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The following report contains a description of the request, request specifications, and results from the modular program run(s).

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Overview for Request: cder_mpl1p_wp049, Report 2 of 2

Request ID: cder_mpl1p_wp049_nsdv_v01

Request Description: In this report we examined counts of individuals with a new cancer diagnosis for nineteen site specific cancer types in the Sentinel Distributed Database (SDD) and described length of enrollment prior to and following diagnosis among those individuals. This is report 2 of 2, and describes members with medical and drug coverage. Report 1 of 2 requires that the members have at least medical coverage, and describes those counts and length of enrollment.

Sentinel Routine Querying Module: Cohort Identification and Descriptive Analysis (CIDA) module, version 7.0.1, with ad hoc programming.

Data Source: We distributed this request to 14 Sentinel Data Partners on October 19, 2020. The study period included data from January 1, 2000 through February 29, 2020. Please see Appendix A for a list of dates of available data for each Data Partner.

Study Design: We identified individuals with an incident diagnosis of any of the nineteen site specific cancer types among a cohort of all ages. This is a Type 1 analysis in the Query Request Package (QRP) documentation.

Events of Interest: We defined the event of interest as two diagnosis codes of a specific cancer type within two months of each other, in any care setting for each of the following cancer types or sites: anus, breast (male or female), cervix, colon, esophagus, kidney and pelvis, leukemia, liver or intrahepatic bile duct, lung or bronchus, melanoma, Non-Hodgkin's lymphoma, other endocrine, pancreas, prostate, rectum, thyroid, urinary tract or bladder, or uterus. Two diagnosis codes on the same day were not considered an event. Only the first qualifying (index) event in any care setting for each member was included per cancer type; cohort re-entry was not allowed. Incidence was defined as a 365-day washout for any diagnosis code specific to the site or cancer type of interest. Please see Appendix B for the specific International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis codes used to define events in this request.

Cohort Eligibility Criteria: We required members included in the cohorts to be enrolled in health plans with medical and drug coverage in the 365 days prior to their index date; a gap in coverage of up to 45 days was allowed and treated as continuous enrollment. The following age groups were included in the cohort: 0-44, 45-64, 65+ years. We identified the following cohorts:

1. *All cancer type cohort* - To be included in this cohort, we identified any cancer type, with two diagnoses for the same cancer site occurring within two months.
2. *Cancer-specific cohorts* - We identified cancer-specific cohorts, and each cohort required two diagnoses of the specific cancer within two months. The following cancer-specific cohorts were identified: anus, breast (male or female), cervix, colon, esophagus, kidney and pelvis, leukemia, liver or intrahepatic bile duct, lung or bronchus, melanoma, Non-Hodgkin's lymphoma, other endocrine, pancreas, prostate, rectum, thyroid, urinary tract or bladder and uterus.

Follow-up Time: Follow-up time was characterized both prior to and following the diagnosis of interest. Pre-diagnostic follow-up time began at the member's start of enrollment and continued until the first diagnosis of the event. Post-diagnostic follow-up time began on the date of the first diagnosis and continued until the first occurrence of any of the following: 1) disenrollment; 2) death; 3) the end of Data Partner data availability; or 4) the end of the query period. Both pre and post-diagnostic follow-up time were categorized into the non-mutually exclusive categories: >0, >1, >2, >3, >4 years.

Sensitivity Analyses: We performed sensitivity analyses for the all cancer type cohort, extending the two month event definition to three months and six months respectively.

Please see Appendix C for specifications defining parameters in this request and Appendix D for a design diagram of cohort defining criteria.

Limitations: The algorithms used to define the events are imperfect; thus, it is possible that there may be misclassification. Therefore, data should be interpreted with this limitation in mind.

Overview for Request: cder_mpl1p_wp049, Report 2 of 2

Notes: Please contact the Sentinel Operations Center (info@sentinelsystem.org) for questions and to provide comments/suggestions for future enhancements to this document. For more information on Sentinel's routine querying modules, please refer to the documentation (<https://dev.sentinelsystem.org/projects/SENTINEL/repos/sentinel-routine-querying-tool-documentation/browse>).

Table of Contents

<u>Glossary</u>	List of Terms Found in this Report and their Definitions
<u>Table 1a.1</u>	Annual Number of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group
<u>Table 1a.2</u>	Annual Number of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group
<u>Table 1b.1</u>	Annual Number of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group
<u>Table 1b.2</u>	Annual Number of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group
<u>Table 1c.1</u>	Annual Number of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group
<u>Table 1c.2</u>	Annual Number of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group
<u>Table 1d.1</u>	Annual Ratio of New Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group
<u>Table 1d.2</u>	Annual Ratio of New Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group
<u>Table 1e.1</u>	Annual Ratio of New Male Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group
<u>Table 1e.2</u>	Annual Ratio of New Male Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group
<u>Table 1f.1</u>	Annual Ratio of New Female Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group
<u>Table 1f.2</u>	Annual Ratio of New Female Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group
<u>Table 2</u>	Pre-Diagnostic Patient Follow-Up in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020, by Cancer Site
<u>Table 3</u>	Post-Diagnostic Patient Follow-Up in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020, by Cancer Site
<u>Table 4a</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Any Cancer Site (Two-Month Definition) in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4b</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Any Cancer Site (Three-Month Definition) in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4c</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Any Cancer Site (Six-Month Definition) in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4d</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Anal Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4e</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Female Breast Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4f</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Male Breast Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4g</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Cervical Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Table of Contents

<u>Table 4h</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Colon Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4i</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Endometrial Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4j</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Esophageal Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4k</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Kidney, Rectal, or Pelvic Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4l</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Leukemia in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4m</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Liver or Intrahepatic Bile Duct Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4n</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Lung or Bronchial Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4o</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Melanoma in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4p</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Non-Hodgkin's Lymphoma in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4q</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Other Endocrine Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4r</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Pancreatic Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4s</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Prostate Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4t</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Rectal Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4u</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Thyroid Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Table 4v</u>	Counts of Patients by Pre and Post-Index Follow-Up Time for Urinary or Bladder Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020
<u>Appendix A</u>	Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date (October 19, 2020)
<u>Appendix B</u>	List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request
<u>Appendix C</u>	Specifications Defining Parameters in this Request
<u>Appendix D</u>	Design Diagram for Cohort Defining Criteria

**Glossary of Terms for Analyses Using
Cohort Identification and Descriptive Analysis (CIDA) Module***

Amount Supplied - number of units (pills, tablets, vials) dispensed. Net amount per NDC per dispensing.

Blackout Period - number of days at the beginning of a treatment episode that events are to be ignored. If an event occurs during the blackout period, the episode is excluded.

Care Setting - type of medical encounter or facility where the exposure, event, or condition code was recorded. Possible care settings include: Inpatient Hospital Stay (IP), Non-Acute Institutional Stay (IS), Emergency Department (ED), Ambulatory Visit (AV), and Other Ambulatory Visit (OA). For laboratory results, possible care settings include: Emergency Department (E), Home (H), Inpatient (I), Outpatient (O), or Unknown or Missing (U). The Care Setting, along with the Principal Diagnosis Indicator (PDX), forms the Care Setting/PDX parameter.

Ambulatory Visit (AV) - includes visits at outpatient clinics, same-day surgeries, urgent care visits, and other same-day ambulatory hospital encounters, but excludes emergency department encounters.

Emergency Department (ED) - includes ED encounters that become inpatient stays (in which case inpatient stays would be a separate encounter). Excludes urgent care visits.

Inpatient Hospital Stay (IP) - includes all inpatient stays, same-day hospital discharges, hospital transfers, and acute hospital care where the discharge is after the admission date.

Non-Acute Institutional Stay (IS) - includes hospice, skilled nursing facility (SNF), rehab center, nursing home, residential, overnight non-hospital dialysis and other non-hospital stays.

Other Ambulatory Visit (OA) - includes other non overnight AV encounters such as hospice visits, home health visits, skilled nursing facility visits, other non-hospital visits, as well as telemedicine, telephone and email consultations.

Charlson/Elixhauser Combined Comorbidity Score - calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (e.g., in the 183 days prior to index).

Code Days - the minimum number of times the diagnosis must be found during the evaluation period in order to fulfill the algorithm to identify the corresponding patient characteristic.

Cohort Definition (drug/exposure) - indicates how the cohort will be defined: 01: Cohort includes only the first valid treatment episode during the query period; 02: Cohort includes all valid treatment episodes during the query period; 03: Cohort includes all valid treatment episodes during the query period until an event occurs.

Computed Start Marketing Date - represents the first observed dispensing date among all valid users within a GROUP (scenario) within each Data Partner site.

Days Supplied - number of days supplied for all dispensings in qualifying treatment episodes.

Eligible Members - number of members eligible for an incident treatment episode (defined by the drug/exposure and event washout periods) with drug and medical coverage during the query period.

Enrollment Gap - number of days allowed between two consecutive enrollment periods without breaking a "continuously enrolled" sequence.

Patients - treatment episodes; length of episode is determined by days supplied in one dispensing or consecutive dispensings bridged by the episode gap.

Episode Gap - number of days allowed between two (or more) consecutive exposures (dispensings/procedures) to be considered the same treatment episode.

Event Deduplication - specifies how events are counted by the Modular Program (MP) algorithm: 0: Counts all occurrences of a health outcome of interest (HOI) during an exposure episode; 1: de-duplicates occurrences of the same HOI code and code type on the same day; 2: de-duplicates occurrences of the same HOI group on the same day (e.g., de-duplicates at the group level).

Exposure Episode Length - number of days after exposure initiation that is considered "exposed time."

Exposure Extension Period - number of days post treatment period in which the outcomes/events are counted for a treatment episode. Extensions are added after any episode gaps have been bridged.

Lookback Period - number of days wherein a member is required to have evidence of pre-existing condition (diagnosis/procedure/drug dispensing).

Maximum Episode Duration - truncates exposure episodes after a requester-specified number of exposed days. Applied after any gaps are bridged and extension days added to the length of the exposure episode.

Member-Years - sum of all days of enrollment with medical and drug coverage in the query period preceded by an exposure washout period all divided by 365.25.

Minimum Days Supplied - specifies a minimum number of days in length of the days supplied for the episode to be considered.

Minimum Episode Duration - specifies a minimum number of days in length of the episode for it to be considered. Applied after any gaps are bridged and extension days added to the length of the exposure episode.

Monitoring Period - used to define time periods of interest for both sequential analysis and simple cohort characterization requests.

Principal Diagnosis (PDX) - diagnosis or condition established to be chiefly responsible for admission of the patient to the hospital. 'P' = principal diagnosis, 'S' = secondary diagnosis, 'X' = unspecified diagnosis, '.' = blank. Along with the Care Setting values, forms the Caresetting/PDX parameter.

Query Period - period in which the modular program looks for exposures and outcomes of interest.

Switch Evaluation Step Value - value used to differentiate evaluation step. Each switch pattern can support up to 2 evaluation steps (0 = switch pattern evaluation start; 1 = first evaluation; 2 = second evaluation).

Switch Gap Inclusion Indicator - indicator for whether gaps in treatment episodes that are included in a switch episode will be counted as part of the switch episode duration.

Switch Pattern Cohort Inclusion Date - indicates which date to use for inclusion into the switch pattern cohort of interest as well as optionally as the index date of the treatment episode initiating the switch pattern. Valid options are the product approval date, product marketing date, other requester defined date, or computed start marketing date.

Switch Pattern Cohort Inclusion Strategy - indicates how the switch pattern cohort inclusion date will be used: 01: used only as a switch cohort entry date. First treatment episode dispensing date is used as index for computing time to first switch; 02: used as switch cohort entry date and as initial switch step index date for computing time to first switch.

Treatment Episode Truncation Indicator - indicates whether the exposure episode will be truncated at the occurrence of a requester-specified code.

Washout Period (drug/exposure) - number of days a user is required to have no evidence of prior exposure (drug dispensing/procedure) and continuous drug and medical coverage prior to an incident treatment episode.

Washout Period (event/outcome) - number of days a user is required to have no evidence of a prior event (procedure/diagnosis) and continuous drug and medical coverage prior to an incident treatment episode.

Years at Risk - number of days supplied plus any episode gaps and exposure extension periods all divided by 365.25.

Washout Period (event/outcome) - number of days a user is required to have no evidence of a prior event (procedure/diagnosis) and continuous drug and medical coverage prior to an incident treatment episode.

Years at Risk - number of days supplied plus any episode gaps and exposure extension periods all divided by 365.25.

*all terms may not be used in this report

Table 1a.1. Annual Number of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Number of Data Partners	7	7	7	7	8	9	10	11	13	13
Any Cancer Site										
Two-Month Definition										
<45	0	1,549	1,509	1,463	1,548	1,663	2,224	6,794	7,152	15,512
45-64	*****	7,037	7,562	7,770	7,760	8,992	9,153	31,691	34,945	70,727
65+	*****	9,940	10,185	10,723	10,671	11,906	9,931	27,017	39,273	66,023
All Ages ²	*****	18,526	19,256	19,956	19,979	22,561	21,308	65,502	81,370	152,262
Three-Month Definition										
<45	0	1,611	1,571	1,526	1,585	1,715	2,309	7,022	7,393	15,957
45-64	*****	7,339	7,854	8,101	8,071	9,375	9,520	32,749	36,052	72,683
65+	*****	10,486	10,739	11,416	11,249	12,592	10,454	28,225	40,992	68,709
All Ages ²	*****	19,436	20,164	21,043	20,905	23,682	22,283	67,996	84,437	157,349
Six-Month Definition										
<45	0	1,744	1,706	1,660	1,707	1,839	2,459	7,546	7,927	17,104
45-64	*****	7,974	8,568	8,764	8,740	10,161	10,169	35,085	38,460	77,692
65+	*****	11,790	12,118	12,960	12,593	14,191	11,538	31,063	45,264	75,918
All Ages ²	*****	21,508	22,392	23,384	23,040	26,191	24,166	73,694	91,651	170,714
Site Specific Cancer (Two-Month Definition)										
Anus										
<45	0	18	13	15	13	22	11	54	54	99
45-64	0	55	54	80	77	99	78	295	345	719
65+	0	50	54	52	52	66	53	205	266	494
All Ages	0	123	121	147	142	187	142	554	665	1,312
Breast (Female)³										
<45	0	426	407	393	415	444	708	1,707	1,791	3,789
45-64	0	1,993	2,307	2,221	2,230	2,666	2,664	8,738	9,609	19,195
65+	*****	2,007	2,027	2,050	1,919	2,383	1,976	5,359	7,512	12,325
All Ages	*****	4,426	4,741	4,664	4,564	5,493	5,348	15,804	18,912	35,309
Breast (Male)⁴										
<45	0	*****	0	*****	0	0	*****	*****	*****	21
45-64	0	*****	*****	*****	11	*****	*****	*****	*****	106
65+	0	*****	*****	*****	11	*****	*****	62	68	110
All Ages	0	12	22	23	22	23	24	115	108	237
Cervix³										
<45	0	95	107	102	89	84	98	261	271	594
45-64	0	108	85	92	102	85	99	381	418	928
65+	0	65	72	51	56	51	33	156	245	368
All Ages	0	268	264	245	247	220	230	798	934	1,890
Colon										
<45	0	85	76	77	75	88	87	364	428	817
45-64	0	577	620	607	648	738	737	2,591	2,935	5,333
65+	*****	1,174	1,259	1,323	1,275	1,466	1,214	3,062	4,763	7,520
All Ages	*****	1,836	1,955	2,007	1,998	2,292	2,038	6,017	8,126	13,670

Table 1a.1. Annual Number of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Esophagus										
<45	0	13	12	*****	15	13	26	61	50	86
45-64	0	106	118	*****	122	134	136	407	484	1,020
65+	0	192	178	166	191	204	158	450	707	1,158
All Ages	0	311	308	303	328	351	320	918	1,241	2,264
Kidney or Pelvis										
<45	0	56	47	56	57	63	74	294	275	589
45-64	0	211	235	292	245	328	344	1,457	1,428	3,164
65+	0	283	258	306	339	400	339	1,105	1,605	2,809
All Ages	0	550	540	654	641	791	757	2,856	3,308	6,562
Leukemia										
<45	0	148	157	132	156	157	156	515	631	1,135
45-64	0	213	219	224	225	245	266	930	1,176	2,190
65+	*****	318	333	405	415	426	354	1,084	1,660	2,807
All Ages	*****	679	709	761	796	828	776	2,529	3,467	6,132
Liver and Intrahepatic Bile Duct										
<45	0	19	16	23	22	24	24	78	68	162
45-64	0	113	128	130	167	173	176	567	641	1,329
65+	0	137	124	135	155	173	155	409	647	1,174
All Ages	0	269	268	288	344	370	355	1,054	1,356	2,665
Lung and Bronchus										
<45	0	113	78	101	86	81	89	464	306	512
45-64	*****	1,137	1,219	1,204	1,134	1,185	1,093	3,529	3,609	6,765
65+	*****	1,872	2,024	2,150	2,152	2,369	1,703	4,598	6,853	11,704
All Ages	*****	3,122	3,321	3,455	3,372	3,635	2,885	8,591	10,768	18,981
Melanoma										
<45	0	182	214	202	220	230	182	1,168	1,209	2,798
45-64	0	504	504	498	520	620	645	2,895	3,212	7,324
65+	0	444	532	551	538	628	477	1,886	3,024	5,661
All Ages	0	1,130	1,250	1,251	1,278	1,478	1,304	5,949	7,445	15,783
Non-Hodgkin's Lymphoma										
<45	0	186	163	147	167	172	181	693	772	1,756
45-64	0	403	430	432	475	492	513	1,785	2,041	4,272
65+	0	560	586	625	659	743	618	1,699	2,566	4,505
All Ages	0	1,149	1,179	1,204	1,301	1,407	1,312	4,177	5,379	10,533
Other Endocrine										
<45	0	96	97	84	111	96	96	399	452	969
45-64	0	439	393	400	404	561	488	1,963	2,219	4,296
65+	0	377	377	367	383	462	400	1,167	1,707	2,809
All Ages	0	912	867	851	898	1,119	984	3,529	4,378	8,074

Table 1a.1. Annual Number of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Pancreas										
<45	0	15	15	13	14	18	42	81	88	170
45-64	0	140	174	176	193	206	204	661	893	1,659
65+	*****	298	322	316	338	388	335	928	1,360	2,394
All Ages	*****	453	511	505	545	612	581	1,670	2,341	4,223
Prostate⁴										
<45	0	14	*****	18	21	11	17	118	112	241
45-64	0	1,125	*****	1,307	1,307	1,451	1,693	6,246	6,636	13,578
65+	0	2,270	2,246	2,495	2,428	2,567	2,511	7,085	10,031	16,815
All Ages	0	3,409	3,418	3,820	3,756	4,029	4,221	13,449	16,779	30,634
Rectum										
<45	0	59	57	61	45	55	56	238	249	519
45-64	0	307	306	319	339	373	300	1,605	1,672	3,218
65+	0	448	460	499	459	482	332	1,376	2,072	3,415
All Ages	0	814	823	879	843	910	688	3,219	3,993	7,152
Thyroid										
<45	0	131	155	125	149	184	195	926	1,020	2,469
45-64	0	136	148	202	173	280	256	1,293	1,572	3,634
65+	0	59	75	78	86	118	91	338	602	967
All Ages	0	326	378	405	408	582	542	2,557	3,194	7,070
Urinary Tract or Bladder										
<45	0	27	24	35	29	27	21	116	130	280
45-64	0	295	321	323	278	337	346	1,245	1,373	2,850
65+	0	831	818	828	872	902	781	2,390	3,342	5,866
All Ages	0	1,153	1,163	1,186	1,179	1,266	1,148	3,751	4,845	8,996
Uterus³										
<45	0	45	56	47	67	46	43	167	205	425
45-64	0	330	309	333	329	455	405	1,411	1,575	3,070
65+	0	268	297	289	311	343	304	791	1,139	1,886
All Ages	0	643	662	669	707	844	752	2,369	2,919	5,381

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through cells presented.

¹In leap years of 2000, 2004, 2008, 2012, and 2016, members have an additional day in the year that would qualify them as eligible.

²Aggregated numbers represent the sums of patients with at least one of the incident site-specific cancers, and is not the sum of patients across all incident cancers sites; that is, each cancer patient is only counted once in the aggregated sums.

³Members eligible for this cancer type were restricted to those with a value for sex as female, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

⁴Members eligible for this cancer type were restricted to those with a value for sex as male, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

Table 1a.2. Annual Number of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Number of Data Partners	13	14	14	14	14	14	14	14	12	9	2
Any Cancer Site											
Two-Month Definition											
<45	14,422	16,860	16,177	15,755	16,555	16,784	16,797	16,727	16,254	15,037	*****
45-64	66,793	96,295	93,155	92,330	98,323	101,845	102,659	103,755	99,389	92,039	3,103
65+	64,598	338,405	342,813	352,704	396,141	413,654	426,215	433,293	440,212	422,246	4,278
All Ages ²	145,813	451,560	452,145	460,789	511,019	532,283	545,671	553,775	555,855	529,322	*****
Three-Month Definition											
<45	14,815	17,393	16,681	16,175	17,106	17,306	17,380	17,166	16,780	15,445	*****
45-64	68,740	99,298	96,043	95,126	101,262	104,946	105,846	106,628	102,207	94,216	3,102
65+	67,101	352,393	356,819	366,366	411,185	428,804	440,905	447,916	454,577	433,249	4,288
All Ages ²	150,656	469,084	469,543	477,667	529,553	551,056	564,131	571,710	573,564	542,910	*****
Six-Month Definition											
<45	15,818	18,637	17,892	17,289	18,235	18,484	18,470	18,247	17,798	16,106	*****
45-64	73,321	106,384	102,834	101,421	108,065	111,734	112,623	113,186	108,454	97,823	3,089
65+	73,404	389,001	394,412	402,167	450,785	466,784	478,064	483,459	488,913	450,681	4,248
All Ages ²	162,543	514,022	515,138	520,877	577,085	597,002	609,157	614,892	615,165	564,610	*****
Site Specific Cancer (Two-Month Definition)											
Anus											
<45	92	186	159	156	177	149	137	143	150	152	*****
45-64	701	1,251	1,281	1,325	1,442	1,365	1,263	1,209	1,450	1,315	*****
65+	487	2,610	2,786	2,855	3,255	3,166	3,042	3,035	3,806	4,145	44
All Ages	1,280	4,047	4,226	4,336	4,874	4,680	4,442	4,387	5,406	5,612	84
Breast (Female)³											
<45	3,582	3,882	3,760	3,655	3,914	3,833	3,789	3,903	3,833	3,584	*****
45-64	17,748	23,246	22,568	22,513	23,632	24,319	23,759	23,990	22,596	20,952	829
65+	12,036	65,540	67,791	70,142	77,764	80,857	80,784	81,465	83,659	79,956	817
All Ages	33,366	92,668	94,119	96,310	105,310	109,009	108,332	109,358	110,088	104,492	*****

Table 1a.2. Annual Number of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Breast (Male)⁴											
<45	20	20	21	24	17	18	27	16	13	24	0
45-64	108	160	169	169	166	183	189	193	174	147	*****
65+	131	615	655	725	812	842	836	879	913	885	*****
All Ages	259	795	845	918	995	1,043	1,052	1,088	1,100	1,056	14
Cervix³											
<45	541	638	646	627	630	662	680	711	571	560	22
45-64	816	1,390	1,414	1,351	1,418	1,477	1,420	1,431	1,344	1,265	31
65+	354	2,756	2,880	2,687	3,076	3,047	2,976	3,006	3,015	2,764	28
All Ages	1,711	4,784	4,940	4,665	5,124	5,186	5,076	5,148	4,930	4,589	81
Colon											
<45	788	1,012	971	953	986	1,010	1,010	989	967	878	*****
45-64	5,023	7,970	7,799	7,879	8,365	8,355	8,488	8,327	8,281	7,246	242
65+	7,010	41,648	41,204	41,057	44,601	44,865	43,992	43,497	42,710	39,994	367
All Ages	12,821	50,630	49,974	49,889	53,952	54,230	53,490	52,813	51,958	48,118	*****
Esophagus											
<45	68	116	109	106	111	104	110	91	86	77	*****
45-64	894	1,730	1,605	1,694	1,742	1,897	1,797	1,723	1,731	1,592	*****
65+	1,177	6,136	6,217	6,360	7,437	8,136	7,963	7,828	8,223	7,878	71
All Ages	2,139	7,982	7,931	8,160	9,290	10,137	9,870	9,642	10,040	9,547	116
Kidney or Pelvis											
<45	525	721	776	750	818	873	838	769	824	752	24
45-64	2,875	4,926	4,856	4,741	5,259	5,405	5,652	5,683	5,500	4,954	159
65+	2,817	16,443	17,064	17,359	20,015	21,054	21,427	21,692	21,993	21,238	197
All Ages	6,217	22,090	22,696	22,850	26,092	27,332	27,917	28,144	28,317	26,944	380
Leukemia											
<45	1,151	1,436	1,372	1,336	1,364	1,425	1,397	1,306	1,279	1,137	*****
45-64	2,092	3,660	3,517	3,575	3,745	3,788	3,694	3,804	3,540	3,518	91
65+	2,756	16,781	17,311	17,640	20,058	20,827	21,284	21,570	21,968	21,114	197
All Ages	5,999	21,877	22,200	22,551	25,167	26,040	26,375	26,680	26,787	25,769	*****

Table 1a.2. Annual Number of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Liver and Intrahepatic Bile Duct											
<45	145	214	217	198	190	248	235	204	259	194	*****
45-64	1,346	3,033	3,147	3,252	3,579	3,527	3,531	3,403	3,053	2,659	*****
65+	1,145	7,742	8,256	8,694	9,891	10,796	12,031	12,282	12,470	12,452	98
All Ages	2,636	10,989	11,620	12,144	13,660	14,571	15,797	15,889	15,782	15,305	162
Lung and Bronchus											
<45	444	712	611	594	558	551	556	533	480	410	*****
45-64	6,386	13,185	13,259	12,930	13,759	13,870	13,972	13,567	12,830	11,684	266
65+	11,450	65,931	68,226	69,407	76,602	78,022	78,206	78,950	78,206	74,657	686
All Ages	18,280	79,828	82,096	82,931	90,919	92,443	92,734	93,050	91,516	86,751	*****
Melanoma											
<45	2,527	2,577	2,466	2,474	2,620	2,683	2,899	2,969	2,953	2,860	95
45-64	7,337	8,579	8,816	8,832	9,899	10,953	11,599	11,936	11,738	11,412	411
65+	5,894	29,035	31,538	34,805	42,851	47,888	52,375	55,019	58,047	57,842	495
All Ages	15,758	40,191	42,820	46,111	55,370	61,524	66,873	69,924	72,738	72,114	1,001
Non-Hodgkin's Lymphoma											
<45	1,666	2,129	1,984	1,818	1,865	1,828	1,698	1,660	1,627	1,416	70
45-64	3,985	6,315	6,189	6,078	6,555	6,534	6,240	6,226	5,907	5,523	149
65+	4,256	23,956	24,655	24,911	28,516	29,243	28,971	29,847	29,964	29,277	310
All Ages	9,907	32,400	32,828	32,807	36,936	37,605	36,909	37,733	37,498	36,216	529
Other Endocrine											
<45	867	1,053	1,007	972	991	983	974	958	939	806	25
45-64	4,093	6,150	5,938	5,789	6,327	6,478	6,436	6,571	6,134	5,369	169
65+	2,769	16,287	16,627	16,826	18,965	19,292	20,680	20,534	21,055	19,343	203
All Ages	7,729	23,490	23,572	23,587	26,283	26,753	28,090	28,063	28,128	25,518	397
Pancreas											
<45	164	242	237	241	215	177	207	196	229	180	*****
45-64	1,608	2,692	2,745	2,769	3,000	2,935	3,062	3,069	3,065	2,879	86
65+	2,460	14,116	14,553	15,446	17,274	17,548	18,459	18,920	19,554	18,676	176
All Ages	4,232	17,050	17,535	18,456	20,489	20,660	21,728	22,185	22,848	21,735	*****

Table 1a.2. Annual Number of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Prostate⁴											
<45	205	241	250	191	172	165	139	150	149	136	*****
45-64	12,695	16,211	13,954	13,311	13,509	14,468	15,032	16,044	15,856	14,996	*****
65+	16,237	75,539	70,953	72,509	80,615	87,460	92,034	95,530	97,892	95,253	1,088
All Ages	29,137	91,991	85,157	86,011	94,296	102,093	107,205	111,724	113,897	110,385	1,655
Rectum											
<45	435	599	542	511	582	554	534	560	536	523	23
45-64	2,910	4,359	4,139	4,112	4,249	4,269	4,196	4,108	4,116	3,794	123
65+	3,082	16,352	15,447	14,652	15,237	14,950	13,641	13,314	13,462	12,940	117
All Ages	6,427	21,310	20,128	19,275	20,068	19,773	18,371	17,982	18,114	17,257	263
Thyroid											
<45	2,355	2,616	2,564	2,526	2,814	2,905	2,867	2,841	2,668	2,434	124
45-64	3,557	4,402	4,468	4,510	4,833	5,094	5,115	5,020	4,620	4,435	147
65+	1,020	5,724	6,149	6,562	7,473	7,986	8,307	8,328	8,765	8,388	73
All Ages	6,932	12,742	13,181	13,598	15,120	15,985	16,289	16,189	16,053	15,257	344
Urinary Tract or Bladder											
<45	246	340	342	279	327	301	325	293	275	246	11
45-64	2,682	4,151	4,107	3,954	4,224	4,242	4,152	4,054	3,808	3,495	99
65+	5,826	29,888	31,165	31,782	35,532	35,947	36,551	36,678	36,543	34,846	378
All Ages	8,754	34,379	35,614	36,015	40,083	40,490	41,028	41,025	40,626	38,587	488
Uterus³											
<45	415	486	523	538	557	569	571	591	599	536	18
45-64	3,008	4,345	4,273	4,320	4,805	5,035	5,033	5,232	4,910	4,455	150
65+	1,967	10,673	11,169	11,730	13,438	14,187	15,581	15,686	16,380	15,882	180
All Ages	5,390	15,504	15,965	16,588	18,800	19,791	21,185	21,509	21,889	20,873	348

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through cells presented.

