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Data obtained through Sentinel are intended to complement other types of evidence such as preclinical studies, clinical trials, postmarket studies, and adverse event reports, all of which are used by FDA to inform regulatory decisions regarding medical product safety. The information contained in this report is provided as part of FDA's commitment to place knowledge acquired from Sentinel in the public domain as soon as possible. Any public health actions taken by FDA regarding products involved in Sentinel queries will continue to be communicated through existing channels.

FDA wants to emphasize that the fact that FDA has initiated a query involving a medical product and is reporting findings related to that query does not mean that FDA is suggesting health care practitioners should change their prescribing practices for the medical product or that patients taking the medical product should stop using it. Patients who have questions about the use of an identified medical product should contact their health care practitioners.

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_wp008, Report 3 of 4

Request ID: cder_mpl1p_wp008_nsdv_v01

Request Description: This report contains estimates of the number of new cancer diagnoses, among members with at least medical coverage, and the length of their pre-diagnostic and post-diagnostic follow-up time within the Sentinel Distributed Database (SDD).

Sentinel Modular Program Tool Used: Cohort Identification and Descriptive Analysis (CIDA) tool, version 5.0.3, with additional ad hoc programming.

Data Source: Data from January 1, 2000 to December 31, 2015 from one Data Partner contributing to the SDD, Medicaid, were included in this report. This request was distributed on March 29, 2018. See Appendix A for a list of the latest dates of available data for each Data Partner.

Study Design: This a descriptive analysis to identify exposures and follow-up time.

Exposures of Interest: The exposure of interest was defined as a diagnosis of new onset cancer, in any care setting, any of one the following sites: anus, breast (male or female), cervix, colon, uterus, esophagus, kidney and renal pelvis, leukemia, liver and intrahepatic bile duct, lung and bronchus, melanoma, Non-Hodgkin's Lymphoma, other endocrine, pancreas, prostate, rectum, thyroid, or urinary bladder. These conditions were defined using International Classification of Diseases, Ninth and 10th Revisions, Clinical Modification (ICD-9-CM) and (ICD-10-CM) diagnosis codes. Please refer to Appendix B for specific codes.

Cohort Eligibility Criteria: Patients were required to be continuously enrolled in plans with at least medical coverage for a minimum of 12 months (365 days) before the index date, during which gaps in coverage of up to 45 days were allowed. Only members with no prior diagnosis of the site-specific cancer within 12 months (365 days) prior to the diagnosis of interest were included (i.e., new onset cancer). For each member only the first qualifying incident diagnosis per cancer-site (index), that occurred between January 1, 2000 to most recent available data, was examined. The following age groups were included in the cohort: 0-44, 45-64, 65+ years.

Follow-Up Time: Follow-up time was characterized both prior to and post the diagnosis of interest. Post-diagnostic follow-up time began on the date of 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. Pre-diagnostic follow-up time began at the member's start of enrollment until the diagnosis of interest date, allowing for up to 45 days of gap between enrollment periods. Both pre and post-diagnostic follow-up time was categorized into the non-mutually exclusive categories: >0, >1, >2, >3, >4 years.

Limitations: Algorithms to define exposures are imperfect and may be misclassified. Death data capture is incomplete in the SDD. Therefore, data should be interpreted with this limitation in mind.

Please refer to Appendix C for specifications defining parameters in this request.

Notes: Please contact the Sentinel Operations Center (info@sentinelssystem.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.sentinelssystem.org/projects/SENTINEL/repos/sentinel-routinequerying-tool-documentation/browse>).

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

Amount Supplied - number of units (pills, tablets, vials) dispensed. Net amount per National Drug Code (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.

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.

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

Episodes - 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.

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.

