016 2017 2018 2019 2020
- Condition: Primary Diagnosis
- Race: All
- Occurrence: All Occurrences
- Location: ALL LOCATIONS

Data Table:

	2016	2017	2018	2019	2020	Total
< 20	27	44	27	34	19	151
20-24	142	133	139	137	122	673
25-29	183	168	158	174	153	836
30-34	159	141	132	122	133	687
35-39	104	103	102	103	89	501
>= 40	122	93	91	76	86	468
Total	737	682	649	646	602	3,316

A red box highlights the "Total" row of the table.

Left Sidebar:

- Reportable Events
- Hospitalizations
- Ambulatory Data

Bottom Navigation:

- Counts
- Population
- Rate
- Line Chart
- Bar Chart

Bottom Bar:

- Export To Excel
- Print

System Status:

- 41°F Sunny
- 4:45 PM
- 1/26/2022

Thrombocytopenia; Jan-Nov 2021

MONTHLY average (Jan-Nov 2021) – **146**

YTD total (Jan-Nov 2021) – **1,611**

**242% Increase (2.42x)
from 2020 -> 2021**

The screenshot shows a web-based medical epidemiology dashboard. At the top, there are search filters for ICD Codes (D69.4, D69.5, D69.6), Query Type (ICD-10 Based Query Oct 2015 to present), Service (All), Grade (All), Data Sources (Hospitalizations, Ambulatory Data, Reportable Events), Condition (Primary Diagnosis), Race (All), Occurrence (All Occurrences), and Location (All Locations). Below these filters is a summary table showing counts for different age groups across the months of 2021. The 'Reportable Events' tab is selected. The 'Counts' tab is active. The 'Bar Chart' tab is visible. The 'Ambulatory Data' tab is also visible. The monthly report table shows the following data:

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Total
< 20	1	0	3	1	1	12	10	21	5	4	3	0	61
20-24	33	38	36	35	44	35	53	64	58	39	27	0	462
25-29	37	19	41	61	29	32	30	29	34	22	14	0	348
30-34	22	32	22	30	29	42	27	17	16	14	24	0	275
35-39	10	8	11	17	14	34	23	32	16	9	12	0	186
=> 40	27	25	32	29	16	27	32	19	20	27	25	0	279
Total	130	122	145	173	133	182	175	182	149	115	105	0	1,611