¹In leap years of 2000, 2004, 2008, 2012, and 2016, members have an additional day in the year that would qualify them as eligible.

²Aggregated numbers represent the sums of patients with at least one of the incident site-specific cancers, and is not the sum of patients across all incident cancers sites; that is, each cancer patient is only counted once in the aggregated sums.

³Members eligible for this cancer type were restricted to those with a value for sex as female, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

⁴Members eligible for this cancer type were restricted to those with a value for sex as male, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

Table 1b.1. Annual Number of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Number of Data Partners	7	7	7	7	8	9	10	11	13	13
Any Cancer Site										
Two-Month Definition										
<45	0	436	436	403	445	497	778	2,066	2,170	4,617
45-64	0	3,140	3,209	3,391	3,450	3,903	4,131	14,594	15,953	32,499
65+	*****	5,150	5,237	5,585	5,671	6,068	5,346	14,516	21,115	36,333
All Ages ²	*****	8,726	8,882	9,379	9,566	10,468	10,255	31,176	39,238	73,449
Three-Month Definition										
<45	0	454	451	425	456	516	810	2,144	2,255	4,774
45-64	0	3,284	3,368	3,563	3,613	4,081	4,335	15,131	16,507	33,468
65+	*****	5,502	5,569	6,022	6,012	6,444	5,694	15,247	22,132	37,932
All Ages ²	*****	9,240	9,388	10,010	10,081	11,041	10,839	32,522	40,894	76,174
Six-Month Definition										
<45	0	499	491	474	486	549	867	2,323	2,433	5,118
45-64	0	3,509	3,631	3,819	3,863	4,391	4,636	16,088	17,511	35,629
65+	*****	6,258	6,363	6,934	6,761	7,288	6,343	16,770	24,546	42,138
All Ages ²	*****	10,266	10,485	11,227	11,110	12,228	11,846	35,181	44,490	82,885
Site Specific Cancer (Two-Month Definition)										
Anus										
<45	0	*****	*****	*****	*****	12	*****	30	24	49
45-64	0	30	27	35	37	42	*****	129	156	315
65+	0	*****	*****	*****	*****	27	24	83	114	217
All Ages	0	54	60	63	64	81	55	242	294	581
Breast (Female)³										
<45	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0
Breast (Male)⁴										
<45	0	*****	0	*****	0	0	*****	*****	*****	21
45-64	0	*****	*****	*****	11	*****	*****	*****	*****	106
65+	0	*****	*****	*****	11	*****	*****	62	68	110
All Ages	0	12	22	23	22	23	24	115	108	237
Cervix³										
<45	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0
Colon										
<45	0	42	32	28	33	34	36	177	197	387
45-64	0	306	322	305	343	385	384	1,361	1,530	2,825
65+	0	560	572	615	602	672	576	1,513	2,277	3,743
All Ages	0	908	926	948	978	1,091	996	3,051	4,004	6,955

Table 1b.1. Annual Number of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Esophagus										
<45	0	*****	*****	*****	11	12	21	40	30	59
45-64	0	*****	*****	*****	99	110	101	330	381	817
65+	0	138	131	123	150	158	126	338	517	899
All Ages	0	230	226	228	260	280	248	708	928	1,775
Kidney or Pelvis										
<45	0	33	22	22	34	34	36	146	161	320
45-64	0	127	138	161	161	215	224	921	871	2,014
65+	0	150	151	181	202	249	217	663	949	1,730
All Ages	0	310	311	364	397	498	477	1,730	1,981	4,064
Leukemia										
<45	0	72	81	76	79	87	81	291	356	601
45-64	0	113	117	120	115	133	148	549	662	1,267
65+	0	175	193	200	221	238	207	629	949	1,625
All Ages	0	360	391	396	415	458	436	1,469	1,967	3,493
Liver and Intrahepatic Bile Duct										
<45	0	*****	*****	12	14	*****	17	44	37	72
45-64	0	82	95	91	130	114	121	397	435	923
65+	0	*****	*****	76	77	*****	93	255	406	713
All Ages	0	166	173	179	221	230	231	696	878	1,708
Lung and Bronchus										
<45	0	49	29	41	28	38	35	215	132	222
45-64	0	601	621	616	577	581	552	1,761	1,836	3,390
65+	*****	1,004	1,090	1,104	1,113	1,230	868	2,330	3,535	6,252
All Ages	*****	1,654	1,740	1,761	1,718	1,849	1,455	4,306	5,503	9,864
Melanoma										
<45	0	61	77	66	85	86	66	446	445	1,040
45-64	0	272	271	264	271	361	342	1,524	1,687	3,874
65+	0	286	309	336	337	388	287	1,179	1,923	3,641
All Ages	0	619	657	666	693	835	695	3,149	4,055	8,555
Non-Hodgkin's Lymphoma										
<45	0	108	102	84	92	102	89	357	410	949
45-64	0	218	212	231	249	255	304	958	1,127	2,353
65+	0	277	278	287	318	358	322	910	1,313	2,380
All Ages	0	603	592	602	659	715	715	2,225	2,850	5,682
Other Endocrine										
<45	0	18	18	16	15	13	19	94	77	187
45-64	0	19	*****	*****	14	17	17	95	123	251
65+	0	17	*****	*****	14	20	18	56	96	143
All Ages	0	54	36	40	43	50	54	245	296	581

Table 1b.1. Annual Number of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Pancreas										
<45	0	*****	*****	*****	*****	*****	23	40	37	83
45-64	0	*****	*****	*****	*****	*****	106	378	492	912
65+	0	124	149	141	152	179	164	450	665	1,149
All Ages	0	211	260	239	265	303	293	868	1,194	2,144
Prostate⁴										
<45	0	14	*****	18	21	11	17	118	112	241
45-64	0	1,125	*****	1,307	1,307	1,451	1,693	6,246	6,636	13,578
65+	0	2,269	2,246	2,495	2,428	2,567	2,511	7,085	10,031	16,812
All Ages	0	3,408	3,418	3,820	3,756	4,029	4,221	13,449	16,779	30,631
Rectum										
<45	0	24	27	33	25	22	24	121	129	263
45-64	0	183	170	176	191	222	170	880	923	1,789
65+	0	241	239	259	223	244	191	724	1,056	1,808
All Ages	0	448	436	468	439	488	385	1,725	2,108	3,860
Thyroid										
<45	0	15	29	16	26	36	36	171	196	477
45-64	0	39	34	49	52	75	74	328	411	927
65+	0	20	20	27	34	40	31	105	190	354
All Ages	0	74	83	92	112	151	141	604	797	1,758
Urinary Tract or Bladder										
<45	0	12	13	22	15	21	12	78	87	185
45-64	0	221	229	230	218	259	255	920	978	2,084
65+	0	617	606	622	651	658	618	1,776	2,544	4,470
All Ages	0	850	848	874	884	938	885	2,774	3,609	6,739
Uterus³										
<45	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through cells presented.

¹In leap years of 2000, 2004, 2008, 2012, and 2016, members have an additional day in the year that would qualify them as eligible.

²Aggregated numbers represent the sums of patients with at least one of the incident site-specific cancers, and is not the sum of patients across all incident cancers sites; that is, each cancer patient is only counted once in the aggregated sums.

³Members eligible for this cancer type were restricted to those with a value for sex as female, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

⁴Members eligible for this cancer type were restricted to those with a value for sex as male, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

Table 1b.2. Annual Number of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Number of Data Partners	13	14	14	14	14	14	14	14	12	9	2
Any Cancer Site											
Two-Month Definition											
<45	4,270	5,402	5,026	4,824	5,158	5,223	5,084	4,997	5,009	4,605	*****
45-64	30,704	44,868	42,605	42,254	44,742	46,543	47,161	48,049	46,571	43,139	1,459
65+	35,303	165,101	165,304	170,933	194,992	206,951	215,469	221,314	224,378	216,478	2,320
All Ages ²	70,277	215,371	212,935	218,011	244,892	258,717	267,714	274,360	275,958	264,222	*****
Three-Month Definition											
<45	4,394	5,603	5,186	4,977	5,352	5,408	5,295	5,133	5,184	4,747	*****
45-64	31,713	46,335	43,990	43,671	46,204	48,061	48,735	49,514	47,931	44,203	1,457
65+	36,860	172,670	172,749	178,299	203,211	215,383	223,775	229,585	232,681	222,713	2,327
All Ages ²	72,967	224,608	221,925	226,947	254,767	268,852	277,805	284,232	285,796	271,663	*****
Six-Month Definition											
<45	4,719	6,055	5,645	5,338	5,747	5,789	5,684	5,497	5,548	4,991	*****
45-64	33,712	49,408	46,959	46,511	49,297	51,078	51,735	52,421	50,672	45,823	1,454
65+	40,574	191,561	191,984	196,756	223,765	235,473	243,484	248,392	250,539	232,051	2,302
All Ages ²	79,005	247,024	244,588	248,605	278,809	292,340	300,903	306,310	306,759	282,865	*****
Site Specific Cancer (Two-Month Definition)											
Anus											
<45	48	121	96	86	99	81	69	83	84	82	0
45-64	299	643	632	650	683	668	559	514	667	603	19
65+	211	1,028	1,106	1,183	1,284	1,304	1,082	1,099	1,491	1,655	18
All Ages	558	1,792	1,834	1,919	2,066	2,053	1,710	1,696	2,242	2,340	37
Breast (Female)³											
<45	0	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0	0

Table 1b.2. Annual Number of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Breast (Male)⁴											
<45	20	20	21	24	17	18	27	16	13	24	0
45-64	108	160	169	169	166	183	188	193	174	147	*****
65+	131	615	655	725	812	842	836	878	913	885	*****
All Ages	259	795	845	918	995	1,043	1,051	1,087	1,100	1,056	14
Cervix³											
<45	0	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0	0
Colon											
<45	396	521	488	458	491	520	466	499	502	461	21
45-64	2,657	4,238	4,110	4,220	4,561	4,535	4,635	4,614	4,469	3,923	144
65+	3,486	17,732	17,822	17,965	19,926	20,352	20,047	19,888	19,535	18,520	182
All Ages	6,539	22,491	22,420	22,643	24,978	25,407	25,148	25,001	24,506	22,904	347
Esophagus											
<45	49	78	71	77	84	75	80	67	61	55	*****
45-64	713	1,347	1,247	1,311	1,329	1,463	1,355	1,357	1,361	1,238	*****
65+	902	4,237	4,307	4,487	5,339	5,807	5,793	5,828	6,132	5,794	57
All Ages	1,664	5,662	5,625	5,875	6,752	7,345	7,228	7,252	7,554	7,087	93
Kidney or Pelvis											
<45	312	447	429	450	470	490	470	419	504	458	14
45-64	1,817	2,931	3,016	2,948	3,268	3,435	3,563	3,563	3,527	3,215	107
65+	1,718	8,869	9,299	9,718	11,585	12,080	12,437	12,704	12,899	12,635	124
All Ages	3,847	12,247	12,744	13,116	15,323	16,005	16,470	16,686	16,930	16,308	245
Leukemia											
<45	622	752	740	724	716	767	742	705	691	614	20
45-64	1,221	2,070	2,010	2,025	2,088	2,185	2,078	2,132	2,029	1,995	59
65+	1,548	8,172	8,715	9,155	10,574	11,154	11,533	11,669	12,162	11,560	122
All Ages	3,391	10,994	11,465	11,904	13,378	14,106	14,353	14,506	14,882	14,169	201

Table 1b.2. Annual Number of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Liver and Intrahepatic Bile Duct											
<45	77	119	118	105	106	123	125	110	144	109	*****
45-64	926	2,125	2,198	2,300	2,497	2,461	2,463	2,307	2,137	1,799	*****
65+	679	4,174	4,448	4,837	5,520	6,248	7,063	7,268	7,484	7,356	72
All Ages	1,682	6,418	6,764	7,242	8,123	8,832	9,651	9,685	9,765	9,264	118
Lung and Bronchus											
<45	203	341	284	272	242	246	232	225	224	185	*****
45-64	3,270	6,717	6,698	6,676	7,104	7,104	6,927	6,729	6,388	5,702	140
65+	6,033	31,093	32,322	32,890	36,842	37,555	37,660	37,986	37,178	35,575	345
All Ages	9,506	38,151	39,304	39,838	44,188	44,905	44,819	44,940	43,790	41,462	*****
Melanoma											
<45	907	971	890	893	989	989	1,070	1,058	1,046	1,030	37
45-64	3,913	4,588	4,661	4,769	5,286	5,778	6,145	6,254	6,209	5,879	218
65+	3,837	17,042	18,854	20,877	26,327	29,508	32,274	34,062	35,405	35,025	317
All Ages	8,657	22,601	24,405	26,539	32,602	36,275	39,489	41,374	42,660	41,934	572
Non-Hodgkin's Lymphoma											
<45	912	1,179	1,082	985	1,027	1,040	937	921	917	773	45
45-64	2,233	3,414	3,386	3,338	3,663	3,618	3,374	3,385	3,237	3,003	91
65+	2,253	11,264	11,635	11,807	14,049	14,610	14,587	15,263	15,269	15,108	174
All Ages	5,398	15,857	16,103	16,130	18,739	19,268	18,898	19,569	19,423	18,884	310
Other Endocrine											
<45	159	203	164	160	176	147	155	145	132	104	*****
45-64	207	349	318	331	286	287	267	237	206	162	*****
65+	147	718	707	649	802	716	773	731	696	580	*****
All Ages	513	1,270	1,189	1,140	1,264	1,150	1,195	1,113	1,034	846	22
Pancreas											
<45	83	118	125	134	99	96	99	95	103	79	*****
45-64	878	1,477	1,510	1,487	1,621	1,626	1,701	1,646	1,680	1,583	*****
65+	1,243	6,052	6,295	6,880	7,899	8,110	8,727	8,967	9,340	8,888	83
All Ages	2,204	7,647	7,930	8,501	9,619	9,832	10,527	10,708	11,123	10,550	132

Table 1b.2. Annual Number of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Prostate⁴											
<45	205	241	250	191	172	165	139	149	149	136	*****
45-64	12,693	16,208	13,952	13,307	13,508	14,466	15,032	16,044	15,855	14,995	*****
65+	16,236	75,537	70,952	72,506	80,612	87,457	92,033	95,528	97,891	95,253	1,088
All Ages	29,134	91,986	85,154	86,004	94,292	102,088	107,204	111,721	113,895	110,384	1,655
Rectum											
<45	215	321	279	276	297	313	276	304	307	297	14
45-64	1,605	2,469	2,320	2,311	2,405	2,373	2,358	2,372	2,353	2,137	91
65+	1,651	7,542	7,421	7,144	7,544	7,567	7,012	6,979	7,007	6,773	71
All Ages	3,471	10,332	10,020	9,731	10,246	10,253	9,646	9,655	9,667	9,207	176
Thyroid											
<45	427	524	511	491	621	594	573	628	599	535	31
45-64	862	1,088	1,097	1,115	1,219	1,309	1,317	1,282	1,217	1,192	40
65+	341	1,638	1,713	1,822	2,346	2,388	2,559	2,497	2,687	2,652	28
All Ages	1,630	3,250	3,321	3,428	4,186	4,291	4,449	4,407	4,503	4,379	99
Urinary Tract or Bladder											
<45	159	212	213	166	214	202	215	200	179	164	*****
45-64	1,991	2,925	2,907	2,801	3,008	3,114	3,015	2,910	2,736	2,537	*****
65+	4,419	20,646	21,925	22,488	25,356	26,043	26,557	26,902	26,681	25,538	288
All Ages	6,569	23,783	25,045	25,455	28,578	29,359	29,787	30,012	29,596	28,239	362
Uterus³											
<45	0	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0	0

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through cells presented.

¹In leap years of 2000, 2004, 2008, 2012, and 2016, members have an additional day in the year that would qualify them as eligible.

²Aggregated numbers represent the sums of patients with at least one of the incident site-specific cancers, and is not the sum of patients across all incident cancers sites; that is, each cancer patient is only counted once in the aggregated sums.

³Members eligible for this cancer type were restricted to those with a value for sex as female, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

⁴Members eligible for this cancer type were restricted to those with a value for sex as male, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

Table 1c.1. Annual Number of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Number of Data Partners	7	7	7	7	8	9	10	11	13	13
Any Cancer Site										
Two-Month Definition										
<45	0	1,113	1,073	1,060	1,103	1,166	1,446	4,727	4,982	10,894
45-64	*****	3,896	4,352	4,379	4,310	5,089	5,021	17,097	18,992	38,225
65+	*****	4,787	4,947	5,137	4,999	5,837	4,585	12,501	18,158	29,684
All Ages ²	*****	9,796	10,372	10,576	10,412	12,092	11,052	34,325	42,132	78,803
Three-Month Definition										
<45	0	1,157	1,120	1,101	1,129	1,199	1,499	4,877	5,138	11,182
45-64	*****	4,054	4,485	4,538	4,458	5,294	5,184	17,618	19,545	39,212
65+	*****	4,981	5,169	5,393	5,236	6,147	4,760	12,978	18,860	30,770
All Ages ²	*****	10,192	10,774	11,032	10,823	12,640	11,443	35,473	43,543	81,164
Six-Month Definition										
<45	0	1,245	1,215	1,186	1,221	1,290	1,592	5,222	5,494	11,985
45-64	*****	4,464	4,936	4,945	4,877	5,770	5,532	18,997	20,949	42,059
65+	*****	5,529	5,754	6,025	5,831	6,902	5,195	14,293	20,718	33,772
All Ages ²	*****	11,238	11,905	12,156	11,929	13,962	12,319	38,512	47,161	87,816
Site Specific Cancer (Two-Month Definition)										
Anus										
<45	0	*****	*****	*****	*****	*****	*****	24	30	50
45-64	0	*****	*****	45	40	57	55	166	189	404
65+	0	36	31	*****	*****	*****	*****	122	152	277
All Ages	0	69	61	84	78	106	87	312	371	731
Breast (Female)³										
<45	0	426	407	393	415	444	708	1,706	1,791	3,789
45-64	0	1,993	2,307	2,221	2,230	2,666	2,663	8,738	9,609	19,194
65+	*****	2,007	2,026	2,050	1,919	2,383	1,976	5,359	7,512	12,324
All Ages	*****	4,426	4,740	4,664	4,564	5,493	5,347	15,803	18,912	35,307
Breast (Male)⁴										
<45	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0
Cervix³										
<45	0	95	107	102	89	84	98	261	271	594
45-64	0	108	85	92	102	85	99	381	418	928
65+	0	65	72	51	56	51	33	156	245	368
All Ages	0	268	264	245	247	220	230	798	934	1,890
Colon										
<45	0	43	44	49	42	54	51	187	231	430
45-64	0	271	298	302	305	353	353	1,230	1,405	2,507
65+	*****	614	687	708	673	794	638	1,549	2,486	3,776
All Ages	*****	928	1,029	1,059	1,020	1,201	1,042	2,966	4,122	6,713

Table 1c.1. Annual Number of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Esophagus										
<45	0	*****	*****	*****	*****	*****	*****	21	20	27
45-64	0	*****	*****	*****	*****	*****	35	77	103	203
65+	0	54	47	43	41	46	*****	112	190	259
All Ages	0	80	81	75	68	71	72	210	313	489
Kidney or Pelvis										
<45	0	23	25	34	23	29	38	148	114	269
45-64	0	84	97	131	84	113	120	536	557	1,150
65+	0	133	107	125	137	151	122	442	656	1,079
All Ages	0	240	229	290	244	293	280	1,126	1,327	2,498
Leukemia										
<45	0	76	76	56	77	70	75	224	275	534
45-64	0	100	102	104	110	112	118	381	514	923
65+	*****	143	140	205	194	188	147	455	711	1,181
All Ages	*****	319	318	365	381	370	340	1,060	1,500	2,638
Liver and Intrahepatic Bile Duct										
<45	0	11	*****	11	*****	14	*****	34	31	90
45-64	0	31	*****	39	*****	59	*****	170	206	405
65+	0	61	53	59	78	67	62	154	241	461
All Ages	0	103	95	109	123	140	124	358	478	956
Lung and Bronchus										
<45	0	64	49	60	58	43	54	249	174	290
45-64	*****	536	598	588	556	604	541	1,768	1,773	3,375
65+	*****	866	934	1,045	1,038	1,138	835	2,268	3,318	5,452
All Ages	*****	1,466	1,581	1,693	1,652	1,785	1,430	4,285	5,265	9,117
Melanoma										
<45	0	121	137	136	135	144	116	722	764	1,758
45-64	0	232	233	234	249	259	303	1,371	1,525	3,450
65+	0	158	223	215	201	240	190	707	1,101	2,020
All Ages	0	511	593	585	585	643	609	2,800	3,390	7,228
Non-Hodgkin's Lymphoma										
<45	0	78	61	63	75	70	92	336	362	807
45-64	0	185	218	201	226	237	209	827	914	1,919
65+	0	283	308	338	341	385	296	789	1,253	2,125
All Ages	0	546	587	602	642	692	597	1,952	2,529	4,851
Other Endocrine										
<45	0	78	79	68	96	83	77	305	375	782
45-64	0	420	385	385	390	544	471	1,868	2,096	4,044
65+	0	360	367	358	369	442	382	1,111	1,611	2,666
All Ages	0	858	831	811	855	1,069	930	3,284	4,082	7,492

Table 1c.1. Annual Number of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Pancreas										
<45	0	*****	*****	*****	*****	12	19	41	51	87
45-64	0	*****	*****	*****	*****	88	98	283	401	747
65+	*****	174	173	175	186	209	171	478	695	1,245
All Ages	*****	242	251	266	280	309	288	802	1,147	2,079
Prostate⁴										
<45	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0
Rectum										
<45	0	35	30	28	20	33	32	117	120	256
45-64	0	124	136	143	148	151	130	725	749	1,428
65+	0	207	221	240	236	238	141	652	1,016	1,607
All Ages	0	366	387	411	404	422	303	1,494	1,885	3,291
Thyroid										
<45	0	116	126	109	123	148	159	755	824	1,991
45-64	0	97	114	153	121	205	182	965	1,161	2,707
65+	0	39	55	51	52	78	60	233	411	613
All Ages	0	252	295	313	296	431	401	1,953	2,396	5,311
Urinary Tract or Bladder										
<45	0	15	11	13	14	*****	*****	38	43	95
45-64	0	74	92	93	60	*****	*****	325	395	766
65+	0	214	212	206	221	244	163	614	798	1,395
All Ages	0	303	315	312	295	328	263	977	1,236	2,256
Uterus³										
<45	0	45	56	47	67	46	43	167	205	425
45-64	0	330	309	333	329	455	405	1,411	1,575	3,070
65+	0	268	297	289	311	343	304	791	1,139	1,886
All Ages	0	643	662	669	707	844	752	2,369	2,919	5,381

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through cells presented.

¹In leap years of 2000, 2004, 2008, 2012, and 2016, members have an additional day in the year that would qualify them as eligible.

²Aggregated numbers represent the sums of patients with at least one of the incident site-specific cancers, and is not the sum of patients across all incident cancers sites; that is, each cancer patient is only counted once in the aggregated sums.