*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, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Number of data partners	0	0	0	0	0	0	0	0
Any Cancer Site								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages ²	0	0	0	0	0	0	0	0
Site-Specific Cancer³								
Anus								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Breast, Female⁴								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Breast, Male⁴								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Cervix								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0

Table 1a.1. Annual Number of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Colon								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Uterus								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Esophagus								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Kidney and Pelvis								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Leukemia								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Liver and Intrahepatic Bile Duct								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0

Table 1a.1. Annual Number of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Lung and Bronchus								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Melanoma								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Non-Hodgkin's Lymphoma								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Other Endocrine								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Pancreas								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Prostate⁴								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0

Table 1a.1. Annual Number of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Rectum								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Thyroid								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Urinary Bladder								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0

¹In the leap year of 2012, 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

³Cancer diagnoses based on ICD-9 codes for years 2000 through 2015

⁴Site-specific cancer diagnoses related to a particular sex are defined by the codes for which sex is explicit in the description of the code; use of these codes is not limited to a particular sex

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

Table 1a.2. Annual Number of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Number of data partners	0	0	0	1	1	1	1	1
Any Cancer Site								
Younger than 45	0	0	0	9,817	8,655	7,821	7,339	6,772
45-64	0	0	0	84,335	73,815	67,729	64,979	61,853
65 and older	0	0	0	926,817	741,644	667,124	616,918	600,425
All Ages ²	0	0	0	1,020,969	824,114	742,674	689,236	669,050
Site-Specific Cancer³								
Anus								
Younger than 45	0	0	0	217	180	152	159	118
45-64	0	0	0	1,557	1,388	1,370	1,374	1,303
65 and older	0	0	0	9,770	8,947	8,123	7,717	7,177
All Ages	0	0	0	11,544	10,515	9,645	9,250	8,598
Breast, Female⁴								
Younger than 45	0	0	0	1,183	1,169	1,062	1,079	962
45-64	0	0	0	14,597	12,242	11,047	10,587	9,754
65 and older	0	0	0	182,241	145,096	129,272	117,440	111,353
All Ages	0	0	0	198,021	158,507	141,381	129,106	122,069
Breast, Male⁴								
Younger than 45	0	0	0	57	59	59	49	46
45-64	0	0	0	418	431	376	359	398
65 and older	0	0	0	3,915	3,729	3,718	3,374	3,775
All Ages	0	0	0	4,390	4,219	4,153	3,782	4,219
Cervix								
Younger than 45	0	0	0	656	603	591	513	522
45-64	0	0	0	2,638	2,536	2,367	2,258	2,104
65 and older	0	0	0	13,267	12,129	11,005	10,476	9,962
All Ages	0	0	0	16,561	15,268	13,963	13,247	12,588

Table 1a.2. Annual Number of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Colon								
Younger than 45	0	0	0	813	715	652	669	663
45-64	0	0	0	10,051	8,845	8,290	8,258	7,760
65 and older	0	0	0	134,266	111,603	99,244	90,787	85,819
All Ages	0	0	0	145,130	121,163	108,186	99,714	94,242
Uterus								
Younger than 45	0	0	0	398	409	403	377	340
45-64	0	0	0	3,577	3,220	3,111	3,120	3,061
65 and older	0	0	0	30,950	27,226	25,657	25,174	24,987
All Ages	0	0	0	34,925	30,855	29,171	28,671	28,388
Esophagus								
Younger than 45	0	0	0	124	148	137	134	140
45-64	0	0	0	2,283	2,069	2,015	2,022	2,200
65 and older	0	0	0	17,266	16,080	15,062	15,204	18,629
All Ages	0	0	0	19,673	18,297	17,214	17,360	20,969
Kidney and Pelvis								
Younger than 45	0	0	0	650	648	557	576	550
45-64	0	0	0	5,732	5,123	4,655	4,802	4,793
65 and older	0	0	0	52,040	44,383	40,442	39,092	39,536
All Ages	0	0	0	58,422	50,154	45,654	44,470	44,879
Leukemia								
Younger than 45	0	0	0	1,371	1,221	1,098	883	876
45-64	0	0	0	6,018	5,559	5,159	4,787	4,369
65 and older	0	0	0	58,692	53,341	49,442	46,775	44,934
All Ages	0	0	0	66,081	60,121	55,699	52,445	50,179
Liver and Intrahepatic Bile Duct								
Younger than 45	0	0	0	351	306	295	275	249
45-64	0	0	0	4,985	4,837	4,664	4,781	3,976
65 and older	0	0	0	24,061	23,466	23,488	23,633	20,826
All Ages	0	0	0	29,397	28,609	28,447	28,689	25,051