³Members eligible for this cancer type were restricted to those with a value for sex as female, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

⁴Members eligible for this cancer type were restricted to those with a value for sex as male, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

Table 1c.2. Annual Number of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Number of Data Partners	13	14	14	14	14	14	14	14	12	9	2
Any Cancer Site											
Two-Month Definition											
<45	10,149	11,457	11,150	10,930	11,397	11,559	11,713	11,728	11,244	10,431	*****
45-64	36,080	51,419	50,540	50,068	53,576	55,294	55,494	55,697	52,813	48,898	1,644
65+	29,290	173,297	177,503	181,763	201,136	206,689	210,737	211,970	215,832	205,768	1,958
All Ages ²	75,519	236,173	239,193	242,761	266,109	273,542	277,944	279,395	279,889	265,097	*****
Three-Month Definition											
<45	10,418	11,789	11,494	11,197	11,754	11,896	12,085	12,031	11,595	10,697	*****
45-64	37,018	52,955	52,043	51,448	55,053	56,877	57,107	57,104	54,272	50,011	1,645
65+	30,235	179,716	184,064	188,059	207,961	213,407	217,120	218,322	221,894	210,536	1,961
All Ages ²	77,671	244,460	247,601	250,704	274,768	282,180	286,312	287,457	287,761	271,244	*****
Six-Month Definition											
<45	11,096	12,581	12,246	11,950	12,488	12,693	12,786	12,748	12,249	11,114	*****
45-64	39,599	56,967	55,865	54,902	58,763	60,648	60,884	60,755	57,777	51,998	1,635
65+	32,824	197,432	202,421	205,403	227,006	231,297	234,570	235,057	238,372	218,630	1,946
All Ages ²	83,519	266,980	270,532	272,255	298,257	304,638	308,240	308,560	308,398	281,742	*****
Site Specific Cancer (Two-Month Definition)											
Anus											
<45	44	65	63	70	78	68	68	60	66	70	*****
45-64	401	608	649	675	759	696	704	695	783	712	*****
65+	276	1,582	1,680	1,672	1,971	1,862	1,960	1,935	2,315	2,490	26
All Ages	721	2,255	2,392	2,417	2,808	2,626	2,732	2,690	3,164	3,272	47
Breast (Female)³											
<45	3,581	3,881	3,759	3,654	3,914	3,833	3,789	3,903	3,833	3,584	*****
45-64	17,747	23,244	22,565	22,512	23,631	24,317	23,758	23,988	22,596	20,952	829
65+	12,034	65,539	67,789	70,140	77,763	80,857	80,781	81,463	83,658	79,956	817
All Ages	33,362	92,664	94,113	96,306	105,308	109,007	108,328	109,354	110,087	104,492	*****

Table 1c.2. Annual Number of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Breast (Male)⁴											
<45	0	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0	0
Cervix³											
<45	541	638	646	627	630	662	680	711	571	560	22
45-64	815	1,390	1,414	1,351	1,418	1,477	1,420	1,431	1,344	1,265	31
65+	354	2,756	2,879	2,687	3,076	3,047	2,976	3,006	3,015	2,764	28
All Ages	1,710	4,784	4,939	4,665	5,124	5,186	5,076	5,148	4,930	4,589	81
Colon											
<45	392	491	483	495	495	490	544	490	465	417	*****
45-64	2,364	3,732	3,689	3,659	3,803	3,820	3,853	3,712	3,812	3,323	98
65+	3,523	23,915	23,381	23,090	24,672	24,510	23,945	23,606	23,175	21,474	185
All Ages	6,279	28,138	27,553	27,244	28,970	28,820	28,342	27,808	27,452	25,214	*****
Esophagus											
<45	19	38	38	29	27	29	30	24	25	22	0
45-64	181	383	358	383	413	433	442	366	370	354	*****
65+	275	1,899	1,910	1,872	2,096	2,328	2,170	2,000	2,091	2,084	*****
All Ages	475	2,320	2,306	2,284	2,536	2,790	2,642	2,390	2,486	2,460	23
Kidney or Pelvis											
<45	213	274	347	300	348	381	368	350	320	294	*****
45-64	1,058	1,995	1,840	1,792	1,991	1,970	2,089	2,120	1,973	1,738	*****
65+	1,099	7,574	7,763	7,640	8,430	8,973	8,990	8,988	9,094	8,603	73
All Ages	2,370	9,843	9,950	9,732	10,769	11,324	11,447	11,458	11,387	10,635	135
Leukemia											
<45	529	684	632	612	648	658	655	601	588	523	18
45-64	870	1,589	1,507	1,550	1,657	1,603	1,616	1,671	1,510	1,523	32
65+	1,208	8,609	8,596	8,483	9,482	9,672	9,751	9,901	9,805	9,554	75
All Ages	2,607	10,882	10,735	10,645	11,787	11,933	12,022	12,173	11,903	11,600	125

Table 1c.2. Annual Number of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Liver and Intrahepatic Bile Duct											
<45	67	95	99	93	84	125	110	94	115	85	*****
45-64	420	908	949	952	1,081	1,065	1,066	1,094	916	860	*****
65+	466	3,568	3,807	3,857	4,371	4,548	4,967	5,013	4,986	5,096	26
All Ages	953	4,571	4,855	4,902	5,536	5,738	6,143	6,201	6,017	6,041	44
Lung and Bronchus											
<45	241	371	327	322	316	305	324	308	256	225	*****
45-64	3,115	6,468	6,559	6,254	6,653	6,764	7,045	6,836	6,441	5,982	126
65+	5,417	34,835	35,904	36,517	39,757	40,460	40,541	40,960	41,027	39,082	341
All Ages	8,773	41,674	42,790	43,093	46,726	47,529	47,910	48,104	47,724	45,289	*****
Melanoma											
<45	1,619	1,606	1,576	1,581	1,631	1,694	1,829	1,910	1,907	1,829	58
45-64	3,424	3,991	4,153	4,063	4,613	5,175	5,454	5,682	5,529	5,533	193
65+	2,057	11,993	12,684	13,927	16,523	18,380	20,101	20,956	22,642	22,817	178
All Ages	7,100	17,590	18,413	19,571	22,767	25,249	27,384	28,548	30,078	30,179	429
Non-Hodgkin's Lymphoma											
<45	754	950	902	833	838	788	761	739	710	643	25
45-64	1,752	2,900	2,803	2,738	2,892	2,916	2,864	2,841	2,670	2,520	58
65+	2,002	12,692	13,019	13,102	14,467	14,632	14,384	14,584	14,695	14,169	136
All Ages	4,508	16,542	16,724	16,673	18,197	18,336	18,009	18,164	18,075	17,332	219
Other Endocrine											
<45	708	850	843	812	815	836	819	813	806	702	21
45-64	3,885	5,800	5,620	5,457	6,041	6,191	6,169	6,332	5,926	5,207	160
65+	2,621	15,569	15,920	16,176	18,163	18,576	19,907	19,803	20,359	18,763	194
All Ages	7,214	22,219	22,383	22,445	25,019	25,603	26,895	26,948	27,091	24,672	375
Pancreas											
<45	81	124	112	107	116	81	108	101	126	101	*****
45-64	729	1,215	1,234	1,282	1,379	1,308	1,361	1,423	1,385	1,296	39
65+	1,217	8,064	8,257	8,566	9,374	9,437	9,732	9,952	10,214	9,787	93
All Ages	2,027	9,403	9,603	9,955	10,869	10,826	11,201	11,476	11,725	11,184	*****

Table 1c.2. Annual Number of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹											
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Prostate⁴												
<45	0	0	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0	0	0
Rectum												
<45	220	278	263	235	285	241	258	256	229	226	****	****
45-64	1,305	1,890	1,819	1,801	1,843	1,896	1,838	1,734	1,763	1,657	****	****
65+	1,430	8,810	8,026	7,508	7,691	7,383	6,629	6,334	6,455	6,167	46	46
All Ages	2,955	10,978	10,108	9,544	9,819	9,520	8,725	8,324	8,447	8,050	87	87
Thyroid												
<45	1,928	2,092	2,053	2,035	2,193	2,311	2,294	2,213	2,069	1,899	93	93
45-64	2,695	3,314	3,371	3,395	3,614	3,785	3,798	3,738	3,403	3,243	107	107
65+	679	4,086	4,436	4,740	5,127	5,598	5,748	5,831	6,078	5,736	45	45
All Ages	5,302	9,492	9,860	10,170	10,934	11,694	11,840	11,782	11,550	10,878	245	245
Urinary Tract or Bladder												
<45	87	128	129	113	113	99	110	93	96	82	****	****
45-64	691	1,226	1,199	1,153	1,216	1,128	1,137	1,144	1,072	957	****	****
65+	1,406	9,241	9,239	9,292	10,172	9,902	9,993	9,776	9,862	9,308	90	90
All Ages	2,184	10,595	10,567	10,558	11,501	11,129	11,240	11,013	11,030	10,347	126	126
Uterus³												
<45	415	486	523	538	557	569	571	591	598	536	18	18
45-64	3,007	4,344	4,273	4,320	4,805	5,035	5,033	5,231	4,909	4,455	150	150
65+	1,966	10,672	11,169	11,729	13,438	14,187	15,581	15,686	16,380	15,882	180	180
All Ages	5,388	15,502	15,965	16,587	18,800	19,791	21,185	21,508	21,887	20,873	348	348

****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through cells presented.

¹In leap years of 2000, 2004, 2008, 2012, and 2016, members have an additional day in the year that would qualify them as eligible.

Aggregated numbers represent the sums of patients with at least one of the incident site-specific cancers, and is not the sum of patients across all incident cancers sites; that is, each cancer patient is only counted once in the aggregated sums.

³Members eligible for this cancer type were restricted to those with a value for sex as female, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

⁴Members eligible for this cancer type were restricted to those with a value for sex as male, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

Table 1d.1. Annual Ratio of New Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Number of Data Partners	7	7	7	7	8	9	10	11	13	13
Any Cancer Site										
Two-Month Definition										
<45	0	4.9	4.6	4.6	4.4	4.8	6.2	6.7	3.3	7
45-64	0	57.7	59	58.9	50.6	57.8	59.5	65.5	33.6	65.8
65+	0.1	163.7	160.7	164.5	153.3	170.9	172.7	191.9	121.4	200.1
All Ages ²	0	37.8	37.9	39.3	35.3	40.1	38.1	40.9	23.4	42.8
Three-Month Definition										
<45	0	5.1	4.8	4.8	4.5	4.9	6.4	6.9	3.4	7.2
45-64	0	60.2	61.3	61.4	52.6	60.3	61.9	67.7	34.7	67.6
65+	0.1	172.7	169.5	175.3	161.7	181	182.1	200.6	126.8	208.3
All Ages ²	0	39.7	39.7	41.4	37	42.2	39.8	42.4	24.2	44.3
Six-Month Definition										
<45	0	5.5	5.2	5.2	4.8	5.3	6.8	7.5	3.7	7.7
45-64	0	65.4	66.8	66.4	57	65.4	66.1	72.5	37	72.3
65+	0.1	194.2	191.3	199.2	181.5	204.6	201.8	221.2	140.1	230.6
All Ages ²	0	43.9	44.1	46.1	40.8	46.6	43.2	46	26.3	48
Site Specific Cancer (Two-Month Definition)										
Anus										
<45	0	0.1	0	0	0	0.1	0	0.1	0	0
45-64	0	0.4	0.4	0.6	0.5	0.6	0.5	0.6	0.3	0.7
65+	0	0.8	0.8	0.8	0.7	0.9	0.8	1.3	0.7	1.4
All Ages	0	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.4
Breast (Female)³										
<45	0	2.6	2.4	2.3	2.2	2.4	3.8	3.3	1.6	3.4
45-64	0	30.6	33.6	31.4	27.1	31.9	32.4	34.4	17.7	34.3
65+	0	55.3	53.2	52.2	45.6	56.5	58.9	64.6	39.8	64.6
All Ages	0	16.9	17.4	17.1	15	18.2	17.9	19	10.5	19.2
Breast (Male)⁴										
<45	0	0	0	0	0	0	0	0	0	0
45-64	0	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2
65+	0	0.2	0.6	0.4	0.4	0.5	0.6	0.9	0.4	0.7
All Ages	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Cervix³										
<45	0	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.2	0.5
45-64	0	1.6	1.2	1.3	1.2	1	1.2	1.5	0.8	1.6
65+	0	1.8	1.8	1.3	1.3	1.2	0.9	1.8	1.2	1.9
All Ages	0	1	1	0.9	0.8	0.7	0.8	0.9	0.5	1
Colon										
<45	0	0.3	0.2	0.2	0.2	0.3	0.2	0.4	0.2	0.4
45-64	0	4.7	4.8	4.5	4.1	4.6	4.7	5.2	2.7	4.8
65+	0	18.6	19	19.3	17.3	19.7	19.6	20	13.4	21
All Ages	0	3.7	3.8	3.9	3.5	4	3.6	3.7	2.3	3.8

Table 1d.1. Annual Ratio of New Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Esophagus										
<45	0	0	0	0	0	0	0.1	0.1	0	0
45-64	0	0.9	0.9	1	0.8	0.8	0.9	0.8	0.5	0.9
65+	0	3	2.7	2.4	2.6	2.7	2.5	2.9	2	3.2
All Ages	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.3	0.6
Kidney or Pelvis										
<45	0	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.1	0.3
45-64	0	1.7	1.8	2.2	1.6	2.1	2.2	2.9	1.3	2.9
65+	0	4.5	3.9	4.4	4.6	5.4	5.4	7.2	4.5	7.8
All Ages	0	1.1	1.1	1.3	1.1	1.4	1.3	1.8	0.9	1.8
Leukemia										
<45	0	0.5	0.5	0.4	0.4	0.5	0.4	0.5	0.3	0.5
45-64	0	1.7	1.7	1.7	1.4	1.5	1.7	1.9	1.1	2
65+	0	5	5	5.9	5.6	5.7	5.7	7.1	4.6	7.8
All Ages	0	1.4	1.4	1.5	1.4	1.5	1.4	1.6	1	1.7
Liver and Intrahepatic Bile Duct										
<45	0	0.1	0	0.1	0.1	0.1	0.1	0.1	0	0.1
45-64	0	0.9	1	1	1.1	1.1	1.1	1.1	0.6	1.2
65+	0	2.2	1.9	2	2.1	2.3	2.5	2.7	1.8	3.3
All Ages	0	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.4	0.7
Lung and Bronchus										
<45	0	0.4	0.2	0.3	0.2	0.2	0.2	0.5	0.1	0.2
45-64	0	9.2	9.4	9	7.2	7.5	6.9	7.1	3.4	6.1
65+	0.1	29.6	30.5	31.4	29.1	31.9	27.4	30	19.2	32.6
All Ages	0	6.3	6.5	6.7	5.9	6.4	5.1	5.3	3	5.2
Melanoma										
<45	0	0.6	0.7	0.6	0.6	0.7	0.5	1.2	0.6	1.3
45-64	0	4.1	3.9	3.7	3.3	3.9	4.1	5.8	3	6.6
65+	0	7	8	8	7.3	8.4	7.7	12.3	8.5	15.7
All Ages	0	2.3	2.4	2.4	2.2	2.6	2.3	3.7	2.1	4.4
Non-Hodgkin's Lymphoma										
<45	0	0.6	0.5	0.5	0.5	0.5	0.5	0.7	0.4	0.8
45-64	0	3.3	3.3	3.2	3	3.1	3.3	3.6	1.9	3.9
65+	0	8.8	8.8	9.1	8.9	10	10	11.1	7.2	12.5
All Ages	0	2.3	2.3	2.3	2.3	2.5	2.3	2.6	1.5	2.9
Other Endocrine										
<45	0	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.2	0.4
45-64	0	3.5	3	3	2.6	3.5	3.1	4	2.1	3.9
65+	0	5.9	5.7	5.3	5.2	6.2	6.4	7.6	4.8	7.8
All Ages	0	1.8	1.7	1.7	1.6	2	1.7	2.2	1.2	2.2

Table 1d.1. Annual Ratio of New Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Pancreas										
<45	0	0	0	0	0	0.1	0.1	0.1	0	0.1
45-64	0	1.1	1.3	1.3	1.2	1.3	1.3	1.3	0.8	1.5
65+	0	4.7	4.8	4.6	4.6	5.2	5.4	6	3.8	6.6
All Ages	0	0.9	1	1	0.9	1.1	1	1	0.7	1.2
Prostate⁴										
<45	0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
45-64	0	19.5	19.2	20.9	18	19.7	23.1	26.5	13	25.7
65+	0	88.7	84.3	90.7	82.2	86.5	96.4	111.9	67.3	110.7
All Ages	0	14.8	14.3	16	14.1	15.3	15.9	17.2	9.8	17.5
Rectum										
<45	0	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.2
45-64	0	2.5	2.3	2.4	2.2	2.3	1.9	3.2	1.6	2.9
65+	0	7.1	6.9	7.3	6.2	6.5	5.3	9	5.8	9.5
All Ages	0	1.6	1.6	1.7	1.5	1.6	1.2	2	1.1	2
Thyroid										
<45	0	0.4	0.5	0.4	0.4	0.5	0.5	0.9	0.5	1.1
45-64	0	1.1	1.1	1.5	1.1	1.8	1.6	2.6	1.5	3.3
65+	0	0.9	1.1	1.1	1.2	1.6	1.5	2.2	1.7	2.7
All Ages	0	0.7	0.7	0.8	0.7	1	1	1.6	0.9	2
Urinary Tract or Bladder										
<45	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
45-64	0	2.4	2.5	2.4	1.8	2.1	2.2	2.5	1.3	2.6
65+	0	13.1	12.3	12.1	11.8	12.1	12.6	15.6	9.4	16.3
All Ages	0	2.3	2.3	2.3	2.1	2.2	2	2.3	1.4	2.5
Uterus³										
<45	0	0.3	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.4
45-64	0	5	4.4	4.6	3.9	5.4	4.8	5.5	2.8	5.4
65+	0	7.2	7.6	7.2	7.2	7.9	8.8	9.2	5.8	9.5
All Ages	0	2.4	2.4	2.4	2.3	2.8	2.5	2.8	1.6	2.9

¹In leap years of 2000, 2004, 2008, 2012, and 2016, members have an additional day in the year that would qualify them as eligible.

²Aggregated numbers represent the sums of patients with at least one of the incident site-specific cancers, and is not the sum of patients across all incident cancers sites; that is, each cancer patient is only counted once in the aggregated sums.

³Members eligible for this cancer type were restricted to those with a value for sex as female, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

⁴Members eligible for this cancer type were restricted to those with a value for sex as male, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

Table 1d.2. Annual Ratio of New Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Number of Data Partners	13	14	14	14	14	14	14	14	12	9	2
Any Cancer Site											
Two-Month Definition											
<45	6.9	7.9	7.3	7.7	7.5	7.3	6.4	6.9	7.3	7	0.7
45-64	64.3	74.3	69	72.5	71.7	71.4	63.5	69.9	70.1	68	6.5
65+	197.9	227.7	204.7	215.2	212.2	212.1	197.8	206.6	205.5	195.9	21.9
All Ages ²	42.9	93.6	87.5	94.5	95.4	95.4	86.5	94	97.5	94.9	5.2
Three-Month Definition											
<45	7.1	8.2	7.5	7.9	7.7	7.5	6.6	7.1	7.5	7.2	0.7
45-64	66.2	76.7	71.2	74.8	73.9	73.6	65.5	71.9	72.1	69.7	6.5
65+	205.8	237.2	213.2	223.8	220.5	220.1	204.9	213.9	212.5	201.4	22
All Ages ²	44.3	97.3	90.9	98	98.9	98.8	89.5	97.1	100.7	97.5	5.2
Six-Month Definition											
<45	7.5	8.8	8	8.5	8.3	8	7	7.6	8	7.5	0.7
45-64	70.6	82.2	76.2	79.8	78.9	78.4	69.7	76.4	76.6	72.4	6.5
65+	225.7	262	235.9	246.1	242.4	240.4	223.1	232	229.7	210.6	21.9
All Ages ²	47.9	106.6	99.7	107	107.9	107.2	96.8	104.6	108.2	101.6	5.2
Site Specific Cancer (Two-Month Definition)											
Anus											
<45	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
45-64	0.7	0.9	0.9	1	1	0.9	0.8	0.8	1	0.9	0.1
65+	1.4	1.6	1.5	1.6	1.6	1.5	1.3	1.3	1.6	1.7	0.2
All Ages	0.4	0.8	0.8	0.8	0.9	0.8	0.7	0.7	0.9	0.9	0.1
Breast (Female)³											
<45	3.4	3.6	3.4	3.6	3.6	3.3	2.9	3.3	3.5	3.4	0.4
45-64	32.7	34.3	32	33.9	33.2	32.8	28.2	31.1	30.8	29.9	3.3
65+	63.7	67.9	62.9	66.6	65.6	65.6	59.8	61.9	62.3	59.2	7
All Ages	19	34.7	33	35.7	35.7	35.5	31.3	33.8	35.1	34.1	2.3

Table 1d.2. Annual Ratio of New Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Breast (Male)⁴											
<45	0	0	0	0	0	0	0	0	0	0	0
45-64	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0
65+	0.8	1	0.9	1	1	0.9	0.8	0.9	0.9	0.9	0.1
All Ages	0.2	0.3	0.3	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0
Cervix³											
<45	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.5	0.5	0.1
45-64	1.5	2	2	2	2	1.9	1.6	1.8	1.8	1.8	0.1
65+	1.8	2.8	2.6	2.4	2.5	2.4	2.1	2.2	2.1	1.9	0.2
All Ages	1	1.8	1.7	1.7	1.7	1.7	1.4	1.6	1.5	1.5	0.1
Colon											
<45	0.4	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0
45-64	4.7	6	5.6	6	5.9	5.7	5.1	5.4	5.6	5.2	0.5
65+	19.7	25.7	22.4	22.8	21.6	20.7	18.3	18.6	17.8	16.4	1.6
All Ages	3.7	10.1	9.3	9.8	9.6	9.3	8.1	8.5	8.6	8.1	0.4
Esophagus											
<45	0	0.1	0	0.1	0.1	0	0	0	0	0	0
45-64	0.8	1.3	1.1	1.3	1.2	1.3	1.1	1.1	1.2	1.1	0.1
65+	3.3	3.8	3.4	3.5	3.6	3.7	3.3	3.3	3.4	3.2	0.3
All Ages	0.6	1.6	1.5	1.6	1.7	1.7	1.5	1.6	1.7	1.6	0.1
Kidney or Pelvis											
<45	0.2	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.4	0.3	0
45-64	2.7	3.7	3.5	3.6	3.7	3.7	3.4	3.7	3.7	3.5	0.3
65+	7.9	10.1	9.2	9.6	9.7	9.7	8.9	9.2	9.1	8.7	0.9
All Ages	1.8	4.4	4.2	4.5	4.6	4.7	4.2	4.5	4.7	4.6	0.2
Leukemia											
<45	0.5	0.7	0.6	0.7	0.6	0.6	0.5	0.5	0.6	0.5	0
45-64	2	2.7	2.5	2.7	2.6	2.6	2.2	2.5	2.4	2.5	0.2
65+	7.7	10.3	9.4	9.7	9.7	9.6	8.8	9.2	9.1	8.6	0.9
All Ages	1.7	4.4	4.1	4.4	4.5	4.4	4	4.3	4.4	4.4	0.2

Table 1d.2. Annual Ratio of New Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Liver and Intrahepatic Bile Duct											
<45	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
45-64	1.3	2.3	2.3	2.5	2.5	2.4	2.1	2.2	2.1	1.9	0.1
65+	3.2	4.7	4.5	4.8	4.8	4.9	5	5.2	5.1	5.1	0.4
All Ages	0.8	2.2	2.2	2.4	2.4	2.5	2.4	2.6	2.6	2.6	0.1
Lung and Bronchus											
<45	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0
45-64	6	9.9	9.5	9.8	9.7	9.4	8.3	8.8	8.7	8.3	0.5
65+	32.1	40.7	37.1	38.5	37.1	36	32.6	33.7	32.5	30.7	3.1
All Ages	5.3	16	15.3	16.3	16.2	15.8	14	15	15.2	14.7	0.6
Melanoma											
<45	1.2	1.2	1.1	1.2	1.2	1.2	1.1	1.2	1.3	1.3	0.1
45-64	6.9	6.4	6.3	6.7	7	7.4	6.9	7.8	8	8.1	0.8
65+	16.5	17.8	17.1	19.2	20.7	22.1	21.8	23.5	24.2	23.8	2.2
All Ages	4.6	8	7.9	9.1	9.9	10.5	10.1	11.3	12.1	12.2	0.6
Non-Hodgkin's Lymphoma											
<45	0.8	1	0.9	0.9	0.8	0.8	0.6	0.7	0.7	0.7	0.1
45-64	3.7	4.7	4.4	4.6	4.6	4.4	3.7	4.1	4	3.9	0.3
65+	11.9	14.8	13.4	13.8	13.8	13.5	12.1	12.7	12.4	12	1.4
All Ages	2.9	6.5	6.1	6.4	6.6	6.4	5.6	6.1	6.2	6.1	0.3
Other Endocrine											
<45	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0
45-64	3.8	4.6	4.3	4.4	4.5	4.4	3.8	4.3	4.2	3.8	0.3
65+	7.7	10	9	9.3	9.1	8.9	8.6	8.7	8.7	7.9	0.9
All Ages	2.2	4.7	4.4	4.6	4.7	4.6	4.2	4.5	4.7	4.3	0.2
Pancreas											
<45	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
45-64	1.5	2	2	2.1	2.1	2	1.8	2	2.1	2	0.2
65+	6.9	8.7	7.9	8.5	8.3	8	7.6	8	8.1	7.6	0.8
All Ages	1.2	3.4	3.2	3.6	3.6	3.5	3.3	3.6	3.8	3.7	0.2

Table 1d.2. Annual Ratio of New Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Prostate⁴											
<45	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0
45-64	24.9	25.4	20.9	21	19.7	20.3	18.6	21.6	22.2	21.9	2.3
65+	107.5	129.3	105	108.8	103.5	105.9	99.1	105.1	104.6	100.2	11.7
All Ages	17.4	41	35.2	37.6	37.2	38.5	35.6	39.6	41.6	41.1	2.1
Rectum											
<45	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0
45-64	2.7	3.3	3	3.1	3	2.9	2.5	2.7	2.8	2.7	0.2
65+	8.6	10	8.4	8.1	7.3	6.9	5.7	5.6	5.6	5.3	0.5
All Ages	1.9	4.3	3.7	3.8	3.6	3.4	2.8	2.9	3	2.9	0.2
Thyroid											
<45	1.1	1.2	1.1	1.2	1.3	1.3	1.1	1.2	1.2	1.1	0.1
45-64	3.3	3.3	3.2	3.4	3.4	3.5	3.1	3.3	3.1	3.2	0.3
65+	2.8	3.5	3.3	3.6	3.6	3.7	3.4	3.5	3.6	3.4	0.3
All Ages	2	2.5	2.4	2.7	2.7	2.7	2.5	2.6	2.7	2.6	0.2
Urinary Tract or Bladder											
<45	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
45-64	2.5	3.1	2.9	3	3	2.9	2.5	2.6	2.6	2.5	0.2
65+	16.3	18.4	16.9	17.6	17.2	16.6	15.2	15.6	15.2	14.3	1.7
All Ages	2.5	6.9	6.6	7.1	7.1	6.9	6.2	6.6	6.7	6.5	0.3
Uterus³											
<45	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0
45-64	5.4	6.3	5.9	6.4	6.6	6.7	5.9	6.7	6.6	6.2	0.6
65+	10	10.7	10	10.7	10.9	11.1	11.1	11.4	11.7	11.3	1.5
All Ages	3	5.7	5.5	6	6.2	6.3	6	6.5	6.8	6.6	0.4

¹In leap years of 2000, 2004, 2008, 2012, and 2016, members have an additional day in the year that would qualify them as eligible.

²Aggregated numbers represent the sums of patients with at least one of the incident site-specific cancers, and is not the sum of patients across all incident cancers sites; that is, each cancer patient is only counted once in the aggregated sums.

³Members eligible for this cancer type were restricted to those with a value for sex as female, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

⁴Members eligible for this cancer type were restricted to those with a value for sex as male, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

Table 1e.1. Annual Ratio of New Male Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Number of Data Partners	7	7	7	7	8	9	10	11	13	13
Any Cancer Site										
Two-Month Definition										
<45	0	2.9	2.8	2.6	2.6	3	4.6	4.1	2	4.2
45-64	0	54.9	53.4	54.8	48	53.5	57	62.7	31.7	62.2
65+	0.1	205.9	201.8	209.2	198.7	212.3	214	239.8	149.1	250.3
All Ages ²	0	38.2	37.5	39.6	36.3	40	38.9	40.2	23.1	42.4
Three-Month Definition										
<45	0	3	2.9	2.8	2.7	3.1	4.7	4.3	2.1	4.3
45-64	0	57.4	56	57.5	50.2	56	59.8	65	32.8	64.1
65+	0.1	220	214.6	225.8	210.9	225.9	228.4	252.2	156.4	261.5
All Ages ²	0	40.4	39.6	42.3	38.2	42.2	41.2	41.9	24.1	43.9
Six-Month Definition										
<45	0	3.3	3.2	3.1	2.9	3.3	5.1	4.7	2.3	4.7
45-64	0	61.4	60.4	61.7	53.7	60.2	64	69.1	34.8	68.2
65+	0.1	250.2	245.4	260.4	237.8	256.4	255.6	278	173.7	291
All Ages ²	0	44.9	44.2	47.4	42.1	46.7	45	45.3	26.2	47.8
Site Specific Cancer (Two-Month Definition)										
Anus										
<45	0	0.1	0.1	0.1	0	0.1	0	0.1	0	0
45-64	0	0.5	0.4	0.6	0.5	0.6	0.3	0.5	0.3	0.6
65+	0	0.5	0.8	0.7	0.6	0.9	0.9	1.2	0.7	1.3
All Ages	0	0.2	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3
Breast (Female)³										
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Breast (Male)⁴										
<45	0	0	0	0	0	0	0	0	0	0
45-64	0	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2
65+	0	0.2	0.6	0.4	0.4	0.5	0.6	0.9	0.4	0.7
All Ages	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Cervix³										
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Colon										
<45	0	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.4
45-64	0	5.3	5.3	4.9	4.7	5.2	5.2	5.7	3	5.3
65+	0	21.3	20.8	21.6	19.6	21.7	21	22.5	14.2	23.2
All Ages	0	3.9	3.9	4	3.7	4.1	3.7	3.9	2.3	3.9

Table 1e.1. Annual Ratio of New Male Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Esophagus										
<45	0	0.1	0	0	0.1	0.1	0.1	0.1	0	0.1
45-64	0	1.5	1.4	1.6	1.4	1.5	1.4	1.4	0.7	1.5
65+	0	5.2	4.8	4.3	4.9	5.1	4.6	5	3.2	5.5
All Ages	0	1	0.9	1	1	1.1	0.9	0.9	0.5	1
Kidney or Pelvis										
<45	0	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.3
45-64	0	2.2	2.3	2.6	2.2	2.9	3	3.9	1.7	3.8
65+	0	5.7	5.5	6.3	6.5	8	7.9	9.8	5.9	10.7
All Ages	0	1.3	1.3	1.5	1.5	1.9	1.8	2.2	1.1	2.3
Leukemia										
<45	0	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.3	0.5
45-64	0	2	1.9	1.9	1.6	1.8	2	2.3	1.3	2.4
65+	0	6.6	7	7	7.2	7.7	7.5	9.3	5.9	10
All Ages	0	1.6	1.6	1.7	1.6	1.7	1.6	1.9	1.1	2
Liver and Intrahepatic Bile Duct										
<45	0	0.1	0	0.1	0.1	0.1	0.1	0.1	0	0.1
45-64	0	1.4	1.6	1.4	1.8	1.5	1.6	1.7	0.8	1.7
65+	0	2.9	2.6	2.7	2.5	3.4	3.4	3.8	2.5	4.4
All Ages	0	0.7	0.7	0.7	0.8	0.9	0.9	0.9	0.5	1
Lung and Bronchus										
<45	0	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.1	0.2
45-64	0	10.4	10.2	9.8	7.9	7.8	7.5	7.4	3.6	6.4
65+	0.1	38.2	39.7	38.8	36.2	39.6	31.6	34.6	22.1	38.6
All Ages	0	7.2	7.3	7.4	6.4	7	5.4	5.5	3.2	5.6
Melanoma										
<45	0	0.4	0.5	0.4	0.5	0.5	0.4	0.9	0.4	0.9
45-64	0	4.7	4.5	4.2	3.7	4.9	4.6	6.4	3.3	7.3
65+	0	10.8	11.2	11.8	10.9	12.5	10.5	17.5	12	22.5
All Ages	0	2.7	2.7	2.8	2.6	3.1	2.6	4	2.3	4.9
Non-Hodgkin's Lymphoma										
<45	0	0.7	0.7	0.5	0.5	0.6	0.5	0.7	0.4	0.9
45-64	0	3.8	3.5	3.7	3.4	3.4	4.1	4	2.2	4.4
65+	0	10.5	10.1	10.1	10.3	11.5	11.7	13.5	8.2	14.7
All Ages	0	2.6	2.5	2.5	2.5	2.7	2.7	2.8	1.6	3.2
Other Endocrine										
<45	0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
45-64	0	0.3	0.1	0.2	0.2	0.2	0.2	0.4	0.2	0.5
65+	0	0.6	0.4	0.3	0.5	0.6	0.7	0.8	0.6	0.9
All Ages	0	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3

Table 1e.1. Annual Ratio of New Male Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Pancreas										
<45	0	0.1	0.1	0	0	0	0.1	0.1	0	0.1
45-64	0	1.3	1.7	1.5	1.4	1.6	1.4	1.6	1	1.7
65+	0	4.7	5.4	4.9	4.9	5.7	5.9	6.7	4.1	7.1
All Ages	0	0.9	1.1	1	1	1.1	1.1	1.1	0.7	1.2
Prostate⁴										
<45	0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
45-64	0	19.5	19.2	20.9	18	19.7	23.1	26.5	13	25.7
65+	0	88.6	84.3	90.7	82.2	86.5	96.4	111.9	67.3	110.7
All Ages	0	14.8	14.3	16	14.1	15.3	15.9	17.2	9.8	17.5
Rectum										
<45	0	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.2
45-64	0	3.2	2.8	2.8	2.6	3	2.3	3.7	1.8	3.4
65+	0	9.1	8.7	9.1	7.2	7.8	6.9	10.7	6.6	11.1
All Ages	0	1.9	1.8	2	1.6	1.8	1.4	2.2	1.2	2.2
Thyroid										
<45	0	0.1	0.2	0.1	0.2	0.2	0.2	0.3	0.2	0.4
45-64	0	0.7	0.6	0.8	0.7	1	1	1.4	0.8	1.7
65+	0	0.8	0.7	0.9	1.1	1.3	1.1	1.6	1.2	2.2
All Ages	0	0.3	0.3	0.4	0.4	0.6	0.5	0.8	0.5	1
Urinary Tract or Bladder										
<45	0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
45-64	0	3.8	3.8	3.7	3	3.5	3.5	3.9	1.9	3.9
65+	0	23.5	22.1	21.9	21.2	21.3	22.6	26.5	16	27.7
All Ages	0	3.7	3.5	3.6	3.3	3.5	3.3	3.5	2.1	3.8
Uterus³										
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

¹In leap years of 2000, 2004, 2008, 2012, and 2016, members have an additional day in the year that would qualify them as eligible.

²Aggregated numbers represent the sums of patients with at least one of the incident site-specific cancers, and is not the sum of patients across all incident cancers sites; that is, each cancer patient is only counted once in the aggregated sums.

³Members eligible for this cancer type were restricted to those with a value for sex as female, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

⁴Members eligible for this cancer type were restricted to those with a value for sex as male, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

Table 1e.2. Annual Ratio of New Male Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Number of Data Partners	13	14	14	14	14	14	14	14	12	9	2
Any Cancer Site											
Two-Month Definition											
<45	4.1	5.1	4.5	4.7	4.6	4.5	3.8	4.1	4.4	4.2	0.5
45-64	61	71.4	64.8	68	66.4	66.5	59.5	65.9	66.5	64.4	6.2
65+	245.5	297.5	258.7	272.1	266.3	267.4	248	261	257.9	245.8	27
All Ages ²	42.4	97.7	89.8	97.5	98.9	100.2	91.1	100.1	103.8	101.6	5.2
Three-Month Definition											
<45	4.2	5.3	4.6	4.9	4.8	4.7	4	4.2	4.6	4.3	0.5
45-64	63	73.7	66.9	70.3	68.6	68.7	61.5	67.9	68.4	66	6.2
65+	256.6	311.3	270.5	284.1	277.8	278.7	258	271.3	268.1	253.5	27.1
All Ages ²	44.1	102	93.6	101.6	103	104.2	94.6	103.7	107.6	104.5	5.2
Six-Month Definition											
<45	4.5	5.7	5.1	5.2	5.2	5	4.3	4.5	4.9	4.6	0.4
45-64	67	78.6	71.4	74.9	73.2	73.1	65.4	72	72.4	68.5	6.2
65+	283.2	345.7	301	314.4	306.9	305.9	282	295.1	290.3	265.7	26.9
All Ages ²	47.7	112.2	103.2	111.4	112.8	113.4	102.6	112	115.7	109.1	5.2
Site Specific Cancer (Two-Month Definition)											
Anus											
<45	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
45-64	0.6	1	0.9	1	1	0.9	0.7	0.7	0.9	0.9	0.1
65+	1.3	1.6	1.5	1.6	1.5	1.5	1.1	1.1	1.5	1.6	0.2
All Ages	0.3	0.8	0.7	0.8	0.8	0.8	0.6	0.6	0.8	0.8	0
Breast (Female)³											
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 1e.2. Annual Ratio of New Male Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Breast (Male)⁴											
<45	0	0	0	0	0	0	0	0	0	0	0
45-64	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0
65+	0.8	1	0.9	1	1	0.9	0.8	0.9	0.9	0.9	0.1
All Ages	0.2	0.3	0.3	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0
Cervix³											
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Colon											
<45	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0
45-64	5.2	6.6	6.1	6.6	6.6	6.3	5.7	6.2	6.2	5.7	0.6
65+	21.7	28.3	24.6	25.1	23.8	23	20.1	20.4	19.4	18.1	1.8
All Ages	3.9	9.8	9.1	9.7	9.6	9.4	8.1	8.6	8.7	8.3	0.4
Esophagus											
<45	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
45-64	1.4	2.1	1.8	2.1	1.9	2	1.7	1.8	1.9	1.8	0.1
65+	5.6	6.7	5.9	6.2	6.3	6.5	5.8	5.9	6	5.6	0.6
All Ages	1	2.5	2.3	2.5	2.6	2.7	2.3	2.5	2.7	2.6	0.1
Kidney or Pelvis											
<45	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0
45-64	3.5	4.5	4.5	4.6	4.7	4.8	4.4	4.7	4.9	4.7	0.4
65+	10.6	14.1	12.8	13.5	13.8	13.6	12.4	13	12.8	12.3	1.2
All Ages	2.3	5.3	5.1	5.6	5.9	5.9	5.3	5.8	6	5.9	0.3
Leukemia											
<45	0.6	0.7	0.7	0.7	0.6	0.7	0.6	0.6	0.6	0.6	0
45-64	2.4	3.2	3	3.2	3	3	2.6	2.8	2.8	2.9	0.2
65+	9.6	13	12	12.8	12.6	12.6	11.5	11.9	12.1	11.3	1.2
All Ages	2	4.8	4.6	5.1	5.1	5.2	4.6	5	5.3	5.1	0.3

Table 1e.2. Annual Ratio of New Male Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Liver and Intrahepatic Bile Duct											
<45	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
45-64	1.8	3.3	3.3	3.6	3.6	3.4	3	3.1	3	2.6	0.2
65+	4.2	6.6	6.1	6.7	6.6	7	7	7.4	7.4	7.1	0.7
All Ages	1	2.8	2.7	3.1	3.1	3.2	3.1	3.3	3.5	3.3	0.1
Lung and Bronchus											
<45	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0
45-64	6.4	10.4	9.9	10.5	10.3	9.9	8.5	9	8.9	8.3	0.6
65+	37.4	49.7	44.6	46	44.1	42.4	37.8	38.9	36.9	34.7	3.4
All Ages	5.6	16.7	15.9	17	17	16.5	14.5	15.5	15.5	15	0.6
Melanoma											
<45	0.9	0.9	0.8	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.1
45-64	7.6	7.1	6.9	7.5	7.6	8	7.5	8.3	8.6	8.5	0.9
65+	23.8	27.1	25.9	29.2	31.5	33.3	32.5	35	35.4	34.4	3.2
All Ages	5.1	9.9	9.9	11.3	12.5	13.4	12.8	14.3	15.2	15.2	0.7
Non-Hodgkin's Lymphoma											
<45	0.9	1.1	1	1	0.9	0.9	0.7	0.8	0.8	0.7	0.1
45-64	4.3	5.3	5	5.2	5.3	5	4.1	4.5	4.5	4.3	0.4
65+	14	18	16	16.5	16.8	16.5	14.6	15.6	15.2	14.7	1.7
All Ages	3.2	6.9	6.5	6.9	7.2	7.1	6.1	6.8	6.9	6.8	0.4
Other Endocrine											
<45	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0
45-64	0.4	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0
65+	0.9	1.1	1	0.9	1	0.8	0.8	0.7	0.7	0.6	0.1
All Ages	0.3	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0
Pancreas											
<45	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
45-64	1.7	2.3	2.2	2.3	2.3	2.3	2.1	2.2	2.3	2.3	0.2
65+	7.7	9.6	8.6	9.6	9.4	9.1	8.7	9.1	9.2	8.6	0.8
All Ages	1.3	3.3	3.2	3.6	3.7	3.6	3.4	3.7	3.9	3.8	0.2

Table 1e.2. Annual Ratio of New Male Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Prostate⁴											
<45	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0
45-64	24.9	25.4	20.9	21	19.7	20.3	18.6	21.6	22.2	21.9	2.3
65+	107.5	129.3	105	108.8	103.5	105.9	99.1	105.1	104.6	100.2	11.7
All Ages	17.4	41	35.2	37.6	37.2	38.5	35.6	39.6	41.6	41.1	2.1
Rectum											
<45	0.2	0.3	0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0
45-64	3.1	3.8	3.4	3.6	3.5	3.3	2.9	3.2	3.3	3.1	0.4
65+	10.2	12	10.2	9.9	9	8.5	7	7.1	6.9	6.6	0.7
All Ages	2.1	4.5	4	4.2	3.9	3.8	3.1	3.3	3.4	3.3	0.2
Thyroid											
<45	0.4	0.5	0.5	0.5	0.6	0.5	0.4	0.5	0.5	0.5	0.1
45-64	1.7	1.7	1.6	1.7	1.8	1.8	1.6	1.7	1.7	1.7	0.2
65+	2.1	2.6	2.3	2.5	2.8	2.7	2.5	2.5	2.6	2.6	0.3
All Ages	1	1.4	1.3	1.5	1.6	1.6	1.4	1.5	1.6	1.6	0.1
Urinary Tract or Bladder											
<45	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0
45-64	3.9	4.5	4.3	4.4	4.3	4.3	3.7	3.9	3.8	3.7	0.3
65+	27.6	33.1	30.4	31.6	30.5	29.6	26.8	27.7	26.7	25.1	2.9
All Ages	3.9	10.4	10.1	10.9	11	10.8	9.7	10.4	10.5	10.2	0.5
Uterus³											
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

¹In leap years of 2000, 2004, 2008, 2012, and 2016, members have an additional day in the year that would qualify them as eligible.

²Aggregated numbers represent the sums of patients with at least one of the incident site-specific cancers, and is not the sum of patients across all incident cancers sites; that is, each cancer patient is only counted once in the aggregated sums.

³Members eligible for this cancer type were restricted to those with a value for sex as female, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

⁴Members eligible for this cancer type were restricted to those with a value for sex as male, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

Table 1f.1. Annual Ratio of New Female Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Number of Data Partners	7	7	7	7	8	9	10	11	13	13
Any Cancer Site										
Two-Month Definition										
<45	0	6.7	6.3	6.3	6	6.4	7.7	9.2	4.6	9.7
45-64	0	60.2	63.9	62.5	52.9	61.6	61.7	68.1	35.4	69.1
65+	0.2	134.1	132.2	133.5	121.7	142.1	141	155.7	99.8	160.6
All Ages ²	0	37.5	38.3	39	34.5	40.3	37.3	41.5	23.6	43.3
Three-Month Definition										
<45	0	7	6.6	6.6	6.1	6.6	8	9.5	4.7	10
45-64	0	62.6	65.9	64.8	54.8	64.1	63.7	70.2	36.5	70.9
65+	0.2	139.5	138.2	140.2	127.6	149.8	146.6	161.7	103.7	166.6
All Ages ²	0	39	39.8	40.7	35.9	42.1	38.6	42.9	24.4	44.6
Six-Month Definition										
<45	0	7.5	7.1	7.1	6.6	7.1	8.5	10.2	5	10.7
45-64	0	68.9	72.5	70.6	60	69.9	68	75.7	39.1	76.1
65+	0.2	154.9	153.9	156.8	142.3	168.6	160.5	178.5	114	183.1
All Ages ²	0	43	44	44.9	39.6	46.6	41.6	46.6	26.4	48.3
Site Specific Cancer (Two-Month Definition)										
Anus										
<45	0	0	0	0	0	0.1	0	0	0	0
45-64	0	0.4	0.4	0.6	0.5	0.7	0.7	0.6	0.3	0.7
65+	0	1	0.8	0.8	0.8	0.9	0.8	1.4	0.8	1.4
All Ages	0	0.3	0.2	0.3	0.3	0.3	0.3	0.4	0.2	0.4
Breast (Female)³										
<45	0	2.6	2.4	2.3	2.2	2.4	3.8	3.3	1.6	3.4
45-64	0	30.6	33.6	31.4	27.1	31.9	32.3	34.4	17.7	34.3
65+	0	55.4	53.2	52.2	45.6	56.5	59	64.6	39.8	64.6
All Ages	0	16.9	17.4	17.1	15	18.2	17.9	19	10.5	19.2
Breast (Male)⁴										
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cervix³										
<45	0	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.2	0.5
45-64	0	1.6	1.2	1.3	1.2	1	1.2	1.5	0.8	1.6
65+	0	1.8	1.8	1.3	1.3	1.2	0.9	1.8	1.2	1.9
All Ages	0	1	1	0.9	0.8	0.7	0.8	0.9	0.5	1
Colon										
<45	0	0.3	0.3	0.3	0.2	0.3	0.3	0.4	0.2	0.4
45-64	0	4.1	4.3	4.2	3.7	4.2	4.2	4.8	2.5	4.4
65+	0	16.6	17.7	17.6	15.6	18.4	18.5	18.1	12.7	19.2
All Ages	0	3.5	3.8	3.9	3.3	3.9	3.5	3.5	2.3	3.6

Table 1f.1. Annual Ratio of New Female Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Esophagus										
<45	0	0	0	0	0	0	0	0	0	0
45-64	0	0.3	0.4	0.4	0.3	0.3	0.4	0.3	0.2	0.4
65+	0	1.5	1.2	1.1	0.9	1.1	0.9	1.3	1	1.3
All Ages	0	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3
Kidney or Pelvis										
<45	0	0.1	0.1	0.2	0.1	0.2	0.2	0.3	0.1	0.2
45-64	0	1.3	1.4	1.8	1	1.3	1.4	2.1	1	2
65+	0	3.6	2.7	3.1	3.2	3.5	3.5	5.1	3.3	5.4
All Ages	0	0.9	0.8	1.1	0.8	1	0.9	1.3	0.7	1.3
Leukemia										
<45	0	0.5	0.4	0.3	0.4	0.4	0.4	0.4	0.3	0.5
45-64	0	1.5	1.5	1.5	1.3	1.3	1.4	1.5	0.9	1.6
65+	0	3.9	3.6	5.1	4.5	4.3	4.2	5.3	3.6	6
All Ages	0	1.2	1.2	1.3	1.2	1.2	1.1	1.3	0.8	1.4
Liver and Intrahepatic Bile Duct										
<45	0	0.1	0.1	0.1	0	0.1	0	0.1	0	0.1
45-64	0	0.5	0.5	0.5	0.4	0.7	0.7	0.7	0.4	0.7
65+	0	1.6	1.4	1.5	1.8	1.5	1.8	1.8	1.2	2.3
All Ages	0	0.4	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.5
Lung and Bronchus										
<45	0	0.4	0.3	0.4	0.3	0.2	0.3	0.5	0.2	0.3
45-64	0	8.1	8.6	8.2	6.7	7.1	6.5	6.8	3.2	5.9
65+	0	23.5	24.1	26	24.1	26.3	24.1	26.4	16.9	27.6
All Ages	0	5.6	5.8	6.2	5.4	5.9	4.7	5.1	2.9	4.9
Melanoma										
<45	0	0.7	0.8	0.8	0.7	0.8	0.6	1.4	0.7	1.6
45-64	0	3.5	3.4	3.3	3	3.1	3.6	5.3	2.7	6
65+	0	4.3	5.7	5.3	4.6	5.5	5.5	8.2	5.6	10.2
All Ages	0	1.9	2.2	2.1	1.9	2.1	2	3.3	1.9	3.9
Non-Hodgkin's Lymphoma										
<45	0	0.5	0.4	0.4	0.4	0.4	0.5	0.7	0.3	0.7
45-64	0	2.8	3.1	2.8	2.7	2.8	2.5	3.2	1.6	3.4
65+	0	7.7	7.9	8.4	7.9	8.9	8.5	9.2	6.4	10.8
All Ages	0	2.1	2.1	2.2	2.1	2.3	2	2.3	1.4	2.6
Other Endocrine										
<45	0	0.5	0.5	0.4	0.5	0.5	0.4	0.6	0.3	0.7
45-64	0	6.4	5.5	5.4	4.7	6.4	5.6	7.2	3.8	7.1
65+	0	9.7	9.4	8.9	8.5	10.2	11	12.9	8.2	13.5
All Ages	0	3.2	3	3	2.8	3.5	3.1	3.9	2.2	4

Table 1f.1. Annual Ratio of New Female Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2009, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Pancreas										
<45	0	0	0	0.1	0	0.1	0.1	0.1	0	0.1
45-64	0	1	1	1.1	1.1	1	1.2	1.1	0.7	1.3
65+	0	4.7	4.4	4.3	4.3	4.8	4.9	5.5	3.5	6.3
All Ages	0	0.9	0.9	1	0.9	1	1	1	0.6	1.1
Prostate⁴										
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rectum										
<45	0	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.2
45-64	0	1.9	2	2	1.8	1.8	1.6	2.8	1.3	2.5
65+	0	5.6	5.7	6	5.5	5.5	4.1	7.6	5.2	8.1
All Ages	0	1.4	1.4	1.5	1.3	1.4	1	1.8	1	1.8
Thyroid										
<45	0	0.7	0.7	0.6	0.7	0.8	0.8	1.5	0.8	1.8
45-64	0	1.5	1.6	2.1	1.4	2.4	2.2	3.7	2.1	4.7
65+	0	1.1	1.4	1.3	1.2	1.8	1.7	2.7	2.1	3.1
All Ages	0	1	1.1	1.1	1	1.4	1.3	2.3	1.3	2.9
Urinary Tract or Bladder										
<45	0	0.1	0.1	0.1	0.1	0	0	0.1	0	0.1
45-64	0	1.1	1.3	1.3	0.7	0.9	1.1	1.3	0.7	1.3
65+	0	5.8	5.4	5.1	5.1	5.6	4.7	7.1	4.1	7.1
All Ages	0	1.1	1.2	1.1	1	1.1	0.9	1.2	0.7	1.2
Uterus³										
<45	0	0.3	0.3	0.3	0.4	0.3	0.2	0.3	0.2	0.4
45-64	0	5	4.4	4.6	3.9	5.4	4.8	5.5	2.8	5.4
65+	0	7.2	7.6	7.2	7.2	7.9	8.8	9.2	5.8	9.5
All Ages	0	2.4	2.4	2.4	2.3	2.8	2.5	2.8	1.6	2.9

¹In leap years of 2000, 2004, 2008, 2012, and 2016, members have an additional day in the year that would qualify them as eligible.

²Aggregated numbers represent the sums of patients with at least one of the incident site-specific cancers, and is not the sum of patients across all incident cancers sites; that is, each cancer patient is only counted once in the aggregated sums.

³Members eligible for this cancer type were restricted to those with a value for sex as female, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

⁴Members eligible for this cancer type were restricted to those with a value for sex as male, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

Table 1f.2. Annual Ratio of New Female Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Number of Data Partners	13	14	14	14	14	14	14	14	12	9	2
Any Cancer Site											
Two-Month Definition											
<45	9.6	10.8	10	10.7	10.4	10.1	8.9	9.8	10.2	9.9	1
45-64	67.4	77.1	73.1	76.9	76.9	76.1	67.3	73.9	73.6	71.6	6.8
65+	160.5	186.1	171.4	179.9	177.3	175.7	163.9	169.7	169.6	161.4	17.9
All Ages ²	43.3	90.1	85.5	92	92.3	91.3	82.4	88.7	92	89.2	5.1
Three-Month Definition											
<45	9.9	11.1	10.3	11	10.7	10.4	9.2	10.1	10.5	10.1	1
45-64	69.2	79.4	75.2	79	79	78.3	69.2	75.8	75.7	73.3	6.8
65+	165.8	193	177.8	186.2	183.4	181.6	169.1	175	174.6	165.4	18
All Ages ²	44.6	93.3	88.5	95	95.4	94.2	85	91.3	94.7	91.3	5.1
Six-Month Definition											
<45	10.5	11.8	11	11.7	11.4	11.1	9.7	10.7	11.1	10.5	1
45-64	74.1	85.5	80.8	84.4	84.4	83.6	73.9	80.7	80.7	76.3	6.7
65+	180.4	212.1	195.7	203.8	200.7	197.4	183.3	189.2	188.4	172.6	17.9
All Ages ²	48	101.9	96.8	103.3	103.7	101.9	91.6	98.2	101.7	95.1	5.1
Site Specific Cancer (Two-Month Definition)											
Anus											
<45	0	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1	0
45-64	0.7	0.9	0.9	1	1	0.9	0.8	0.9	1	1	0.1
65+	1.4	1.6	1.5	1.5	1.6	1.4	1.4	1.4	1.6	1.8	0.2
All Ages	0.4	0.8	0.8	0.9	0.9	0.8	0.8	0.8	1	1	0.1
Breast (Female)³											
<45	3.4	3.6	3.4	3.6	3.6	3.3	2.9	3.3	3.5	3.4	0.4
45-64	32.7	34.3	32	33.9	33.2	32.8	28.2	31.1	30.8	29.9	3.3
65+	63.7	67.9	62.9	66.6	65.6	65.6	59.8	61.9	62.3	59.2	7
All Ages	19	34.7	33	35.7	35.7	35.5	31.3	33.8	35.1	34.1	2.3

Table 1f.2. Annual Ratio of New Female Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹											
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Breast (Male)⁴												
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cervix³												
<45	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.5	0.5	0.1	0.1
45-64	1.5	2	2	2	2	1.9	1.6	1.8	1.8	1.8	1.8	0.1
65+	1.8	2.8	2.6	2.4	2.5	2.4	2.1	2.2	2.1	1.9	1.9	0.2
All Ages	1	1.8	1.7	1.7	1.7	1.7	1.4	1.6	1.5	1.5	1.5	0.1
Colon												
<45	0.4	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0
45-64	4.3	5.4	5.1	5.4	5.2	5	4.5	4.7	5.1	4.7	4.7	0.4
65+	18	24	21	21.2	20.1	19.2	17.1	17.3	16.6	15.2	15.2	1.5
All Ages	3.5	10.4	9.5	9.9	9.6	9.2	8	8.4	8.6	8	8	0.4
Esophagus												
<45	0	0	0	0	0	0	0	0	0	0	0	0
45-64	0.3	0.6	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0
65+	1.4	1.9	1.7	1.7	1.7	1.8	1.5	1.5	1.5	1.5	1.5	0.1
All Ages	0.3	0.9	0.8	0.8	0.8	0.9	0.7	0.7	0.8	0.8	0.8	0
Kidney or Pelvis												
<45	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0
45-64	1.9	2.9	2.6	2.6	2.7	2.6	2.4	2.7	2.6	2.4	2.4	0.2
65+	5.6	7.6	6.9	7	6.8	7	6.4	6.5	6.5	6.1	6.1	0.6
All Ages	1.3	3.6	3.4	3.5	3.6	3.6	3.2	3.5	3.5	3.4	3.4	0.2
Leukemia												
<45	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0
45-64	1.6	2.3	2.1	2.3	2.3	2.1	1.9	2.1	2	2.1	2.1	0.1
65+	6.2	8.6	7.7	7.8	7.7	7.5	6.9	7.2	7	6.8	6.8	0.6
All Ages	1.5	4	3.7	3.9	3.9	3.8	3.4	3.7	3.7	3.7	3.7	0.2

Table 1f.2. Annual Ratio of New Female Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Liver and Intrahepatic Bile Duct											
<45	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
45-64	0.8	1.3	1.3	1.4	1.5	1.4	1.2	1.4	1.2	1.2	0.1
65+	2.4	3.6	3.4	3.5	3.5	3.5	3.5	3.6	3.5	3.6	0.2
All Ages	0.5	1.7	1.7	1.8	1.8	1.8	1.7	1.9	1.9	1.9	0.1
Lung and Bronchus											
<45	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0
45-64	5.6	9.4	9.1	9.2	9.2	8.9	8.2	8.7	8.6	8.4	0.5
65+	27.7	35	32.3	33.5	32.4	31.6	28.9	30	29.3	27.8	2.8
All Ages	4.9	15.4	14.7	15.7	15.5	15.2	13.6	14.6	14.9	14.4	0.6
Melanoma											
<45	1.5	1.5	1.4	1.5	1.5	1.5	1.4	1.6	1.7	1.7	0.1
45-64	6.2	5.8	5.8	6	6.4	6.8	6.3	7.2	7.4	7.8	0.8
65+	10.5	12	11.4	12.7	13.4	14.3	14.3	15.3	16.2	16.2	1.5
All Ages	4	6.5	6.3	7.1	7.6	8.1	7.8	8.6	9.4	9.6	0.5
Non-Hodgkin's Lymphoma											
<45	0.7	0.9	0.8	0.8	0.8	0.7	0.6	0.6	0.6	0.6	0.1
45-64	3.2	4.2	3.9	4	4	3.9	3.3	3.6	3.6	3.5	0.2
65+	10.2	12.7	11.7	12	11.8	11.4	10.2	10.6	10.5	10	1.1
All Ages	2.5	6.1	5.8	6.1	6	5.9	5.1	5.5	5.6	5.5	0.3
Other Endocrine											
<45	0.7	0.8	0.8	0.8	0.7	0.7	0.6	0.7	0.7	0.7	0
45-64	7	8.4	7.8	8.1	8.3	8.2	7.2	8.1	7.9	7.3	0.6
65+	13.4	15.6	14.3	14.8	14.7	14.5	14.2	14.5	14.5	13.3	1.6
All Ages	4.1	8.2	7.7	8.2	8.3	8.2	7.6	8.2	8.5	7.8	0.5
Pancreas											
<45	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
45-64	1.3	1.8	1.7	1.9	1.9	1.7	1.6	1.8	1.8	1.8	0.2
65+	6.2	8.1	7.4	7.8	7.6	7.3	6.9	7.2	7.2	6.9	0.8
All Ages	1.1	3.5	3.3	3.6	3.6	3.4	3.2	3.5	3.6	3.5	0.2

Table 1f.2. Annual Ratio of New Female Cancer Cases Per 10,000 Eligible Members in the Sentinel Distributed Database (SDD) from January 1, 2010 to February 29, 2020, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹											
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Prostate⁴												
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rectum												
<45	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0
45-64	2.4	2.7	2.5	2.7	2.5	2.5	2.1	2.2	2.3	2.3	2.3	0.1
65+	7.3	8.8	7.2	6.9	6.2	5.7	4.7	4.6	4.6	4.4	4.4	0.4
All Ages	1.7	4	3.5	3.5	3.3	3	2.5	2.5	2.6	2.6	2.6	0.1
Thyroid												
<45	1.8	2	1.8	2	2	2	1.7	1.8	1.9	1.8	1.8	0.2
45-64	4.9	4.8	4.7	5	5	5	4.4	4.8	4.5	4.5	4.5	0.4
65+	3.5	4.1	4	4.3	4.2	4.4	4.1	4.2	4.3	4.3	4.1	0.4
All Ages	3	3.5	3.4	3.7	3.6	3.7	3.4	3.6	3.6	3.5	3.5	0.3
Urinary Tract or Bladder												
<45	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
45-64	1.2	1.8	1.7	1.7	1.7	1.5	1.3	1.5	1.4	1.3	1.3	0.1
65+	7.2	9.3	8.3	8.5	8.2	7.7	7.1	7.1	7	6.6	6.6	0.7
All Ages	1.2	3.9	3.6	3.8	3.8	3.5	3.2	3.3	3.4	3.3	3.3	0.2
Uterus³												
<45	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0
45-64	5.4	6.3	5.9	6.4	6.6	6.7	5.9	6.7	6.6	6.2	6.2	0.6
65+	10	10.7	10	10.7	10.9	11.1	11.1	11.4	11.7	11.3	11.3	1.5
All Ages	3	5.7	5.5	6	6.2	6.3	6	6.5	6.8	6.6	6.6	0.4

¹In leap years of 2000, 2004, 2008, 2012, and 2016, members have an additional day in the year that would qualify them as eligible.

⁴Aggregated numbers represent the sums of patients with at least one of the incident site-specific cancers, and is not the sum of patients across all incident cancers sites; that is, each cancer patient is only counted once in the aggregated sums.

³Members eligible for this cancer type were restricted to those with a value for sex as female, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

^{*}Members eligible for this cancer type were restricted to those with a value for sex as male, ambiguous, or unknown. All other cancer types allowed eligible members of any sex value.

Table 2. Pre-Diagnostic Patient Follow-up¹ in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020, by Cancer Site

Cancer Site	Patients					Days			
	>0 Years	>1 Years	>2 Years	>3 Years	>4 Years	Mean (Standard Deviation)	Median	Minimum	Maximum
Any Cancer Site									
Two-Month Definition	5,166,982	5,166,982	3,984,260	3,045,588	2,294,166	1,572.2 (1028.1)	1,311	366	7,152
Three-Month Definition	5,345,208	5,345,208	4,116,407	3,140,770	2,361,623	1,566.6 (1024.1)	1,306	366	7,152
Six-Month Definition	5,775,214	5,775,214	4,426,467	3,353,836	2,504,259	1,546.4 (1010.8)	1,286	366	7,152
Site Specific Cancer (Two-Month Definition)									
Anus	46,767	46,767	35,932	27,471	20,689	1,573.8 (1037.0)	1,307	366	7,145
Breast (Female)	1,064,147	1,064,147	820,392	625,571	471,080	1,575.6 (1039.8)	1,309	366	7,152
Breast (Male)	9,751	9,751	7,705	5,982	4,592	1,629.6 (1042.5)	1,378	366	7,144
Cervix	51,330	51,330	37,706	27,658	20,261	1,447.3 (950.6)	1,183	366	7,145
Colon	518,454	518,454	402,414	309,867	234,994	1,584.5 (1017.0)	1,334	366	7,152
Esophagus	91,198	91,198	71,426	55,455	42,199	1,613.7 (1043.8)	1,357	366	7,152
Kidney and Pelvis	255,638	255,638	196,915	149,505	112,391	1,547.5 (989.2)	1,300	366	7,146
Leukemia	246,449	246,449	193,109	149,758	114,642	1,615.5 (1035.9)	1,366	366	7,151
Liver and Intrahepatic Bile Duct	135,524	135,524	106,240	82,487	63,209	1,625.7 (1060.0)	1,367	366	7,151
Lung and Bronchus	869,654	869,654	685,773	533,556	407,238	1,610.2 (1011.5)	1,374	366	7,152
Melanoma	581,292	581,292	459,152	359,025	276,523	1,650.1 (1065.5)	1,391	366	7,152
Non-Hodgkin's Lymphoma	359,009	359,009	278,551	214,462	162,976	1,593.3 (1036.4)	1,335	366	7,152
Other Endocrine	263,222	263,222	197,468	146,437	108,076	1,514.1 (1032.0)	1,224	366	7,152
Pancreas	198,628	198,628	158,503	124,802	96,721	1,662.3 (1052.4)	1,424	366	7,152
Prostate	1,017,066	1,017,066	773,121	584,273	433,074	1,525.4 (994.8)	1,266	366	7,152
Rectum	198,289	198,289	147,684	109,602	80,583	1,483.2 (982.2)	1,218	366	7,152
Thyroid	157,152	157,152	114,417	83,515	60,708	1,449.1 (985.9)	1,166	366	7,132
Urinary Tract or Bladder	381,776	381,776	300,468	232,614	176,975	1,604.8 (1016.9)	1,362	366	7,152
Uterus	192,788	192,788	149,623	115,187	87,611	1,617.2 (1087.6)	1,335	366	7,152
Male									
All Cancer Sites	2,507,578	2,507,578	1,924,375	1,465,407	1,097,805	1,557.0 (1019.5)	1,295	366	7,152
All Cancer Sites (3 months)	2,820,883	2,820,883	2,152,077	1,623,863	1,205,478	1,531.5 (1002.7)	1,270	366	7,152
All Cancer Sites (6 months)	2,603,737	2,603,737	1,995,651	1,516,705	1,134,003	1,551.3 (1015.7)	1,290	366	7,152
Anus	19,741	19,741	15,040	11,395	8,512	1,551.5 (1028.9)	1,279	366	7,145
Breast, Male	9,749	9,749	7,703	5,980	4,590	1,629.2 (1042.3)	1,377	366	7,144
Colon	242,241	242,241	186,046	141,929	106,525	1,557.2 (1010.2)	1,300	366	7,150

Table 2. Pre-Diagnostic Patient Follow-up¹ in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020, by Cancer Site

Cancer Site	Patients					Days			
	>0 Years	>1 Years	>2 Years	>3 Years	>4 Years	Mean (Standard Deviation)	Median	Minimum	Maximum
Esophagus	67,020	67,020	52,286	40,481	30,675	1,605.9 (1047.5)	1,343	366	7,152
Kidney and Pelvis	150,053	150,053	115,303	87,321	65,444	1,544.4 (996.7)	1,291	366	7,146
Leukemia	132,734	132,734	103,631	80,200	61,258	1,611.5 (1045.2)	1,356	366	7,151
Liver and Intrahepatic Bile Duct	82,026	82,026	63,794	49,199	37,388	1,608.3 (1064.8)	1,339	366	7,151
Lung and Bronchus	421,251	421,251	329,649	254,758	193,168	1,588.2 (1003.0)	1,350	366	7,152
Melanoma	337,032	337,032	267,612	209,815	161,924	1,658.0 (1064.4)	1,404	366	7,150
Non-Hodgkin's Lymphoma	183,222	183,222	141,301	108,337	82,192	1,587.0 (1046.5)	1,321	366	7,152
Other Endocrine	12,135	12,135	8,705	6,332	4,586	1,400.0 (914.8)	1,143	366	7,115
Pancreas	94,550	94,550	74,886	58,593	45,073	1,642.7 (1052.2)	1,397	366	7,152
Prostate	1,017,028	1,017,028	773,087	584,245	433,051	1,525.4 (994.8)	1,266	366	7,152
Rectum	102,761	102,761	76,296	56,435	41,417	1,481.5 (991.3)	1,210	366	7,146
Thyroid	41,755	41,755	30,888	22,876	16,724	1,484.7 (1009.6)	1,203	366	7,132
Urinary Tract or Bladder	275,186	275,186	216,178	167,107	127,060	1,602.0 (1019.6)	1,356	366	7,152
Female									
All Cancer Sites	2,659,230	2,659,230	2,059,734	1,580,056	1,196,251	1,586.6 (1035.8)	1,325	366	7,152
All Cancer Sites (3 months)	2,954,145	2,954,145	2,274,232	1,729,842	1,298,667	1,560.5 (1018.3)	1,300	366	7,152
All Cancer Sites (6 months)	2,741,295	2,741,295	2,120,604	1,623,939	1,227,509	1,581.0 (1031.7)	1,320	366	7,152
Anus	27,023	27,023	20,889	16,074	12,175	1,590.0 (1042.6)	1,325	366	7,105
Breast, Female	1,064,111	1,064,111	820,359	625,542	471,054	1,575.6 (1039.8)	1,309	366	7,152
Cervix	51,328	51,328	37,704	27,658	20,261	1,447.3 (950.7)	1,183	366	7,145
Colon	276,193	276,193	216,352	167,925	128,456	1,608.4 (1022.3)	1,363	366	7,152
Esophagus	24,171	24,171	19,135	14,970	11,520	1,635.4 (1033.4)	1,392	366	7,151
Kidney and Pelvis	105,577	105,577	81,604	62,177	46,940	1,551.8 (978.5)	1,312	366	7,143
Leukemia	113,704	113,704	89,467	69,548	53,374	1,620.1 (1024.9)	1,376	366	7,147
Liver and Intrahepatic Bile Duct	53,487	53,487	42,436	33,278	25,811	1,652.4 (1052.0)	1,410	366	7,151
Lung and Bronchus	448,364	448,364	356,089	278,765	214,043	1,630.8 (1019.0)	1,398	366	7,152
Melanoma	244,252	244,252	191,534	149,205	114,595	1,639.3 (1066.9)	1,372	366	7,152
Non-Hodgkin's Lymphoma	175,777	175,777	137,241	106,117	80,777	1,599.7 (1025.8)	1,350	366	7,147
Other Endocrine	251,076	251,076	188,755	140,102	103,487	1,519.6 (1037.0)	1,229	366	7,152
Pancreas	104,070	104,070	83,610	66,204	51,643	1,680.1 (1052.3)	1,449	366	7,151
Rectum	95,520	95,520	71,381	53,161	39,160	1,484.9 (972.3)	1,227	366	7,152

Table 2. Pre-Diagnostic Patient Follow-up¹ in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020, by Cancer Site

Cancer Site	Patients					Days			
	>0 Years	>1 Years	>2 Years	>3 Years	>4 Years	Mean (Standard Deviation)	Median	Minimum	Maximum
Thyroid	115,395	115,395	83,528	60,638	43,983	1,436.3 (976.9)	1,153	366	7,131
Urinary Tract or Bladder	106,575	106,575	84,276	65,494	49,904	1,611.9 (1009.6)	1,373	366	7,147
Uterus	192,780	192,780	149,617	115,184	87,609	1,617.2 (1087.6)	1,335	366	7,152

¹Duration of follow-up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definition

Table 3. Post-Diagnostic Patient Follow-Up¹ in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020, by Cancer Site

Cancer Site	Patients					Days			
	>0 Years	>1 Years	>2 Years	>3 Years	>4 Years	Mean (Standard Deviation)	Median	Minimum	Maximum
Any Cancer Site									
Two-Month Definition	5,166,982	3,415,083	2,483,272	1,821,632	1,325,640	994.2 (968.5)	685	1	6,786
Three-Month Definition	5,345,208	3,551,806	2,586,018	1,898,372	1,382,416	1,000.5 (969.9)	693	1	6,786
Six-Month Definition	5,775,214	3,914,634	2,865,510	2,111,734	1,542,485	1,024.7 (974.9)	721	1	6,786
Site Specific Cancer (Two-Month Definition)									
Anus	46,767	29,487	19,950	14,234	10,109	886.9 (884.2)	578	1	6,708
Breast (Female)	1,064,147	809,715	618,256	468,363	350,059	1,201.1 (1030.7)	932	1	6,785
Breast (Male)	9,751	6,798	4,973	3,578	2,519	1,004.1 (890.8)	756	2	6,228
Cervix	51,330	31,984	21,835	15,368	11,036	896.7 (930.1)	570	1	6,784
Colon	518,454	327,910	233,774	168,663	121,201	926.0 (930.5)	618	1	6,785
Esophagus	91,198	38,768	21,672	13,630	8,890	541.7 (675.9)	283	1	6,698
Kidney and Pelvis	255,638	170,971	124,005	90,183	64,346	975.1 (909.0)	695	1	6,779
Leukemia	246,449	138,561	96,056	68,207	48,291	803.9 (881.4)	478	1	6,784
Liver and Intrahepatic Bile Duct	135,524	47,040	25,273	14,982	9,127	431.7 (595.3)	196	1	6,786
Lung and Bronchus	869,654	359,167	210,373	133,397	86,419	530.6 (675.2)	261	1	6,770
Melanoma	581,292	435,860	323,307	236,325	168,962	1,102.8 (929.7)	861	1	6,785
Non-Hodgkin's Lymphoma	359,009	231,186	167,830	122,842	88,995	957.2 (939.9)	653	1	6,778
Other Endocrine	263,222	187,029	137,239	101,709	74,663	1,080.2 (984.5)	785	1	6,782
Pancreas	198,628	60,483	30,861	18,980	12,672	395.5 (584.3)	171	1	6,785
Prostate	1,017,066	767,655	579,118	433,034	319,803	1,171.6 (1006.7)	901	1	6,785
Rectum	198,289	124,730	86,756	62,062	44,634	912.3 (924.3)	594	1	6,778
Thyroid	157,152	116,061	87,011	65,146	48,059	1,139.0 (993.2)	867	1	6,776
Urinary Tract or Bladder	381,776	264,471	193,825	141,664	102,316	1,023.6 (928.8)	750	1	6,782
Uterus	192,788	134,520	97,231	71,098	51,378	1,043.4 (978.5)	743	1	6,782
Male									
All Cancer Sites	2,507,578	1,637,493	1,180,341	858,108	619,471	971.3 (953.3)	664	1	6,785
All Cancer Sites (3 months)	2,820,883	1,894,614	1,376,425	1,006,387	729,401	1,004.6 (960.7)	703	1	6,785
All Cancer Sites (6 months)	2,603,737	1,711,413	1,235,616	899,264	649,775	979.0 (955.5)	673	1	6,785
Anus	19,741	12,087	7,929	5,597	3,943	844.9 (860.9)	538	1	6,708
Breast, Male	9,749	6,798	4,973	3,578	2,519	1,004.2 (890.8)	756	2	6,228
Colon	242,241	151,546	106,593	75,534	53,569	900.4 (914.4)	599	1	6,785
Esophagus	67,020	28,381	15,517	9,616	6,183	532.4 (663.3)	284	1	6,698

Table 3. Post-Diagnostic Patient Follow-Up¹ in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020, by Cancer Site

Cancer Site	Patients					Days			
	>0 Years	>1 Years	>2 Years	>3 Years	>4 Years	Mean (Standard Deviation)	Median	Minimum	Maximum
Kidney and Pelvis	150,053	99,698	71,491	51,497	36,466	956.6 (898.3)	678	1	6,779
Leukemia	132,734	73,997	50,615	35,567	24,880	786.5 (866.2)	467	1	6,784
Liver and Intrahepatic Bile Duct	82,026	28,611	15,357	8,938	5,379	431.1 (592.7)	197	1	6,573
Lung and Bronchus	421,251	159,639	89,403	54,953	34,864	480.0 (632.0)	231	1	6,770
Melanoma	337,032	252,474	186,500	135,410	95,979	1,087.6 (912.3)	852	1	6,785
Non-Hodgkin's Lymphoma	183,222	115,783	82,765	59,672	42,694	923.4 (922.7)	620	1	6,778
Other Endocrine	12,135	7,336	5,147	3,755	2,724	896.5 (935.7)	560	1	6,727
Pancreas	94,550	28,961	14,509	8,764	5,801	391.5 (573.7)	173	1	6,299
Prostate	1,017,028	767,624	579,095	433,015	319,790	1,171.6 (1006.7)	901	1	6,785
Rectum	102,761	63,996	43,880	30,716	21,758	887.1 (909.4)	576	1	6,778
Thyroid	41,755	30,255	22,429	16,567	12,007	1,089.7 (961.7)	821	1	6,714
Urinary Tract or Bladder	275,186	192,884	140,909	102,247	73,203	1,026.4 (922.6)	761	1	6,778
Female									
All Cancer Sites	2,659,230	1,777,474	1,302,842	963,455	706,119	1,015.8 (982.2)	706	1	6,786
All Cancer Sites (3 months)	2,954,145	2,019,894	1,488,989	1,105,274	813,030	1,043.8 (987.9)	742	1	6,786
All Cancer Sites (6 months)	2,741,295	1,840,273	1,350,311	999,037	732,589	1,020.9 (983.0)	713	1	6,786
Anus	27,023	17,398	12,020	8,636	6,166	917.6 (899.6)	611	1	6,706
Breast, Female	1,064,111	809,687	618,231	468,343	350,045	1,201.1 (1030.7)	932	1	6,785
Cervix	51,328	31,982	21,834	15,368	11,036	896.7 (930.2)	570	1	6,784
Colon	276,193	176,349	127,168	93,120	67,626	948.4 (943.9)	637	1	6,778
Esophagus	24,171	10,385	6,153	4,012	2,706	567.4 (709.1)	282	1	6,294
Kidney and Pelvis	105,577	71,268	52,510	38,682	27,877	1,001.3 (923.4)	724	1	6,776
Leukemia	113,704	64,557	45,436	32,637	23,408	824.2 (898.4)	493	1	6,776
Liver and Intrahepatic Bile Duct	53,487	18,425	9,916	6,044	3,748	432.7 (599.3)	193	1	6,786
Lung and Bronchus	448,364	199,513	120,960	78,439	51,551	578.2 (710.2)	294	1	6,770
Melanoma	244,252	183,379	136,803	100,912	72,982	1,123.7 (952.7)	874	1	6,783
Non-Hodgkin's Lymphoma	175,777	115,394	85,058	63,164	46,298	992.3 (956.4)	691	1	6,777
Other Endocrine	251,076	179,688	132,088	97,952	71,938	1,089.1 (985.9)	796	1	6,782
Pancreas	104,070	31,519	16,349	10,213	6,869	399.1 (593.8)	169	1	6,785
Rectum	95,520	60,729	42,871	31,342	22,874	939.4 (939.2)	615	1	6,733

Table 3. Post-Diagnostic Patient Follow-Up¹ in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020, by Cancer Site

Cancer Site	Patients					Days			
	>0 Years	>1 Years	>2 Years	>3 Years	>4 Years	Mean (Standard Deviation)	Median	Minimum	Maximum
Thyroid	115,395	85,804	64,580	48,578	36,051	1,156.9 (1003.8)	882	1	6,776
Urinary Tract or Bladder	106,575	71,575	52,907	39,410	29,108	1,016.5 (944.8)	721	1	6,782
Uterus	192,780	134,515	97,228	71,097	51,377	1,043.4 (978.5)	743	1	6,782

¹Duration of follow-up based on date of entry to date of first occurrence of any of the following: 1) disenrollment; 2) death; 3) the end of Data Partner data availability; or 4) the end of the query period.

Table 4a. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Any Cancer Site (Two-Month Definition) in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	5,166,982	3,415,083	2,483,272	1,821,632	1,325,640
>1	5,166,982	3,415,083	2,483,272	1,821,632	1,325,640
>2	3,984,260	2,601,593	1,864,247	1,341,379	951,152
>3	3,045,588	1,952,053	1,371,867	962,371	656,137
>4	2,294,166	1,438,138	985,315	664,715	436,808
Male					
>0	2,507,578	1,637,493	1,180,341	858,108	619,471
>1	2,507,578	1,637,493	1,180,341	858,108	619,471
>2	1,924,375	1,240,558	879,456	625,674	439,537
>3	1,465,407	926,955	643,899	446,441	301,242
>4	1,097,805	678,967	459,770	305,861	199,249
Female					
>0	2,659,230	1,777,474	1,302,842	963,455	706,119
>1	2,659,230	1,777,474	1,302,842	963,455	706,119
>2	2,059,734	1,360,932	984,713	715,645	511,573
>3	1,580,056	1,025,014	727,907	515,885	354,865
>4	1,196,251	759,098	525,493	358,817	237,535

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4b. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Any Cancer Site (Three-Month Definition) in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	5,345,208	3,551,806	2,586,018	1,898,372	1,382,416
>1	5,345,208	3,551,806	2,586,018	1,898,372	1,382,416
>2	4,116,407	2,702,580	1,939,234	1,396,348	990,918
>3	3,140,770	2,024,031	1,424,163	999,802	682,123
>4	2,361,623	1,488,355	1,020,850	689,105	453,082
Male					
>0	2,603,737	1,711,413	1,235,616	899,264	649,775
>1	2,603,737	1,711,413	1,235,616	899,264	649,775
>2	1,995,651	1,295,256	919,849	655,209	460,867
>3	1,516,705	965,924	672,087	466,638	315,286
>4	1,134,003	706,048	478,896	318,979	208,108
Female					
>0	2,741,295	1,840,273	1,350,311	999,037	732,589
>1	2,741,295	1,840,273	1,350,311	999,037	732,589
>2	2,120,604	1,407,218	1,019,306	741,078	530,008
>3	1,623,939	1,058,021	752,015	533,119	366,807
>4	1,227,509	782,232	541,902	370,089	244,950

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4c. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Any Cancer Site (Six-Month Definition) in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	5,775,214	3,914,634	2,865,510	2,111,734	1,542,485
>1	5,775,214	3,914,634	2,865,510	2,111,734	1,542,485
>2	4,426,467	2,964,477	2,138,493	1,545,963	1,100,515
>3	3,353,836	2,203,679	1,558,171	1,097,689	750,456
>4	2,504,259	1,608,286	1,107,845	749,797	493,612
Male					
>0	2,820,883	1,894,614	1,376,425	1,006,387	729,401
>1	2,820,883	1,894,614	1,376,425	1,006,387	729,401
>2	2,152,077	1,427,383	1,020,084	730,151	515,302
>3	1,623,863	1,056,360	739,279	515,571	349,198
>4	1,205,478	766,352	522,671	349,462	228,421
Female					
>0	2,954,145	2,019,894	1,488,989	1,105,274	813,030
>1	2,954,145	2,019,894	1,488,989	1,105,274	813,030
>2	2,274,232	1,536,985	1,118,328	815,750	585,169
>3	1,729,842	1,147,230	818,829	582,072	401,227
>4	1,298,667	841,858	585,122	400,299	265,168

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4d. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Anal Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	46,767	29,487	19,950	14,234	10,109
>1	46,767	29,487	19,950	14,234	10,109
>2	35,932	22,421	14,974	10,563	7,352
>3	27,471	16,811	10,995	7,564	5,115
>4	20,689	12,381	7,828	5,209	3,377
Male					
>0	19,741	12,087	7,929	5,597	3,943
>1	19,741	12,087	7,929	5,597	3,943
>2	15,040	9,128	5,894	4,100	2,857
>3	11,395	6,769	4,295	2,923	1,981
>4	8,512	4,935	3,037	2,001	1,283
Female					
>0	27,023	17,398	12,020	8,636	6,166
>1	27,023	17,398	12,020	8,636	6,166
>2	20,889	13,291	9,079	6,462	4,495
>3	16,074	10,041	6,700	4,641	3,134
>4	12,175	7,445	4,791	3,208	2,094

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4e. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Female Breast Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	1,064,147	809,715	618,256	468,363	350,059
>1	1,064,147	809,715	618,256	468,363	350,059
>2	820,392	619,969	467,933	348,822	254,628
>3	625,571	466,427	345,867	251,955	177,495
>4	471,080	345,093	249,753	175,678	119,581
Female					
>0	1,064,111	809,687	618,231	468,343	350,045
>1	1,064,111	809,687	618,231	468,343	350,045
>2	820,359	619,943	467,910	348,804	254,616
>3	625,542	466,405	345,848	251,941	177,487
>4	471,054	345,074	249,737	175,666	119,574

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4f. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Male Breast Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	9,751	6,798	4,973	3,578	2,519
>1	9,751	6,798	4,973	3,578	2,519
>2	7,705	5,295	3,804	2,702	1,861
>3	5,982	4,059	2,854	1,973	1,315
>4	4,592	3,062	2,096	1,396	880
Male					
>0	9,749	6,798	4,973	3,578	2,519
>1	9,749	6,798	4,973	3,578	2,519
>2	7,703	5,295	3,804	2,702	1,861
>3	5,980	4,059	2,854	1,973	1,315
>4	4,590	3,062	2,096	1,396	880

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4g. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Cervical Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	51,330	31,984	21,835	15,368	11,036
>1	51,330	31,984	21,835	15,368	11,036
>2	37,706	23,297	15,688	10,916	7,690
>3	27,658	16,787	11,176	7,617	5,222
>4	20,261	12,012	7,845	5,161	3,407
Female					
>0	51,328	31,982	21,834	15,368	11,036
>1	51,328	31,982	21,834	15,368	11,036
>2	37,704	23,295	15,687	10,916	7,690
>3	27,658	16,787	11,176	7,617	5,222
>4	20,261	12,012	7,845	5,161	3,407

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4h. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Colon Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	518,454	327,910	233,774	168,663	121,201
>1	518,454	327,910	233,774	168,663	121,201
>2	402,414	251,110	176,432	124,855	87,535
>3	309,867	189,725	130,746	90,324	60,738
>4	234,994	140,644	94,437	62,673	40,256
Male					
>0	242,241	151,546	106,593	75,534	53,569
>1	242,241	151,546	106,593	75,534	53,569
>2	186,046	115,086	79,828	55,539	38,429
>3	141,929	86,198	58,609	39,868	26,494
>4	106,525	63,349	42,015	27,514	17,586
Female					
>0	276,193	176,349	127,168	93,120	67,626
>1	276,193	176,349	127,168	93,120	67,626
>2	216,352	136,012	96,594	69,310	49,102
>3	167,925	103,518	72,130	50,453	34,243
>4	128,456	77,286	52,415	35,156	22,669

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4i. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Endometrial Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	192,788	134,520	97,231	71,098	51,378
>1	192,788	134,520	97,231	71,098	51,378
>2	149,623	103,484	73,967	53,203	37,587
>3	115,187	78,537	55,155	38,831	26,502
>4	87,611	58,584	40,212	27,381	18,129
Female					
>0	192,780	134,515	97,228	71,097	51,377
>1	192,780	134,515	97,228	71,097	51,377
>2	149,617	103,480	73,964	53,202	37,586
>3	115,184	78,535	55,154	38,831	26,502
>4	87,609	58,583	40,211	27,381	18,129

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4j. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Esophageal Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	91,198	38,768	21,672	13,630	8,890
>1	91,198	38,768	21,672	13,630	8,890
>2	71,426	29,794	16,377	10,044	6,333
>3	55,455	22,558	12,157	7,304	4,403
>4	42,199	16,681	8,740	4,980	2,873
Male					
>0	67,020	28,381	15,517	9,616	6,183
>1	67,020	28,381	15,517	9,616	6,183
>2	52,286	21,787	11,730	7,092	4,409
>3	40,481	16,477	8,675	5,143	3,043
>4	30,675	12,131	6,203	3,480	1,965
Female					
>0	24,171	10,385	6,153	4,012	2,706
>1	24,171	10,385	6,153	4,012	2,706
>2	19,135	8,006	4,646	2,951	1,924
>3	14,970	6,080	3,481	2,160	1,360
>4	11,520	4,549	2,536	1,499	908

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4k. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Kidney, Rectal, or Pelvic Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	255,638	170,971	124,005	90,183	64,346
>1	255,638	170,971	124,005	90,183	64,346
>2	196,915	130,002	92,617	65,881	45,605
>3	149,505	96,487	67,134	46,315	30,510
>4	112,391	70,685	47,817	31,481	19,815
Male					
>0	150,053	99,698	71,491	51,497	36,466
>1	150,053	99,698	71,491	51,497	36,466
>2	115,303	75,737	53,434	37,673	25,918
>3	87,321	56,069	38,716	26,500	17,404
>4	65,444	40,928	27,429	17,880	11,300
Female					
>0	105,577	71,268	52,510	38,682	27,877
>1	105,577	71,268	52,510	38,682	27,877
>2	81,604	54,260	39,179	28,204	19,684
>3	62,177	40,413	28,414	19,811	13,103
>4	46,940	29,752	20,384	13,597	8,512

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4I. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Leukemia in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	246,449	138,561	96,056	68,207	48,291
>1	246,449	138,561	96,056	68,207	48,291
>2	193,109	106,538	72,749	50,566	34,875
>3	149,758	80,666	54,018	36,560	24,148
>4	114,642	59,910	38,919	25,196	15,964
Male					
>0	132,734	73,997	50,615	35,567	24,880
>1	132,734	73,997	50,615	35,567	24,880
>2	103,631	56,633	38,109	26,189	17,828
>3	80,200	42,801	28,217	18,908	12,343
>4	61,258	31,746	20,321	13,028	8,196
Female					
>0	113,704	64,557	45,436	32,637	23,408
>1	113,704	64,557	45,436	32,637	23,408
>2	89,467	49,898	34,635	24,374	17,044
>3	69,548	37,859	25,797	17,650	11,803
>4	53,374	28,158	18,594	12,166	7,766

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4m. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Liver or Intrahepatic Bile Duct Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	135,524	47,040	25,273	14,982	9,127
>1	135,524	47,040	25,273	14,982	9,127
>2	106,240	36,291	19,223	11,137	6,603
>3	82,487	27,575	14,382	8,120	4,608
>4	63,209	20,738	10,594	5,770	3,127
Male					
>0	82,026	28,611	15,357	8,938	5,379
>1	82,026	28,611	15,357	8,938	5,379
>2	63,794	22,017	11,654	6,665	3,928
>3	49,199	16,685	8,702	4,841	2,749
>4	37,388	12,487	6,378	3,424	1,867
Female					
>0	53,487	18,425	9,916	6,044	3,748
>1	53,487	18,425	9,916	6,044	3,748
>2	42,436	14,270	7,569	4,472	2,675
>3	33,278	10,886	5,680	3,279	1,859
>4	25,811	8,247	4,216	2,346	1,260

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4n. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Lung or Bronchial Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	869,654	359,167	210,373	133,397	86,419
>1	869,654	359,167	210,373	133,397	86,419
>2	685,773	280,146	161,356	100,070	62,782
>3	533,556	214,059	120,806	72,733	43,450
>4	407,238	160,043	87,909	50,365	28,290
Male					
>0	421,251	159,639	89,403	54,953	34,864
>1	421,251	159,639	89,403	54,953	34,864
>2	329,649	123,456	67,950	40,871	25,118
>3	254,758	93,560	50,418	29,456	17,265
>4	193,168	69,492	36,496	20,250	11,239
Female					
>0	448,364	199,513	120,960	78,439	51,551
>1	448,364	199,513	120,960	78,439	51,551
>2	356,089	156,675	93,396	59,194	37,660
>3	278,765	120,486	70,379	43,272	26,181
>4	214,043	90,540	51,406	30,112	17,049

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4o. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Melanoma in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	581,292	435,860	323,307	236,325	168,962
>1	581,292	435,860	323,307	236,325	168,962
>2	459,152	342,071	250,099	179,335	124,524
>3	359,025	263,749	189,122	131,739	87,543
>4	276,523	199,466	139,125	92,863	59,458
Male					
>0	337,032	252,474	186,500	135,410	95,979
>1	337,032	252,474	186,500	135,410	95,979
>2	267,612	198,997	144,746	102,969	70,849
>3	209,815	153,784	109,678	75,799	49,887
>4	161,924	116,507	80,798	53,361	33,869
Female					
>0	244,252	183,379	136,803	100,912	72,982
>1	244,252	183,379	136,803	100,912	72,982
>2	191,534	143,068	105,350	76,363	53,674
>3	149,205	109,960	79,442	55,938	37,655
>4	114,595	82,955	58,325	39,500	25,588

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4p. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Non-Hodgkin's Lymphoma in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	359,009	231,186	167,830	122,842	88,995
>1	359,009	231,186	167,830	122,842	88,995
>2	278,551	176,990	126,598	90,865	64,087
>3	214,462	133,634	93,698	65,551	44,445
>4	162,976	99,216	67,727	45,583	29,736
Male					
>0	183,222	115,783	82,765	59,672	42,694
>1	183,222	115,783	82,765	59,672	42,694
>2	141,301	88,136	62,093	43,818	30,538
>3	108,337	66,376	45,917	31,676	21,256
>4	82,192	49,208	33,263	22,140	14,343
Female					
>0	175,777	115,394	85,058	63,164	46,298
>1	175,777	115,394	85,058	63,164	46,298
>2	137,241	88,845	64,498	47,041	33,546
>3	106,117	67,250	47,775	33,870	23,187
>4	80,777	50,001	34,459	23,439	15,392

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4q. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Other Endocrine Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	263,222	187,029	137,239	101,709	74,663
>1	263,222	187,029	137,239	101,709	74,663
>2	197,468	138,617	100,266	72,944	52,232
>3	146,437	100,827	71,458	50,703	34,856
>4	108,076	72,625	50,175	34,248	22,746
Male					
>0	12,135	7,336	5,147	3,755	2,724
>1	12,135	7,336	5,147	3,755	2,724
>2	8,705	5,201	3,567	2,538	1,813
>3	6,332	3,718	2,491	1,729	1,183
>4	4,586	2,592	1,679	1,111	729
Female					
>0	251,076	179,688	132,088	97,952	71,938
>1	251,076	179,688	132,088	97,952	71,938
>2	188,755	133,413	96,696	70,405	50,418
>3	140,102	97,108	68,966	48,974	33,673
>4	103,487	70,032	48,495	33,137	22,017

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4r. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Pancreatic Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	198,628	60,483	30,861	18,980	12,672
>1	198,628	60,483	30,861	18,980	12,672
>2	158,503	47,130	23,440	14,013	9,115
>3	124,802	35,740	17,281	9,918	6,138
>4	96,721	26,598	12,300	6,647	3,859
Male					
>0	94,550	28,961	14,509	8,764	5,801
>1	94,550	28,961	14,509	8,764	5,801
>2	74,886	22,409	10,967	6,425	4,145
>3	58,593	16,951	8,057	4,531	2,792
>4	45,073	12,570	5,735	3,064	1,769
Female					
>0	104,070	31,519	16,349	10,213	6,869
>1	104,070	31,519	16,349	10,213	6,869
>2	83,610	24,718	12,470	7,585	4,968
>3	66,204	18,787	9,222	5,385	3,344
>4	51,643	14,026	6,563	3,581	2,088

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4s. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Prostate Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	1,017,066	767,655	579,118	433,034	319,803
>1	1,017,066	767,655	579,118	433,034	319,803
>2	773,121	576,083	426,469	311,442	223,724
>3	584,273	427,267	309,480	220,057	151,696
>4	433,074	309,863	218,648	149,053	99,328
Male					
>0	1,017,028	767,624	579,095	433,015	319,790
>1	1,017,028	767,624	579,095	433,015	319,790
>2	773,087	576,056	426,449	311,425	223,713
>3	584,245	427,245	309,464	220,044	151,688
>4	433,051	309,846	218,636	149,044	99,322

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4t. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Rectal Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	198,289	124,730	86,756	62,062	44,634
>1	198,289	124,730	86,756	62,062	44,634
>2	147,684	91,673	62,902	44,169	31,023
>3	109,602	66,796	45,032	30,917	20,899
>4	80,583	47,908	31,498	20,846	13,484
Male					
>0	102,761	63,996	43,880	30,716	21,758
>1	102,761	63,996	43,880	30,716	21,758
>2	76,296	46,953	31,773	21,805	15,102
>3	56,435	34,068	22,671	15,270	10,221
>4	41,417	24,449	15,912	10,356	6,648
Female					
>0	95,520	60,729	42,871	31,342	22,874
>1	95,520	60,729	42,871	31,342	22,874
>2	71,381	44,716	31,125	22,361	15,920
>3	53,161	32,725	22,358	15,645	10,678
>4	39,160	23,456	15,583	10,488	6,836

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4u. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Thyroid Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	157,152	116,061	87,011	65,146	48,059
>1	157,152	116,061	87,011	65,146	48,059
>2	114,417	84,572	63,157	46,761	33,752
>3	83,515	61,231	45,093	32,663	22,862
>4	60,708	43,895	31,678	22,280	15,229
Male					
>0	41,755	30,255	22,429	16,567	12,007
>1	41,755	30,255	22,429	16,567	12,007
>2	30,888	22,247	16,347	11,890	8,388
>3	22,876	16,344	11,839	8,420	5,770
>4	16,724	11,740	8,320	5,755	3,857
Female					
>0	115,395	85,804	64,580	48,578	36,051
>1	115,395	85,804	64,580	48,578	36,051
>2	83,528	62,324	46,809	34,871	25,364
>3	60,638	44,886	33,253	24,243	17,092
>4	43,983	32,154	23,357	16,525	11,372

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Table 4v. Counts of Patients by Pre and Post-Index Follow-Up¹ Time for Urinary or Bladder Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	381,776	264,471	193,825	141,664	102,316
>1	381,776	264,471	193,825	141,664	102,316
>2	300,468	205,090	147,474	105,450	73,912
>3	232,614	155,263	108,986	75,632	50,430
>4	176,975	115,030	78,321	51,823	32,868
Male					
>0	275,186	192,884	140,909	102,247	73,203
>1	275,186	192,884	140,909	102,247	73,203
>2	216,178	149,462	107,117	76,020	52,829
>3	167,107	113,046	79,151	54,561	36,152
>4	127,060	83,779	56,989	37,470	23,675
Female					
>0	106,575	71,575	52,907	39,410	29,108
>1	106,575	71,575	52,907	39,410	29,108
>2	84,276	55,617	40,349	29,424	21,079
>3	65,494	42,206	29,827	21,065	14,274
>4	49,904	31,242	21,326	14,349	9,191

¹Duration of Follow-Up based on date of entry to date of first diagnosis of site-specific cancer, among the two diagnosis definitions

Appendix A. Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date (October 19, 2020)

DP ID	Start Date¹	End Date¹
DP01	1/1/2000	4/30/2019
DP02	1/1/2005	7/31/2018
DP03	1/1/2008	12/31/2019
DP04	1/1/2000	4/30/2018
DP05	1/1/2000	7/31/2019
DP06	1/1/2000	12/31/2017
DP07	1/1/2000	4/30/2018
DP08	1/1/2004	8/31/2019
DP09	1/1/2000	1/31/2019
DP10	1/1/2000	7/31/2017
DP11	6/1/2007	10/31/2019
DP12	1/1/2010	12/31/2019
DP13	1/1/2008	2/29/2020
DP14	1/1/2006	1/31/2020

¹The start and end dates are based on the minimum and maximum dates within each DP. The month with the maximum date must have at least 80% of the number of records in the previous month.

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
Anal Cancer			
154.2	Malignant neoplasm of anal canal	Diagnosis	ICD-9-CM
154.3	Malignant neoplasm of anus, unspecified site	Diagnosis	ICD-9-CM
154.8	Malignant neoplasm of other sites of rectum, rectosigmoid junction, and anus	Diagnosis	ICD-9-CM
C21.0	Malignant neoplasm of anus, unspecified	Diagnosis	ICD-10-CM
C21.1	Malignant neoplasm of anal canal	Diagnosis	ICD-10-CM
C21.2	Malignant neoplasm of cloacogenic zone	Diagnosis	ICD-10-CM
C21.8	Malignant neoplasm of overlapping sites of rectum, anus and anal canal	Diagnosis	ICD-10-CM
Breast Cancer, Female			
174	Malignant neoplasm of female breast	Diagnosis	ICD-9-CM
174.0	Malignant neoplasm of nipple and areola of female breast	Diagnosis	ICD-9-CM
174.1	Malignant neoplasm of central portion of female breast	Diagnosis	ICD-9-CM
174.2	Malignant neoplasm of upper-inner quadrant of female breast	Diagnosis	ICD-9-CM
174.3	Malignant neoplasm of lower-inner quadrant of female breast	Diagnosis	ICD-9-CM
174.4	Malignant neoplasm of upper-outer quadrant of female breast	Diagnosis	ICD-9-CM
174.5	Malignant neoplasm of lower-outer quadrant of female breast	Diagnosis	ICD-9-CM
174.6	Malignant neoplasm of axillary tail of female breast	Diagnosis	ICD-9-CM
174.8	Malignant neoplasm of other specified sites of female breast	Diagnosis	ICD-9-CM
174.9	Malignant neoplasm of breast (female), unspecified site	Diagnosis	ICD-9-CM
C50.011	Malignant neoplasm of nipple and areola, right female breast	Diagnosis	ICD-10-CM
C50.012	Malignant neoplasm of nipple and areola, left female breast	Diagnosis	ICD-10-CM
C50.019	Malignant neoplasm of nipple and areola, unspecified female breast	Diagnosis	ICD-10-CM
C50.111	Malignant neoplasm of central portion of right female breast	Diagnosis	ICD-10-CM
C50.112	Malignant neoplasm of central portion of left female breast	Diagnosis	ICD-10-CM
C50.119	Malignant neoplasm of central portion of unspecified female breast	Diagnosis	ICD-10-CM
C50.211	Malignant neoplasm of upper-inner quadrant of right female breast	Diagnosis	ICD-10-CM
C50.212	Malignant neoplasm of upper-inner quadrant of left female breast	Diagnosis	ICD-10-CM
C50.219	Malignant neoplasm of upper-inner quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.311	Malignant neoplasm of lower-inner quadrant of right female breast	Diagnosis	ICD-10-CM
C50.312	Malignant neoplasm of lower-inner quadrant of left female breast	Diagnosis	ICD-10-CM
C50.319	Malignant neoplasm of lower-inner quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.411	Malignant neoplasm of upper-outer quadrant of right female breast	Diagnosis	ICD-10-CM
C50.412	Malignant neoplasm of upper-outer quadrant of left female breast	Diagnosis	ICD-10-CM
C50.419	Malignant neoplasm of upper-outer quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.511	Malignant neoplasm of lower-outer quadrant of right female breast	Diagnosis	ICD-10-CM
C50.512	Malignant neoplasm of lower-outer quadrant of left female breast	Diagnosis	ICD-10-CM
C50.519	Malignant neoplasm of lower-outer quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.611	Malignant neoplasm of axillary tail of right female breast	Diagnosis	ICD-10-CM
C50.612	Malignant neoplasm of axillary tail of left female breast	Diagnosis	ICD-10-CM
C50.619	Malignant neoplasm of axillary tail of unspecified female breast	Diagnosis	ICD-10-CM
C50.811	Malignant neoplasm of overlapping sites of right female breast	Diagnosis	ICD-10-CM
C50.812	Malignant neoplasm of overlapping sites of left female breast	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
C50.819	Malignant neoplasm of overlapping sites of unspecified female breast	Diagnosis	ICD-10-CM
C50.911	Malignant neoplasm of unspecified site of right female breast	Diagnosis	ICD-10-CM
C50.912	Malignant neoplasm of unspecified site of left female breast	Diagnosis	ICD-10-CM
C50.919	Malignant neoplasm of unspecified site of unspecified female breast	Diagnosis	ICD-10-CM
Breast Cancer, Male			
175	Malignant neoplasm of male breast	Diagnosis	ICD-9-CM
175.0	Malignant neoplasm of nipple and areola of male breast	Diagnosis	ICD-9-CM
175.9	Malignant neoplasm of other and unspecified sites of male breast	Diagnosis	ICD-9-CM
C50.021	Malignant neoplasm of nipple and areola, right male breast	Diagnosis	ICD-10-CM
C50.022	Malignant neoplasm of nipple and areola, left male breast	Diagnosis	ICD-10-CM
C50.029	Malignant neoplasm of nipple and areola, unspecified male breast	Diagnosis	ICD-10-CM
C50.121	Malignant neoplasm of central portion of right male breast	Diagnosis	ICD-10-CM
C50.122	Malignant neoplasm of central portion of left male breast	Diagnosis	ICD-10-CM
C50.129	Malignant neoplasm of central portion of unspecified male breast	Diagnosis	ICD-10-CM
C50.221	Malignant neoplasm of upper-inner quadrant of right male breast	Diagnosis	ICD-10-CM
C50.222	Malignant neoplasm of upper-inner quadrant of left male breast	Diagnosis	ICD-10-CM
C50.229	Malignant neoplasm of upper-inner quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.321	Malignant neoplasm of lower-inner quadrant of right male breast	Diagnosis	ICD-10-CM
C50.322	Malignant neoplasm of lower-inner quadrant of left male breast	Diagnosis	ICD-10-CM
C50.329	Malignant neoplasm of lower-inner quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.421	Malignant neoplasm of upper-outer quadrant of right male breast	Diagnosis	ICD-10-CM
C50.422	Malignant neoplasm of upper-outer quadrant of left male breast	Diagnosis	ICD-10-CM
C50.429	Malignant neoplasm of upper-outer quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.521	Malignant neoplasm of lower-outer quadrant of right male breast	Diagnosis	ICD-10-CM
C50.522	Malignant neoplasm of lower-outer quadrant of left male breast	Diagnosis	ICD-10-CM
C50.529	Malignant neoplasm of lower-outer quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.621	Malignant neoplasm of axillary tail of right male breast	Diagnosis	ICD-10-CM
C50.622	Malignant neoplasm of axillary tail of left male breast	Diagnosis	ICD-10-CM
C50.629	Malignant neoplasm of axillary tail of unspecified male breast	Diagnosis	ICD-10-CM
C50.821	Malignant neoplasm of overlapping sites of right male breast	Diagnosis	ICD-10-CM
C50.822	Malignant neoplasm of overlapping sites of left male breast	Diagnosis	ICD-10-CM
C50.829	Malignant neoplasm of overlapping sites of unspecified male breast	Diagnosis	ICD-10-CM
C50.921	Malignant neoplasm of unspecified site of right male breast	Diagnosis	ICD-10-CM
C50.922	Malignant neoplasm of unspecified site of left male breast	Diagnosis	ICD-10-CM
C50.929	Malignant neoplasm of unspecified site of unspecified male breast	Diagnosis	ICD-10-CM
Cervical			
180	Malignant neoplasm of cervix uteri	Diagnosis	ICD-9-CM
180.0	Malignant neoplasm of endocervix	Diagnosis	ICD-9-CM
180.1	Malignant neoplasm of exocervix	Diagnosis	ICD-9-CM
180.8	Malignant neoplasm of other specified sites of cervix	Diagnosis	ICD-9-CM
180.9	Malignant neoplasm of cervix uteri, unspecified site	Diagnosis	ICD-9-CM
C53.0	Malignant neoplasm of endocervix	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
C53.1	Malignant neoplasm of exocervix	Diagnosis	ICD-10-CM
C53.8	Malignant neoplasm of overlapping sites of cervix uteri	Diagnosis	ICD-10-CM
C53.9	Malignant neoplasm of cervix uteri, unspecified	Diagnosis	ICD-10-CM
Colon Cancer			
153	Malignant neoplasm of colon	Diagnosis	ICD-9-CM
153.0	Malignant neoplasm of hepatic flexure	Diagnosis	ICD-9-CM
153.1	Malignant neoplasm of transverse colon	Diagnosis	ICD-9-CM
153.2	Malignant neoplasm of descending colon	Diagnosis	ICD-9-CM
153.3	Malignant neoplasm of sigmoid colon	Diagnosis	ICD-9-CM
153.4	Malignant neoplasm of cecum	Diagnosis	ICD-9-CM
153.5	Malignant neoplasm of appendix	Diagnosis	ICD-9-CM
153.6	Malignant neoplasm of ascending colon	Diagnosis	ICD-9-CM
153.7	Malignant neoplasm of splenic flexure	Diagnosis	ICD-9-CM
153.8	Malignant neoplasm of other specified sites of large intestine	Diagnosis	ICD-9-CM
153.9	Malignant neoplasm of colon, unspecified site	Diagnosis	ICD-9-CM
C18.0	Malignant neoplasm of cecum	Diagnosis	ICD-10-CM
C18.1	Malignant neoplasm of appendix	Diagnosis	ICD-10-CM
C18.2	Malignant neoplasm of ascending colon	Diagnosis	ICD-10-CM
C18.3	Malignant neoplasm of hepatic flexure	Diagnosis	ICD-10-CM
C18.4	Malignant neoplasm of transverse colon	Diagnosis	ICD-10-CM
C18.5	Malignant neoplasm of splenic flexure	Diagnosis	ICD-10-CM
C18.6	Malignant neoplasm of descending colon	Diagnosis	ICD-10-CM
C18.7	Malignant neoplasm of sigmoid colon	Diagnosis	ICD-10-CM
C18.8	Malignant neoplasm of overlapping sites of colon	Diagnosis	ICD-10-CM
C18.9	Malignant neoplasm of colon, unspecified	Diagnosis	ICD-10-CM
Endometrial Cancer			
179	Malignant neoplasm of uterus, part unspecified	Diagnosis	ICD-9-CM
182	Malignant neoplasm of body of uterus	Diagnosis	ICD-9-CM
182.0	Malignant neoplasm of corpus uteri, except isthmus	Diagnosis	ICD-9-CM
182.1	Malignant neoplasm of isthmus	Diagnosis	ICD-9-CM
182.8	Malignant neoplasm of other specified sites of body of uterus	Diagnosis	ICD-9-CM
C54.0	Malignant neoplasm of isthmus uteri	Diagnosis	ICD-10-CM
C54.1	Malignant neoplasm of endometrium	Diagnosis	ICD-10-CM
C54.2	Malignant neoplasm of myometrium	Diagnosis	ICD-10-CM
C54.3	Malignant neoplasm of fundus uteri	Diagnosis	ICD-10-CM
C54.8	Malignant neoplasm of overlapping sites of corpus uteri	Diagnosis	ICD-10-CM
C54.9	Malignant neoplasm of corpus uteri, unspecified	Diagnosis	ICD-10-CM
C55	Malignant neoplasm of uterus, part unspecified	Diagnosis	ICD-10-CM
Esophageal Cancer			
150	Malignant neoplasm of esophagus	Diagnosis	ICD-9-CM
150.0	Malignant neoplasm of cervical esophagus	Diagnosis	ICD-9-CM
150.1	Malignant neoplasm of thoracic esophagus	Diagnosis	ICD-9-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
150.2	Malignant neoplasm of abdominal esophagus	Diagnosis	ICD-9-CM
150.3	Malignant neoplasm of upper third of esophagus	Diagnosis	ICD-9-CM
150.4	Malignant neoplasm of middle third of esophagus	Diagnosis	ICD-9-CM
150.5	Malignant neoplasm of lower third of esophagus	Diagnosis	ICD-9-CM
150.8	Malignant neoplasm of other specified part of esophagus	Diagnosis	ICD-9-CM
150.9	Malignant neoplasm of esophagus, unspecified site	Diagnosis	ICD-9-CM
C15.3	Malignant neoplasm of upper third of esophagus	Diagnosis	ICD-10-CM
C15.4	Malignant neoplasm of middle third of esophagus	Diagnosis	ICD-10-CM
C15.5	Malignant neoplasm of lower third of esophagus	Diagnosis	ICD-10-CM
C15.8	Malignant neoplasm of overlapping sites of esophagus	Diagnosis	ICD-10-CM
C15.9	Malignant neoplasm of esophagus, unspecified	Diagnosis	ICD-10-CM
Kidney, Renal, and Pelvic Cancer			
189	Malignant neoplasm of kidney and other and unspecified urinary organs	Diagnosis	ICD-9-CM
189.0	Malignant neoplasm of kidney, except pelvis	Diagnosis	ICD-9-CM
189.1	Malignant neoplasm of renal pelvis	Diagnosis	ICD-9-CM
C64.1	Malignant neoplasm of right kidney, except renal pelvis	Diagnosis	ICD-10-CM
C64.2	Malignant neoplasm of left kidney, except renal pelvis	Diagnosis	ICD-10-CM
C64.9	Malignant neoplasm of unspecified kidney, except renal pelvis	Diagnosis	ICD-10-CM
C65.1	Malignant neoplasm of right renal pelvis	Diagnosis	ICD-10-CM
C65.2	Malignant neoplasm of left renal pelvis	Diagnosis	ICD-10-CM
C65.9	Malignant neoplasm of unspecified renal pelvis	Diagnosis	ICD-10-CM
Leukemia			
202.4	Leukemic reticuloendotheliosis	Diagnosis	ICD-9-CM
202.40	Leukemic reticuloendotheliosis, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
202.41	Leukemic reticuloendotheliosis of lymph nodes of head, face, and neck	Diagnosis	ICD-9-CM
202.42	Leukemic reticuloendotheliosis of intrathoracic lymph nodes	Diagnosis	ICD-9-CM
202.43	Leukemic reticuloendotheliosis of intra-abdominal lymph nodes	Diagnosis	ICD-9-CM
202.44	Leukemic reticuloendotheliosis of lymph nodes of axilla and upper limb	Diagnosis	ICD-9-CM
202.45	Leukemic reticuloendotheliosis of lymph nodes of inguinal region and lower limb	Diagnosis	ICD-9-CM
202.46	Leukemic reticuloendotheliosis of intrapelvic lymph nodes	Diagnosis	ICD-9-CM
202.47	Leukemic reticuloendotheliosis of spleen	Diagnosis	ICD-9-CM
202.48	Leukemic reticuloendotheliosis of lymph nodes of multiple sites	Diagnosis	ICD-9-CM
203.1	Plasma cell leukemia	Diagnosis	ICD-9-CM
203.10	Plasma cell leukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM
203.11	Plasma cell leukemia in remission	Diagnosis	ICD-9-CM
204.0	Acute lymphoid leukemia	Diagnosis	ICD-9-CM
204.00	Acute lymphoid leukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM
204.01	Acute lymphoid leukemia in remission	Diagnosis	ICD-9-CM
204.1	Chronic lymphoid leukemia	Diagnosis	ICD-9-CM
204.10	Chronic lymphoid leukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
204.11	Chronic lymphoid leukemia in remission	Diagnosis	ICD-9-CM
204.2	Subacute lymphoid leukemia	Diagnosis	ICD-9-CM
204.20	Subacute lymphoid leukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM
204.21	Subacute lymphoid leukemia in remission	Diagnosis	ICD-9-CM
204.8	Other lymphoid leukemia	Diagnosis	ICD-9-CM
204.80	Other lymphoid leukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM
204.81	Other lymphoid leukemia in remission	Diagnosis	ICD-9-CM
204.9	Unspecified lymphoid leukemia	Diagnosis	ICD-9-CM
204.90	Unspecified lymphoid leukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM
204.91	Unspecified lymphoid leukemia in remission	Diagnosis	ICD-9-CM
205	Myeloid leukemia	Diagnosis	ICD-9-CM
205.0	Acute myeloid leukemia	Diagnosis	ICD-9-CM
205.00	Acute myeloid leukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM
205.01	Acute myeloid leukemia in remission	Diagnosis	ICD-9-CM
205.1	Chronic myeloid leukemia	Diagnosis	ICD-9-CM
205.10	Chronic myeloid leukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM
205.11	Chronic myeloid leukemia in remission	Diagnosis	ICD-9-CM
205.2	Subacute myeloid leukemia	Diagnosis	ICD-9-CM
205.20	Subacute myeloid leukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM
205.21	Subacute myeloid leukemia in remission	Diagnosis	ICD-9-CM
205.3	Myeloid sarcoma	Diagnosis	ICD-9-CM
205.30	Myeloid sarcoma, without mention of having achieved remission	Diagnosis	ICD-9-CM
205.31	Myeloid sarcoma in remission	Diagnosis	ICD-9-CM
205.8	Other myeloid leukemia	Diagnosis	ICD-9-CM
205.80	Other myeloid leukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM
205.81	Other myeloid leukemia in remission	Diagnosis	ICD-9-CM
205.9	Unspecified myeloid leukemia	Diagnosis	ICD-9-CM
205.90	Unspecified myeloid leukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM
205.91	Unspecified myeloid leukemia in remission	Diagnosis	ICD-9-CM
206	Monocytic leukemia	Diagnosis	ICD-9-CM
206.0	Acute monocytic leukemia	Diagnosis	ICD-9-CM
206.00	Acute monocytic leukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM
206.01	Acute monocytic leukemia in remission	Diagnosis	ICD-9-CM
206.1	Chronic monocytic leukemia	Diagnosis	ICD-9-CM
206.10	Chronic monocytic leukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM
206.11	Chronic monocytic leukemia in remission	Diagnosis	ICD-9-CM
206.2	Subacute monocytic leukemia	Diagnosis	ICD-9-CM
206.20	Subacute monocytic leukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM
206.21	Subacute monocytic leukemia in remission	Diagnosis	ICD-9-CM
206.8	Other monocytic leukemia	Diagnosis	ICD-9-CM
206.80	Other monocytic leukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM
206.81	Other monocytic leukemia in remission	Diagnosis	ICD-9-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
206.9	Unspecified monocytic leukemia	Diagnosis	ICD-9-CM
206.90	Unspecified monocytic leukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM
206.91	Unspecified monocytic leukemia in remission	Diagnosis	ICD-9-CM
207	Other specified leukemia	Diagnosis	ICD-9-CM
207.0	Acute erythremia and erythroleukemia	Diagnosis	ICD-9-CM
207.00	Acute erythremia and erythroleukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM
207.01	Acute erythremia and erythroleukemia in remission	Diagnosis	ICD-9-CM
207.1	Chronic erythremia	Diagnosis	ICD-9-CM
207.10	Chronic erythremia, without mention of having achieved remission	Diagnosis	ICD-9-CM
207.11	Chronic erythremia in remission	Diagnosis	ICD-9-CM
207.2	Megakaryocytic leukemia	Diagnosis	ICD-9-CM
207.20	Megakaryocytic leukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM
207.21	Megakaryocytic leukemia in remission	Diagnosis	ICD-9-CM
207.8	Other specified leukemia	Diagnosis	ICD-9-CM
207.80	Other specified leukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM
207.81	Other specified leukemia in remission	Diagnosis	ICD-9-CM
208.0	Acute leukemia of unspecified cell type	Diagnosis	ICD-9-CM
208.00	Acute leukemia of unspecified cell type, without mention of having achieved remission	Diagnosis	ICD-9-CM
208.01	Acute leukemia of unspecified cell type in remission	Diagnosis	ICD-9-CM
208.1	Chronic leukemia of unspecified cell type	Diagnosis	ICD-9-CM
208.10	Chronic leukemia of unspecified cell type, without mention of having achieved remission	Diagnosis	ICD-9-CM
208.11	Chronic leukemia of unspecified cell type in remission	Diagnosis	ICD-9-CM
208.2	Subacute leukemia of unspecified cell type	Diagnosis	ICD-9-CM
208.20	Subacute leukemia of unspecified cell type, without mention of having achieved remission	Diagnosis	ICD-9-CM
208.21	Subacute leukemia of unspecified cell type in remission	Diagnosis	ICD-9-CM
208.8	Other leukemia of unspecified cell type	Diagnosis	ICD-9-CM
208.80	Other leukemia of unspecified cell type, without mention of having achieved remission	Diagnosis	ICD-9-CM
208.81	Other leukemia of unspecified cell type in remission	Diagnosis	ICD-9-CM
208.9	Unspecified leukemia	Diagnosis	ICD-9-CM
208.90	Unspecified leukemia, without mention of having achieved remission	Diagnosis	ICD-9-CM
208.91	Unspecified leukemia in remission	Diagnosis	ICD-9-CM
C90.10	Plasma cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C90.11	Plasma cell leukemia in remission	Diagnosis	ICD-10-CM
C91.00	Acute lymphoblastic leukemia not having achieved remission	Diagnosis	ICD-10-CM
C91.01	Acute lymphoblastic leukemia, in remission	Diagnosis	ICD-10-CM
C91.10	Chronic lymphocytic leukemia of B-cell type not having achieved remission	Diagnosis	ICD-10-CM
C91.11	Chronic lymphocytic leukemia of B-cell type in remission	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
C91.30	Prolymphocytic leukemia of B-cell type not having achieved remission	Diagnosis	ICD-10-CM
C91.31	Prolymphocytic leukemia of B-cell type, in remission	Diagnosis	ICD-10-CM
C91.40	Hairy cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C91.41	Hairy cell leukemia, in remission	Diagnosis	ICD-10-CM
C91.50	Adult T-cell lymphoma/leukemia (HTLV-1-associated) not having achieved remission	Diagnosis	ICD-10-CM
C91.51	Adult T-cell lymphoma/leukemia (HTLV-1-associated), in remission	Diagnosis	ICD-10-CM
C91.60	Prolymphocytic leukemia of T-cell type not having achieved remission	Diagnosis	ICD-10-CM
C91.61	Prolymphocytic leukemia of T-cell type, in remission	Diagnosis	ICD-10-CM
C91.90	Lymphoid leukemia, unspecified not having achieved remission	Diagnosis	ICD-10-CM
C91.91	Lymphoid leukemia, unspecified, in remission	Diagnosis	ICD-10-CM
C91.A0	Mature B-cell leukemia Burkitt-type not having achieved remission	Diagnosis	ICD-10-CM
C91.A1	Mature B-cell leukemia Burkitt-type, in remission	Diagnosis	ICD-10-CM
C91.Z0	Other lymphoid leukemia not having achieved remission	Diagnosis	ICD-10-CM
C91.Z1	Other lymphoid leukemia, in remission	Diagnosis	ICD-10-CM
C92.00	Acute myeloblastic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C92.01	Acute myeloblastic leukemia, in remission	Diagnosis	ICD-10-CM
C92.10	Chronic myeloid leukemia, BCR/ABL-positive, not having achieved remission	Diagnosis	ICD-10-CM
C92.11	Chronic myeloid leukemia, BCR/ABL-positive, in remission	Diagnosis	ICD-10-CM
C92.20	Atypical chronic myeloid leukemia, BCR/ABL-negative, not having achieved remission	Diagnosis	ICD-10-CM
C92.21	Atypical chronic myeloid leukemia, BCR/ABL-negative, in remission	Diagnosis	ICD-10-CM
C92.30	Myeloid sarcoma, not having achieved remission	Diagnosis	ICD-10-CM
C92.31	Myeloid sarcoma, in remission	Diagnosis	ICD-10-CM
C92.40	Acute promyelocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C92.41	Acute promyelocytic leukemia, in remission	Diagnosis	ICD-10-CM
C92.50	Acute myelomonocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C92.51	Acute myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM
C92.60	Acute myeloid leukemia with 11q23-abnormality not having achieved remission	Diagnosis	ICD-10-CM
C92.61	Acute myeloid leukemia with 11q23-abnormality in remission	Diagnosis	ICD-10-CM
C92.90	Myeloid leukemia, unspecified, not having achieved remission	Diagnosis	ICD-10-CM
C92.91	Myeloid leukemia, unspecified in remission	Diagnosis	ICD-10-CM
C92.A0	Acute myeloid leukemia with multilineage dysplasia, not having achieved remission	Diagnosis	ICD-10-CM
C92.A1	Acute myeloid leukemia with multilineage dysplasia, in remission	Diagnosis	ICD-10-CM
C92.Z0	Other myeloid leukemia not having achieved remission	Diagnosis	ICD-10-CM
C92.Z1	Other myeloid leukemia, in remission	Diagnosis	ICD-10-CM
C93.00	Acute monoblastic/monocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C93.01	Acute monoblastic/monocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.10	Chronic myelomonocytic leukemia not having achieved remission	Diagnosis	ICD-10-CM
C93.11	Chronic myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.30	Juvenile myelomonocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
C93.31	Juvenile myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.90	Monocytic leukemia, unspecified, not having achieved remission	Diagnosis	ICD-10-CM
C93.91	Monocytic leukemia, unspecified in remission	Diagnosis	ICD-10-CM
C93.Z0	Other monocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C93.Z1	Other monocytic leukemia, in remission	Diagnosis	ICD-10-CM
C94.00	Acute erythroid leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C94.01	Acute erythroid leukemia, in remission	Diagnosis	ICD-10-CM
C94.20	Acute megakaryoblastic leukemia not having achieved remission	Diagnosis	ICD-10-CM
C94.21	Acute megakaryoblastic leukemia, in remission	Diagnosis	ICD-10-CM
C94.30	Mast cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C94.31	Mast cell leukemia, in remission	Diagnosis	ICD-10-CM
C94.80	Other specified leukemias not having achieved remission	Diagnosis	ICD-10-CM
C94.81	Other specified leukemias, in remission	Diagnosis	ICD-10-CM
C95.00	Acute leukemia of unspecified cell type not having achieved remission	Diagnosis	ICD-10-CM
C95.01	Acute leukemia of unspecified cell type, in remission	Diagnosis	ICD-10-CM
C95.10	Chronic leukemia of unspecified cell type not having achieved remission	Diagnosis	ICD-10-CM
C95.11	Chronic leukemia of unspecified cell type, in remission	Diagnosis	ICD-10-CM
C95.90	Leukemia, unspecified not having achieved remission	Diagnosis	ICD-10-CM
C95.91	Leukemia, unspecified, in remission	Diagnosis	ICD-10-CM
Liver and Intrahepatic Bile Duct Cancer			
155	Malignant neoplasm of liver and intrahepatic bile ducts	Diagnosis	ICD-9-CM
155.0	Malignant neoplasm of liver, primary	Diagnosis	ICD-9-CM
155.1	Malignant neoplasm of intrahepatic bile ducts	Diagnosis	ICD-9-CM
C22.0	Liver cell carcinoma	Diagnosis	ICD-10-CM
C22.1	Intrahepatic bile duct carcinoma	Diagnosis	ICD-10-CM
C22.2	Hepatoblastoma	Diagnosis	ICD-10-CM
C22.3	Angiosarcoma of liver	Diagnosis	ICD-10-CM
C22.4	Other sarcomas of liver	Diagnosis	ICD-10-CM
C22.7	Other specified carcinomas of liver	Diagnosis	ICD-10-CM
C22.8	Malignant neoplasm of liver, primary, unspecified as to type	Diagnosis	ICD-10-CM
Lung and Bronchial Cancer			
162	Malignant neoplasm of trachea, bronchus, and lung	Diagnosis	ICD-9-CM
162.2	Malignant neoplasm of main bronchus	Diagnosis	ICD-9-CM
162.3	Malignant neoplasm of upper lobe, bronchus, or lung	Diagnosis	ICD-9-CM
162.4	Malignant neoplasm of middle lobe, bronchus, or lung	Diagnosis	ICD-9-CM
162.5	Malignant neoplasm of lower lobe, bronchus, or lung	Diagnosis	ICD-9-CM
162.8	Malignant neoplasm of other parts of bronchus or lung	Diagnosis	ICD-9-CM
162.9	Malignant neoplasm of bronchus and lung, unspecified site	Diagnosis	ICD-9-CM
C34.00	Malignant neoplasm of unspecified main bronchus	Diagnosis	ICD-10-CM
C34.01	Malignant neoplasm of right main bronchus	Diagnosis	ICD-10-CM
C34.02	Malignant neoplasm of left main bronchus	Diagnosis	ICD-10-CM
C34.10	Malignant neoplasm of upper lobe, unspecified bronchus or lung	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
C34.11	Malignant neoplasm of upper lobe, right bronchus or lung	Diagnosis	ICD-10-CM
C34.12	Malignant neoplasm of upper lobe, left bronchus or lung	Diagnosis	ICD-10-CM
C34.2	Malignant neoplasm of middle lobe, bronchus or lung	Diagnosis	ICD-10-CM
C34.30	Malignant neoplasm of lower lobe, unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.31	Malignant neoplasm of lower lobe, right bronchus or lung	Diagnosis	ICD-10-CM
C34.32	Malignant neoplasm of lower lobe, left bronchus or lung	Diagnosis	ICD-10-CM
C34.80	Malignant neoplasm of overlapping sites of unspecified bronchus and lung	Diagnosis	ICD-10-CM
C34.81	Malignant neoplasm of overlapping sites of right bronchus and lung	Diagnosis	ICD-10-CM
C34.82	Malignant neoplasm of overlapping sites of left bronchus and lung	Diagnosis	ICD-10-CM
C34.90	Malignant neoplasm of unspecified part of unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.91	Malignant neoplasm of unspecified part of right bronchus or lung	Diagnosis	ICD-10-CM
C34.92	Malignant neoplasm of unspecified part of left bronchus or lung	Diagnosis	ICD-10-CM
Melanoma			
172	Malignant melanoma of skin	Diagnosis	ICD-9-CM
172.0	Malignant melanoma of skin of lip	Diagnosis	ICD-9-CM
172.1	Malignant melanoma of skin of eyelid, including canthus	Diagnosis	ICD-9-CM
172.2	Malignant melanoma of skin of ear and external auditory canal	Diagnosis	ICD-9-CM
172.3	Malignant melanoma of skin of other and unspecified parts of face	Diagnosis	ICD-9-CM
172.4	Malignant melanoma of skin of scalp and neck	Diagnosis	ICD-9-CM
172.5	Malignant melanoma of skin of trunk, except scrotum	Diagnosis	ICD-9-CM
172.6	Malignant melanoma of skin of upper limb, including shoulder	Diagnosis	ICD-9-CM
172.7	Malignant melanoma of skin of lower limb, including hip	Diagnosis	ICD-9-CM
172.8	Malignant melanoma of other specified sites of skin	Diagnosis	ICD-9-CM
172.9	Melanoma of skin, site unspecified	Diagnosis	ICD-9-CM
C43.0	Malignant melanoma of lip	Diagnosis	ICD-10-CM
C43.10	Malignant melanoma of unspecified eyelid, including canthus	Diagnosis	ICD-10-CM
C43.11	Malignant melanoma of right eyelid, including canthus	Diagnosis	ICD-10-CM
C43.12	Malignant melanoma of left eyelid, including canthus	Diagnosis	ICD-10-CM
C43.20	Malignant melanoma of unspecified ear and external auricular canal	Diagnosis	ICD-10-CM
C43.21	Malignant melanoma of right ear and external auricular canal	Diagnosis	ICD-10-CM
C43.22	Malignant melanoma of left ear and external auricular canal	Diagnosis	ICD-10-CM
C43.30	Malignant melanoma of unspecified part of face	Diagnosis	ICD-10-CM
C43.31	Malignant melanoma of nose	Diagnosis	ICD-10-CM
C43.39	Malignant melanoma of other parts of face	Diagnosis	ICD-10-CM
C43.4	Malignant melanoma of scalp and neck	Diagnosis	ICD-10-CM
C43.51	Malignant melanoma of anal skin	Diagnosis	ICD-10-CM
C43.52	Malignant melanoma of skin of breast	Diagnosis	ICD-10-CM
C43.59	Malignant melanoma of other part of trunk	Diagnosis	ICD-10-CM
C43.60	Malignant melanoma of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.61	Malignant melanoma of right upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.62	Malignant melanoma of left upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.70	Malignant melanoma of unspecified lower limb, including hip	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
C43.71	Malignant melanoma of right lower limb, including hip	Diagnosis	ICD-10-CM
C43.72	Malignant melanoma of left lower limb, including hip	Diagnosis	ICD-10-CM
C43.8	Malignant melanoma of overlapping sites of skin	Diagnosis	ICD-10-CM
C43.9	Malignant melanoma of skin, unspecified	Diagnosis	ICD-10-CM
D03.0	Melanoma in situ of lip	Diagnosis	ICD-10-CM
D03.10	Melanoma in situ of unspecified eyelid, including canthus	Diagnosis	ICD-10-CM
D03.11	Melanoma in situ of right eyelid, including canthus	Diagnosis	ICD-10-CM
D03.12	Melanoma in situ of left eyelid, including canthus	Diagnosis	ICD-10-CM
D03.20	Melanoma in situ of unspecified ear and external auricular canal	Diagnosis	ICD-10-CM
D03.21	Melanoma in situ of right ear and external auricular canal	Diagnosis	ICD-10-CM
D03.22	Melanoma in situ of left ear and external auricular canal	Diagnosis	ICD-10-CM
D03.30	Melanoma in situ of unspecified part of face	Diagnosis	ICD-10-CM
D03.39	Melanoma in situ of other parts of face	Diagnosis	ICD-10-CM
D03.4	Melanoma in situ of scalp and neck	Diagnosis	ICD-10-CM
D03.51	Melanoma in situ of anal skin	Diagnosis	ICD-10-CM
D03.52	Melanoma in situ of breast (skin) (soft tissue)	Diagnosis	ICD-10-CM
D03.59	Melanoma in situ of other part of trunk	Diagnosis	ICD-10-CM
D03.60	Melanoma in situ of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
D03.61	Melanoma in situ of right upper limb, including shoulder	Diagnosis	ICD-10-CM
D03.62	Melanoma in situ of left upper limb, including shoulder	Diagnosis	ICD-10-CM
D03.70	Melanoma in situ of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
D03.71	Melanoma in situ of right lower limb, including hip	Diagnosis	ICD-10-CM
D03.72	Melanoma in situ of left lower limb, including hip	Diagnosis	ICD-10-CM
D03.8	Melanoma in situ of other sites	Diagnosis	ICD-10-CM
D03.9	Melanoma in situ, unspecified	Diagnosis	ICD-10-CM
Non-Hodgkins Lymphoma			
200	Lymphosarcoma and reticulosarcoma and other specified malignant tumors of lymphatic tissue	Diagnosis	ICD-9-CM
200.0	Reticulosarcoma	Diagnosis	ICD-9-CM
200.00	Reticulosarcoma, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
200.01	Reticulosarcoma of lymph nodes of head, face, and neck	Diagnosis	ICD-9-CM
200.02	Reticulosarcoma of intrathoracic lymph nodes	Diagnosis	ICD-9-CM
200.03	Reticulosarcoma of intra-abdominal lymph nodes	Diagnosis	ICD-9-CM
200.04	Reticulosarcoma of lymph nodes of axilla and upper limb	Diagnosis	ICD-9-CM
200.05	Reticulosarcoma of lymph nodes of inguinal region and lower limb	Diagnosis	ICD-9-CM
200.06	Reticulosarcoma of intrapelvic lymph nodes	Diagnosis	ICD-9-CM
200.07	Reticulosarcoma of spleen	Diagnosis	ICD-9-CM
200.08	Reticulosarcoma of lymph nodes of multiple sites	Diagnosis	ICD-9-CM
200.1	Lymphosarcoma	Diagnosis	ICD-9-CM
200.10	Lymphosarcoma, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
200.11	Lymphosarcoma of lymph nodes of head, face, and neck	Diagnosis	ICD-9-CM
200.12	Lymphosarcoma of intrathoracic lymph nodes	Diagnosis	ICD-9-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
200.13	Lymphosarcoma of intra-abdominal lymph nodes	Diagnosis	ICD-9-CM
200.14	Lymphosarcoma of lymph nodes of axilla and upper limb	Diagnosis	ICD-9-CM
200.15	Lymphosarcoma of lymph nodes of inguinal region and lower limb	Diagnosis	ICD-9-CM
200.16	Lymphosarcoma of intrapelvic lymph nodes	Diagnosis	ICD-9-CM
200.17	Lymphosarcoma of spleen	Diagnosis	ICD-9-CM
200.18	Lymphosarcoma of lymph nodes of multiple sites	Diagnosis	ICD-9-CM
200.2	Burkitt's tumor or lymphoma	Diagnosis	ICD-9-CM
200.20	Burkitt's tumor or lymphoma, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
200.21	Burkitt's tumor or lymphoma of lymph nodes of head, face, and neck	Diagnosis	ICD-9-CM
200.22	Burkitt's tumor or lymphoma of intrathoracic lymph nodes	Diagnosis	ICD-9-CM
200.23	Burkitt's tumor or lymphoma of intra-abdominal lymph nodes	Diagnosis	ICD-9-CM
200.24	Burkitt's tumor or lymphoma of lymph nodes of axilla and upper limb	Diagnosis	ICD-9-CM
200.25	Burkitt's tumor or lymphoma of lymph nodes of inguinal region and lower limb	Diagnosis	ICD-9-CM
200.26	Burkitt's tumor or lymphoma of intrapelvic lymph nodes	Diagnosis	ICD-9-CM
200.27	Burkitt's tumor or lymphoma of spleen	Diagnosis	ICD-9-CM
200.28	Burkitt's tumor or lymphoma of lymph nodes of multiple sites	Diagnosis	ICD-9-CM
200.3	Marginal zone lymphoma	Diagnosis	ICD-9-CM
200.30	Marginal zone lymphoma, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
200.31	Marginal zone lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-9-CM
200.32	Marginal zone lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-9-CM
200.33	Marginal zone lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-9-CM
200.34	Marginal zone lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-9-CM
200.35	Marginal zone lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-9-CM
200.36	Marginal zone lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-9-CM
200.37	Marginal zone lymphoma, spleen	Diagnosis	ICD-9-CM
200.38	Marginal zone lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-9-CM
200.4	Mantle cell lymphoma	Diagnosis	ICD-9-CM
200.40	Mantle cell lymphoma, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
200.41	Mantle cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-9-CM
200.42	Mantle cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-9-CM
200.43	Mantle cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-9-CM
200.44	Mantle cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-9-CM
200.45	Mantle cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-9-CM
200.46	Mantle cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-9-CM
200.47	Mantle cell lymphoma, spleen	Diagnosis	ICD-9-CM
200.48	Mantle cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-9-CM
200.5	Primary central nervous system lymphoma	Diagnosis	ICD-9-CM
200.50	Primary central nervous system lymphoma, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
200.51	Primary central nervous system lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-9-CM
200.52	Primary central nervous system lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-9-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
200.53	Primary central nervous system lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-9-CM
200.54	Primary central nervous system lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-9-CM
200.55	Primary central nervous system lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-9-CM
200.56	Primary central nervous system lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-9-CM
200.57	Primary central nervous system lymphoma, spleen	Diagnosis	ICD-9-CM
200.58	Primary central nervous system lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-9-CM
200.6	Anaplastic large cell lymphoma	Diagnosis	ICD-9-CM
200.60	Anaplastic large cell lymphoma, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
200.61	Anaplastic large cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-9-CM
200.62	Anaplastic large cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-9-CM
200.63	Anaplastic large cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-9-CM
200.64	Anaplastic large cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-9-CM
200.65	Anaplastic large cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-9-CM
200.66	Anaplastic large cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-9-CM
200.67	Anaplastic large cell lymphoma, spleen	Diagnosis	ICD-9-CM
200.68	Anaplastic large cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-9-CM
200.7	Large cell lymphoma	Diagnosis	ICD-9-CM
200.70	Large cell lymphoma, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
200.71	Large cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-9-CM
200.72	Large cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-9-CM
200.73	Large cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-9-CM
200.74	Large cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-9-CM
200.75	Large cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-9-CM
200.76	Large cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-9-CM
200.77	Large cell lymphoma, spleen	Diagnosis	ICD-9-CM
200.78	Large cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-9-CM
200.8	Other named variants of lymphosarcoma and reticulosarcoma	Diagnosis	ICD-9-CM
200.80	Other named variants, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
200.81	Other named variants of lymphosarcoma and reticulosarcoma of lymph nodes of head, face, and neck	Diagnosis	ICD-9-CM
200.82	Other named variants of lymphosarcoma and reticulosarcoma of intrathoracic lymph nodes	Diagnosis	ICD-9-CM
200.83	Other named variants of lymphosarcoma and reticulosarcoma of intra-abdominal lymph nodes	Diagnosis	ICD-9-CM
200.84	Other named variants of lymphosarcoma and reticulosarcoma of lymph nodes of axilla and upper limb	Diagnosis	ICD-9-CM
200.85	Other named variants of lymphosarcoma and reticulosarcoma of lymph nodes of ing	Diagnosis	ICD-9-CM
200.86	Other named variants of lymphosarcoma and reticulosarcoma of intrapelvic lymph nodes	Diagnosis	ICD-9-CM
200.87	Other named variants of lymphosarcoma and reticulosarcoma of spleen	Diagnosis	ICD-9-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
200.88	Other named variants of lymphosarcoma and reticulosarcoma of lymph nodes of multiple sites	Diagnosis	ICD-9-CM
202.0	Nodular lymphoma	Diagnosis	ICD-9-CM
202.00	Nodular lymphoma, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
202.01	Nodular lymphoma of lymph nodes of head, face, and neck	Diagnosis	ICD-9-CM
202.02	Nodular lymphoma of intrathoracic lymph nodes	Diagnosis	ICD-9-CM
202.03	Nodular lymphoma of intra-abdominal lymph nodes	Diagnosis	ICD-9-CM
202.04	Nodular lymphoma of lymph nodes of axilla and upper limb	Diagnosis	ICD-9-CM
202.05	Nodular lymphoma of lymph nodes of inguinal region and lower limb	Diagnosis	ICD-9-CM
202.06	Nodular lymphoma of intrapelvic lymph nodes	Diagnosis	ICD-9-CM
202.07	Nodular lymphoma of spleen	Diagnosis	ICD-9-CM
202.08	Nodular lymphoma of lymph nodes of multiple sites	Diagnosis	ICD-9-CM
202.1	Mycosis fungoides	Diagnosis	ICD-9-CM
202.10	Mycosis fungoides, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
202.11	Mycosis fungoides of lymph nodes of head, face, and neck	Diagnosis	ICD-9-CM
202.12	Mycosis fungoides of intrathoracic lymph nodes	Diagnosis	ICD-9-CM
202.13	Mycosis fungoides of intra-abdominal lymph nodes	Diagnosis	ICD-9-CM
202.14	Mycosis fungoides of lymph nodes of axilla and upper limb	Diagnosis	ICD-9-CM
202.15	Mycosis fungoides of lymph nodes of inguinal region and lower limb	Diagnosis	ICD-9-CM
202.16	Mycosis fungoides of intrapelvic lymph nodes	Diagnosis	ICD-9-CM
202.17	Mycosis fungoides of spleen	Diagnosis	ICD-9-CM
202.18	Mycosis fungoides of lymph nodes of multiple sites	Diagnosis	ICD-9-CM
202.2	Sezary's disease	Diagnosis	ICD-9-CM
202.20	Sezary's disease, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
202.21	Sezary's disease of lymph nodes of head, face, and neck	Diagnosis	ICD-9-CM
202.22	Sezary's disease of intrathoracic lymph nodes	Diagnosis	ICD-9-CM
202.23	Sezary's disease of intra-abdominal lymph nodes	Diagnosis	ICD-9-CM
202.24	Sezary's disease of lymph nodes of axilla and upper limb	Diagnosis	ICD-9-CM
202.25	Sezary's disease of lymph nodes of inguinal region and lower limb	Diagnosis	ICD-9-CM
202.26	Sezary's disease of intrapelvic lymph nodes	Diagnosis	ICD-9-CM
202.27	Sezary's disease of spleen	Diagnosis	ICD-9-CM
202.28	Sezary's disease of lymph nodes of multiple sites	Diagnosis	ICD-9-CM
202.8	Other malignant lymphomas	Diagnosis	ICD-9-CM
202.80	Other malignant lymphomas, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
202.81	Other malignant lymphomas of lymph nodes of head, face, and neck	Diagnosis	ICD-9-CM
202.82	Other malignant lymphomas of intrathoracic lymph nodes	Diagnosis	ICD-9-CM
202.83	Other malignant lymphomas of intra-abdominal lymph nodes	Diagnosis	ICD-9-CM
202.84	Other malignant lymphomas of lymph nodes of axilla and upper limb	Diagnosis	ICD-9-CM
202.85	Other malignant lymphomas of lymph nodes of inguinal region and lower limb	Diagnosis	ICD-9-CM
202.86	Other malignant lymphomas of intrapelvic lymph nodes	Diagnosis	ICD-9-CM
202.87	Other malignant lymphomas of spleen	Diagnosis	ICD-9-CM
202.88	Other malignant lymphomas of lymph nodes of multiple sites	Diagnosis	ICD-9-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
202.9	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue	Diagnosis	ICD-9-CM
202.90	unspecified site, extranodal and solid	Diagnosis	ICD-9-CM
202.91	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of lymph nodes of head, face, and neck	Diagnosis	ICD-9-CM
202.92	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of intrathoracic lymph nodes	Diagnosis	ICD-9-CM
202.93	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of intra-abdominal lymph nodes	Diagnosis	ICD-9-CM
202.94	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of lymph nodes of axilla and upper limb	Diagnosis	ICD-9-CM
202.95	lymph nodes of inguinal region and	Diagnosis	ICD-9-CM
202.96	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of intrapelvic lymph nodes	Diagnosis	ICD-9-CM
202.97	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of spleen	Diagnosis	ICD-9-CM
202.98	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of lymph nodes of multiple sites	Diagnosis	ICD-9-CM
C82.00	Follicular lymphoma grade I, unspecified site	Diagnosis	ICD-10-CM
C82.01	Follicular lymphoma grade I, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.02	Follicular lymphoma grade I, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.03	Follicular lymphoma grade I, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.04	Follicular lymphoma grade I, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.05	Follicular lymphoma grade I, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.06	Follicular lymphoma grade I, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.07	Follicular lymphoma grade I, spleen	Diagnosis	ICD-10-CM
C82.08	Follicular lymphoma grade I, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.09	Follicular lymphoma grade I, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.10	Follicular lymphoma grade II, unspecified site	Diagnosis	ICD-10-CM
C82.11	Follicular lymphoma grade II, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.12	Follicular lymphoma grade II, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.13	Follicular lymphoma grade II, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.14	Follicular lymphoma grade II, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.15	Follicular lymphoma grade II, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.16	Follicular lymphoma grade II, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.17	Follicular lymphoma grade II, spleen	Diagnosis	ICD-10-CM
C82.18	Follicular lymphoma grade II, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.19	Follicular lymphoma grade II, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.20	Follicular lymphoma grade III, unspecified, unspecified site	Diagnosis	ICD-10-CM
C82.21	Follicular lymphoma grade III, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.22	Follicular lymphoma grade III, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.23	Follicular lymphoma grade III, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.24	Follicular lymphoma grade III, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
C82.25	Follicular lymphoma grade III, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.26	Follicular lymphoma grade III, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.27	Follicular lymphoma grade III, unspecified, spleen	Diagnosis	ICD-10-CM
C82.28	Follicular lymphoma grade III, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.29	Follicular lymphoma grade III, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.30	Follicular lymphoma grade IIIa, unspecified site	Diagnosis	ICD-10-CM
C82.31	Follicular lymphoma grade IIIa, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.32	Follicular lymphoma grade IIIa, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.33	Follicular lymphoma grade IIIa, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.34	Follicular lymphoma grade IIIa, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.35	Follicular lymphoma grade IIIa, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.36	Follicular lymphoma grade IIIa, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.37	Follicular lymphoma grade IIIa, spleen	Diagnosis	ICD-10-CM
C82.38	Follicular lymphoma grade IIIa, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.39	Follicular lymphoma grade IIIa, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.40	Follicular lymphoma grade IIIb, unspecified site	Diagnosis	ICD-10-CM
C82.41	Follicular lymphoma grade IIIb, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.42	Follicular lymphoma grade IIIb, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.43	Follicular lymphoma grade IIIb, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.44	Follicular lymphoma grade IIIb, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.45	Follicular lymphoma grade IIIb, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.46	Follicular lymphoma grade IIIb, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.47	Follicular lymphoma grade IIIb, spleen	Diagnosis	ICD-10-CM
C82.48	Follicular lymphoma grade IIIb, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.49	Follicular lymphoma grade IIIb, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.50	Diffuse follicle center lymphoma, unspecified site	Diagnosis	ICD-10-CM
C82.51	Diffuse follicle center lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.52	Diffuse follicle center lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.53	Diffuse follicle center lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.54	Diffuse follicle center lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.55	Diffuse follicle center lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.56	Diffuse follicle center lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.57	Diffuse follicle center lymphoma, spleen	Diagnosis	ICD-10-CM
C82.58	Diffuse follicle center lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.59	Diffuse follicle center lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.60	Cutaneous follicle center lymphoma, unspecified site	Diagnosis	ICD-10-CM
C82.61	Cutaneous follicle center lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.62	Cutaneous follicle center lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.63	Cutaneous follicle center lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.64	Cutaneous follicle center lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
C82.65	Cutaneous follicle center lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.66	Cutaneous follicle center lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.67	Cutaneous follicle center lymphoma, spleen	Diagnosis	ICD-10-CM
C82.68	Cutaneous follicle center lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.69	Cutaneous follicle center lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.80	Other types of follicular lymphoma, unspecified site	Diagnosis	ICD-10-CM
C82.81	Other types of follicular lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.82	Other types of follicular lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.83	Other types of follicular lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.84	Other types of follicular lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.85	Other types of follicular lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.86	Other types of follicular lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.87	Other types of follicular lymphoma, spleen	Diagnosis	ICD-10-CM
C82.88	Other types of follicular lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.89	Other types of follicular lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.90	Follicular lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C82.91	Follicular lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.92	Follicular lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.93	Follicular lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.94	Follicular lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.95	Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.96	Follicular lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.97	Follicular lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C82.98	Follicular lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.99	Follicular lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.00	Small cell B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.01	Small cell B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.02	Small cell B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.03	Small cell B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.04	Small cell B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.05	Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.06	Small cell B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.07	Small cell B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.08	Small cell B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.09	Small cell B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.10	Mantle cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.11	Mantle cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.12	Mantle cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.13	Mantle cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
C83.14	Mantle cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.15	Mantle cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.16	Mantle cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.17	Mantle cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.18	Mantle cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.19	Mantle cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.30	Diffuse large B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.31	Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.32	Diffuse large B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.33	Diffuse large B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.34	Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.35	Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.36	Diffuse large B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.37	Diffuse large B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.38	Diffuse large B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.39	Diffuse large B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.50	Lymphoblastic (diffuse) lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.51	Lymphoblastic (diffuse) lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.52	Lymphoblastic (diffuse) lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.53	Lymphoblastic (diffuse) lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.54	Lymphoblastic (diffuse) lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.55	Lymphoblastic (diffuse) lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.56	Lymphoblastic (diffuse) lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.57	Lymphoblastic (diffuse) lymphoma, spleen	Diagnosis	ICD-10-CM
C83.58	Lymphoblastic (diffuse) lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.59	Lymphoblastic (diffuse) lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.70	Burkitt lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.71	Burkitt lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.72	Burkitt lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.73	Burkitt lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.74	Burkitt lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.75	Burkitt lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.76	Burkitt lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.77	Burkitt lymphoma, spleen	Diagnosis	ICD-10-CM
C83.78	Burkitt lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.79	Burkitt lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.80	Other non-follicular lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.81	Other non-follicular lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.82	Other non-follicular lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.83	Other non-follicular lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.84	Other non-follicular lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
C83.85	Other non-follicular lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.86	Other non-follicular lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.87	Other non-follicular lymphoma, spleen	Diagnosis	ICD-10-CM
C83.88	Other non-follicular lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.89	Other non-follicular lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.90	Non-follicular (diffuse) lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C83.91	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.92	Non-follicular (diffuse) lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.93	Non-follicular (diffuse) lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.94	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.95	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.96	Non-follicular (diffuse) lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.97	Non-follicular (diffuse) lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C83.98	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.99	Non-follicular (diffuse) lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.00	Mycosis fungoides, unspecified site	Diagnosis	ICD-10-CM
C84.01	Mycosis fungoides, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.02	Mycosis fungoides, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.03	Mycosis fungoides, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.04	Mycosis fungoides, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.05	Mycosis fungoides, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.06	Mycosis fungoides, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.07	Mycosis fungoides, spleen	Diagnosis	ICD-10-CM
C84.08	Mycosis fungoides, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.09	Mycosis fungoides, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.10	Sezary disease, unspecified site	Diagnosis	ICD-10-CM
C84.11	Sezary disease, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.12	Sezary disease, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.13	Sezary disease, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.14	Sezary disease, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.15	Sezary disease, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.16	Sezary disease, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.17	Sezary disease, spleen	Diagnosis	ICD-10-CM
C84.18	Sezary disease, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.19	Sezary disease, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.60	Anaplastic large cell lymphoma, ALK-positive, unspecified site	Diagnosis	ICD-10-CM
C84.61	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.62	Anaplastic large cell lymphoma, ALK-positive, intrathoracic lymph nodes	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
C84.63	Anaplastic large cell lymphoma, ALK-positive, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.64	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.65	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.66	Anaplastic large cell lymphoma, ALK-positive, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.67	Anaplastic large cell lymphoma, ALK-positive, spleen	Diagnosis	ICD-10-CM
C84.68	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.69	Anaplastic large cell lymphoma, ALK-positive, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.70	Anaplastic large cell lymphoma, ALK-negative, unspecified site	Diagnosis	ICD-10-CM
C84.71	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.72	Anaplastic large cell lymphoma, ALK-negative, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.73	Anaplastic large cell lymphoma, ALK-negative, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.74	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.75	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.76	Anaplastic large cell lymphoma, ALK-negative, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.77	Anaplastic large cell lymphoma, ALK-negative, spleen	Diagnosis	ICD-10-CM
C84.78	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.79	Anaplastic large cell lymphoma, ALK-negative, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.90	Mature T/NK-cell lymphomas, unspecified, unspecified site	Diagnosis	ICD-10-CM
C84.91	Mature T/NK-cell lymphomas, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.92	Mature T/NK-cell lymphomas, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.93	Mature T/NK-cell lymphomas, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.94	Mature T/NK-cell lymphomas, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.95	Mature T/NK-cell lymphomas, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.96	Mature T/NK-cell lymphomas, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.97	Mature T/NK-cell lymphomas, unspecified, spleen	Diagnosis	ICD-10-CM
C84.98	Mature T/NK-cell lymphomas, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.99	Mature T/NK-cell lymphomas, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.A0	Cutaneous T-cell lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C84.A1	Cutaneous T-cell lymphoma, unspecified lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.A2	Cutaneous T-cell lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.A3	Cutaneous T-cell lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.A4	Cutaneous T-cell lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.A5	Cutaneous T-cell lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.A6	Cutaneous T-cell lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.A7	Cutaneous T-cell lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
C84.A8	Cutaneous T-cell lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.A9	Cutaneous T-cell lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.Z0	Other mature T/NK-cell lymphomas, unspecified site	Diagnosis	ICD-10-CM
C84.Z1	Other mature T/NK-cell lymphomas, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.Z2	Other mature T/NK-cell lymphomas, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.Z3	Other mature T/NK-cell lymphomas, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.Z4	Other mature T/NK-cell lymphomas, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.Z5	Other mature T/NK-cell lymphomas, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.Z6	Other mature T/NK-cell lymphomas, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.Z7	Other mature T/NK-cell lymphomas, spleen	Diagnosis	ICD-10-CM
C84.Z8	Other mature T/NK-cell lymphomas, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.Z9	Other mature T/NK-cell lymphomas, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.10	Unspecified B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C85.11	Unspecified B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.12	Unspecified B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.13	Unspecified B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.14	Unspecified B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.15	Unspecified B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.16	Unspecified B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.17	Unspecified B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C85.18	Unspecified B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.19	Unspecified B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.20	Mediastinal (thymic) large B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C85.21	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.22	Mediastinal (thymic) large B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.23	Mediastinal (thymic) large B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.24	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.25	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.26	Mediastinal (thymic) large B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.27	Mediastinal (thymic) large B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C85.28	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.29	Mediastinal (thymic) large B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.80	Other specified types of non-Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C85.81	Other specified types of non-Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.82	Other specified types of non-Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.83	Other specified types of non-Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
C85.84	Other specified types of non-Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.85	Other specified types of non-Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.86	Other specified types of non-Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.87	Other specified types of non-Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C85.88	Other specified types of non-Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.89	Other specified types of non-Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.90	Non-Hodgkin lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C85.91	Non-Hodgkin lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.92	Non-Hodgkin lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.93	Non-Hodgkin lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.94	Non-Hodgkin lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.95	Non-Hodgkin lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.96	Non-Hodgkin lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.97	Non-Hodgkin lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C85.98	Non-Hodgkin lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.99	Non-Hodgkin lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C86.0	Extranodal NK/T-cell lymphoma, nasal type	Diagnosis	ICD-10-CM
C86.1	Hepatosplenic T-cell lymphoma	Diagnosis	ICD-10-CM
C86.2	Enteropathy-type (intestinal) T-cell lymphoma	Diagnosis	ICD-10-CM
C86.3	Subcutaneous panniculitis-like T-cell lymphoma	Diagnosis	ICD-10-CM
C86.4	Blastic NK-cell lymphoma	Diagnosis	ICD-10-CM
C86.5	Angioimmunoblastic T-cell lymphoma	Diagnosis	ICD-10-CM
C86.6	Primary cutaneous CD30-positive T-cell proliferations	Diagnosis	ICD-10-CM
C88.4	Extranodal marginal zone B-cell lymphoma of mucosa-associated lymphoid tissue [MALT-lymphoma]	Diagnosis	ICD-10-CM
C96.4	Sarcoma of dendritic cells (accessory cells)	Diagnosis	ICD-10-CM
C96.9	Malignant neoplasm of lymphoid, hematopoietic and related tissue, unspecified	Diagnosis	ICD-10-CM
C96.Z	Other specified malignant neoplasms of lymphoid, hematopoietic and related tissue	Diagnosis	ICD-10-CM
Other Endocrine Cancer			
194	Malignant neoplasm of other endocrine glands and related structures	Diagnosis	ICD-9-CM
194.0	Malignant neoplasm of adrenal gland	Diagnosis	ICD-9-CM
194.1	Malignant neoplasm of parathyroid gland	Diagnosis	ICD-9-CM
194.3	Malignant neoplasm of pituitary gland and craniopharyngeal duct	Diagnosis	ICD-9-CM
194.4	Malignant neoplasm of pineal gland	Diagnosis	ICD-9-CM
194.5	Malignant neoplasm of carotid body	Diagnosis	ICD-9-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
194.6	Malignant neoplasm of aortic body and other paraganglia	Diagnosis	ICD-9-CM
194.8	Malignant neoplasm of other endocrine glands and related structures	Diagnosis	ICD-9-CM
194.9	Malignant neoplasm of endocrine gland, site unspecified	Diagnosis	ICD-9-CM
C74.00	Malignant neoplasm of cortex of unspecified adrenal gland	Diagnosis	ICD-10-CM
C74.01	Malignant neoplasm of cortex of right adrenal gland	Diagnosis	ICD-10-CM
C74.02	Malignant neoplasm of cortex of left adrenal gland	Diagnosis	ICD-10-CM
C74.10	Malignant neoplasm of medulla of unspecified adrenal gland	Diagnosis	ICD-10-CM
C74.11	Malignant neoplasm of medulla of right adrenal gland	Diagnosis	ICD-10-CM
C74.12	Malignant neoplasm of medulla of left adrenal gland	Diagnosis	ICD-10-CM
C74.90	Malignant neoplasm of unspecified part of unspecified adrenal gland	Diagnosis	ICD-10-CM
C74.91	Malignant neoplasm of unspecified part of right adrenal gland	Diagnosis	ICD-10-CM
C74.92	Malignant neoplasm of unspecified part of left adrenal gland	Diagnosis	ICD-10-CM
C75.0	Malignant neoplasm of parathyroid gland	Diagnosis	ICD-10-CM
C75.1	Malignant neoplasm of pituitary gland	Diagnosis	ICD-10-CM
C75.2	Malignant neoplasm of craniopharyngeal duct	Diagnosis	ICD-10-CM
C75.3	Malignant neoplasm of pineal gland	Diagnosis	ICD-10-CM
C75.4	Malignant neoplasm of carotid body	Diagnosis	ICD-10-CM
C75.5	Malignant neoplasm of aortic body and other paraganglia	Diagnosis	ICD-10-CM
C75.8	Malignant neoplasm with pluriglandular involvement, unspecified	Diagnosis	ICD-10-CM
C75.9	Malignant neoplasm of endocrine gland, unspecified	Diagnosis	ICD-10-CM
Pancreatic Cancer			
157	Malignant neoplasm of pancreas	Diagnosis	ICD-9-CM
157.0	Malignant neoplasm of head of pancreas	Diagnosis	ICD-9-CM
157.1	Malignant neoplasm of body of pancreas	Diagnosis	ICD-9-CM
157.2	Malignant neoplasm of tail of pancreas	Diagnosis	ICD-9-CM
157.3	Malignant neoplasm of pancreatic duct	Diagnosis	ICD-9-CM
157.4	Malignant neoplasm of islets of Langerhans	Diagnosis	ICD-9-CM
157.8	Malignant neoplasm of other specified sites of pancreas	Diagnosis	ICD-9-CM
157.9	Malignant neoplasm of pancreas, part unspecified	Diagnosis	ICD-9-CM
C25.0	Malignant neoplasm of head of pancreas	Diagnosis	ICD-10-CM
C25.1	Malignant neoplasm of body of pancreas	Diagnosis	ICD-10-CM
C25.2	Malignant neoplasm of tail of pancreas	Diagnosis	ICD-10-CM
C25.3	Malignant neoplasm of pancreatic duct	Diagnosis	ICD-10-CM
C25.4	Malignant neoplasm of endocrine pancreas	Diagnosis	ICD-10-CM
C25.7	Malignant neoplasm of other parts of pancreas	Diagnosis	ICD-10-CM
C25.8	Malignant neoplasm of overlapping sites of pancreas	Diagnosis	ICD-10-CM
C25.9	Malignant neoplasm of pancreas, unspecified	Diagnosis	ICD-10-CM
Prostate Cancer			
185	Malignant neoplasm of prostate	Diagnosis	ICD-9-CM
C61	Malignant neoplasm of prostate	Diagnosis	ICD-10-CM
Rectal Cancer			
154.0	Malignant neoplasm of rectosigmoid junction	Diagnosis	ICD-9-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Site Specific Cancers in this Request

Code	Description	Code Type	Code Category
154.1	Malignant neoplasm of rectum	Diagnosis	ICD-9-CM
C19	Malignant neoplasm of rectosigmoid junction	Diagnosis	ICD-10-CM
C20	Malignant neoplasm of rectum	Diagnosis	ICD-10-CM
Thyroid Cancer			
193	Malignant neoplasm of thyroid gland	Diagnosis	ICD-9-CM
C73	Malignant neoplasm of thyroid gland	Diagnosis	ICD-10-CM
Urinary or Bladder Cancer			
188	Malignant neoplasm of bladder	Diagnosis	ICD-9-CM
188.0	Malignant neoplasm of trigone of urinary bladder	Diagnosis	ICD-9-CM
188.1	Malignant neoplasm of dome of urinary bladder	Diagnosis	ICD-9-CM
188.2	Malignant neoplasm of lateral wall of urinary bladder	Diagnosis	ICD-9-CM
188.3	Malignant neoplasm of anterior wall of urinary bladder	Diagnosis	ICD-9-CM
188.4	Malignant neoplasm of posterior wall of urinary bladder	Diagnosis	ICD-9-CM
188.5	Malignant neoplasm of bladder neck	Diagnosis	ICD-9-CM
188.6	Malignant neoplasm of ureteric orifice	Diagnosis	ICD-9-CM
188.7	Malignant neoplasm of urachus	Diagnosis	ICD-9-CM
188.8	Malignant neoplasm of other specified sites of bladder	Diagnosis	ICD-9-CM
188.9	Malignant neoplasm of bladder, part unspecified	Diagnosis	ICD-9-CM
C67.0	Malignant neoplasm of trigone of bladder	Diagnosis	ICD-10-CM
C67.1	Malignant neoplasm of dome of bladder	Diagnosis	ICD-10-CM
C67.2	Malignant neoplasm of lateral wall of bladder	Diagnosis	ICD-10-CM
C67.3	Malignant neoplasm of anterior wall of bladder	Diagnosis	ICD-10-CM
C67.4	Malignant neoplasm of posterior wall of bladder	Diagnosis	ICD-10-CM
C67.5	Malignant neoplasm of bladder neck	Diagnosis	ICD-10-CM
C67.6	Malignant neoplasm of ureteric orifice	Diagnosis	ICD-10-CM
C67.7	Malignant neoplasm of urachus	Diagnosis	ICD-10-CM
C67.8	Malignant neoplasm of overlapping sites of bladder	Diagnosis	ICD-10-CM
C67.9	Malignant neoplasm of bladder, unspecified	Diagnosis	ICD-10-CM

Appendix C. Specifications Defining Parameters in this Request

This request used the Cohort Identification and Descriptive Analysis (CIDA) module, version 7.0.1 to describe the duration of follow-up among patients prior to and after their first cancer diagnosis observed in the Sentinel Distributed Database (SDD)

Query Period: January 1, 2000 - February 29, 2020

Enrollment Gap: 45 days

Enrollment Requirement Prior to Index: 365 days

Age Groups: 0-44, 45-64, 65+ years

Coverage Requirement: (1) At least Medical; (2) Medical and Drug Coverage

Enrollment (Pre and Post Index) Categories: >0, >1, >2, >3, >4 years

Event

Scenario	Incident Exposure	Index Criteria	Sex	Care Setting	Incident with Respect to:	Incidence Care Setting	Washout (Days)	Cohort Definition	Censor Due to Evidence of Death
1	All cancer sites	Two diagnoses for the same cancer site within two months (1,60)	Male, female, ambiguous, unknown	Any	At least one code for any cancer site	Any	365	01 : Include the first valid event only	Yes
2	All cancer sites	Two diagnoses for the same cancer site within three months (1, 90)	Male, female, ambiguous, unknown	Any	At least one code for any cancer site	Any	365	01 : Include the first valid event only	Yes
3	All cancer sites	Two diagnoses for the same cancer site within six months (1, 183)	Male, female, ambiguous, unknown	Any	At least one code for any cancer site	Any	365	01 : Include the first valid event only	Yes
4	Anal cancer	Two diagnoses within two months (1, 60)	Male, female, ambiguous, unknown	Any	At least one code for the cancer site of interest	Any	365	01 : Include the first valid event only	Yes
5	Breast cancer, female	Two diagnoses within two months (1, 60)	Male, female, ambiguous, unknown	Any	At least one code for the cancer site of interest	Any	365	01 : Include the first valid event only	Yes
6	Breast cancer, male	Two diagnoses within two months (1, 60)	Male, female, ambiguous, unknown	Any	At least one code for the cancer site of interest	Any	365	01 : Include the first valid event only	Yes
7	Cervical cancer	Two diagnoses within two months (1, 60)	Male, female, ambiguous, unknown	Any	At least one code for the cancer site of interest	Any	365	01 : Include the first valid event only	Yes
8	Colon cancer	Two diagnoses within two months (1, 60)	Male, female, ambiguous, unknown	Any	At least one code for the cancer site of interest	Any	365	01 : Include the first valid event only	Yes

Appendix C. Specifications Defining Parameters in this Request									
Event									
Scenario	Incident Exposure	Index Criteria	Sex	Care Setting	Incident with Respect to:	Incidence Care Setting	Washout (days)	Cohort Definition	Censor due to Evidence of Death
9	Endometrial cancer	Two diagnoses within two months (1, 60)	Male, female, ambiguous, unknown	Any	At least one code for the cancer site of interest	Any	365	01 : Include the first valid event only	Yes
10	Esophagus cancer	Two diagnoses within two months (1, 60)	Male, female, ambiguous, unknown	Any	At least one code for the cancer site of interest	Any	365	01 : Include the first valid event only	Yes
11	Kidney and renal pelvic cancer	Two diagnoses within two months (1, 60)	Male, female, ambiguous, unknown	Any	At least one code for the cancer site of interest	Any	365	01 : Include the first valid event only	Yes
12	Leukemia	Two diagnoses within two months (1, 60)	Male, female, ambiguous, unknown	Any	At least one code for the cancer site of interest	Any	365	01 : Include the first valid event only	Yes
13	Liver and intrahepatic bile duct cancer	Two diagnoses within two months (1, 60)	Male, female, ambiguous, unknown	Any	At least one code for the cancer site of interest	Any	365	01 : Include the first valid event only	Yes
14	Lung and bronchus cancer	Two diagnoses within two months (1, 60)	Male, female, ambiguous, unknown	Any	At least one code for the cancer site of interest	Any	365	01 : Include the first valid event only	Yes
15	Melanoma	Two diagnoses within two months (1, 60)	Male, female, ambiguous, unknown	Any	At least one code for the cancer site of interest	Any	365	01 : Include the first valid event only	Yes
16	Non-Hodgkin's lymphoma	Two diagnoses within two months (1, 60)	Male, female, ambiguous, unknown	Any	At least one code for the cancer site of interest	Any	365	01 : Include the first valid event only	Yes
17	Other endocrine cancer	Two diagnoses within two months (1, 60)	Male, female, ambiguous, unknown	Any	At least one code for the cancer site of interest	Any	365	01 : Include the first valid event only	Yes
18	Pancreatic cancer	Two diagnoses within two months (1, 60)	Male, female, ambiguous, unknown	Any	At least one code for the cancer site of interest	Any	365	01 : Include the first valid event only	Yes
19	Prostate cancer	Two diagnoses within two months (1, 60)	Male, female, ambiguous, unknown	Any	At least one code for the cancer site of interest	Any	365	01 : Include the first valid event only	Yes

Appendix C. Specifications Defining Parameters in this Request									
Event									
Scenario	Incident Exposure	Index Criteria	Sex	Care Setting	Incident with Respect to:	Incidence Care Setting	Washout (days)	Cohort Definition	Censor due to Evidence of Death
20	Rectal cancer	Two diagnoses within two months (1, 60)	Male, female, ambiguous, unknown	Any	At least one code for the cancer site of interest	Any	365	01 : Include the first valid event only	Yes
21	Thyroid cancer	Two diagnoses within two months (1, 60)	Male, female, ambiguous, unknown	Any	At least one code for the cancer site of interest	Any	365	01 : Include the first valid event only	Yes
22	Urinary bladder cancer	Two diagnoses within two months (1, 60)	Male, female, ambiguous, unknown	Any	At least one code for the cancer site of interest	Any	365	01 : Include the first valid event only	Yes

International Classification of Diseases, Ninth Revision (ICD-9) and International Classification of Diseases, Tenth Revision (ICD-10) codes are provided by Optum360.

**Type 1 design diagram:
Cohort Def 01**