Table 1a.2. Annual Number of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Lung and Bronchus								
Younger than 45	0	0	0	945	811	745	703	669
45-64	0	0	0	16,049	15,310	14,648	14,612	14,292
65 and older	0	0	0	160,267	148,263	140,434	134,289	133,116
All Ages	0	0	0	177,261	164,384	155,827	149,604	148,077
Melanoma								
Younger than 45	0	0	0	590	520	495	443	433
45-64	0	0	0	4,775	4,294	4,249	4,095	4,196
65 and older	0	0	0	96,700	85,865	84,254	82,696	85,975
All Ages	0	0	0	102,065	90,679	88,998	87,234	90,604
Non-Hodgkin's Lymphoma								
Younger than 45	0	0	0	1,880	1,599	1,418	1,294	1,228
45-64	0	0	0	9,254	8,128	7,532	7,059	6,583
65 and older	0	0	0	78,102	69,535	63,985	60,751	58,518
All Ages	0	0	0	89,236	79,262	72,935	69,104	66,329
Other Endocrine								
Younger than 45	0	0	0	420	374	302	305	239
45-64	0	0	0	1,607	1,411	1,341	1,341	1,162
65 and older	0	0	0	9,356	8,289	7,614	7,212	7,097
All Ages	0	0	0	11,383	10,074	9,257	8,858	8,498
Pancreas								
Younger than 45	0	0	0	260	240	248	234	200
45-64	0	0	0	3,126	3,037	3,042	2,979	2,876
65 and older	0	0	0	38,592	36,937	36,335	34,820	34,444
All Ages	0	0	0	41,978	40,214	39,625	38,033	37,520
Prostate⁴								
Younger than 45	0	0	0	592	522	464	402	308
45-64	0	0	0	13,242	11,143	9,792	8,768	8,520
65 and older	0	0	0	240,781	167,798	142,942	124,963	124,748
All Ages	0	0	0	254,615	179,463	153,198	134,133	133,576

Table 1a.2. Annual Number of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Rectum								
Younger than 45	0	0	0	471	372	355	326	312
45-64	0	0	0	5,159	4,454	4,143	4,003	3,558
65 and older	0	0	0	57,586	46,404	39,960	35,867	32,684
All Ages	0	0	0	63,216	51,230	44,458	40,196	36,554
Thyroid								
Younger than 45	0	0	0	660	549	561	587	549
45-64	0	0	0	3,163	2,764	2,565	2,473	2,522
65 and older	0	0	0	18,167	16,063	15,836	15,021	15,152
All Ages	0	0	0	21,990	19,376	18,962	18,081	18,223
Urinary Bladder								
Younger than 45	0	0	0	389	355	315	286	259
45-64	0	0	0	4,610	4,310	3,929	3,656	3,510
65 and older	0	0	0	84,797	71,329	64,627	59,862	56,521
All Ages	0	0	0	89,796	75,994	68,871	63,804	60,290

¹In the leap year of 2012, 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

³Cancer diagnoses based on ICD-9 codes for years 2000 through 2015

⁴Site-specific cancer diagnoses related to a particular sex are defined by the codes for which sex is explicit in the description of the code; use of these codes is not limited to a particular sex

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

Table 1b.1. Annual Rate Per 10,000 Eligible Members of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Number of data partners	0	0	0	0	0	0	0	0
Any Cancer Site								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages ²	-	-	-	-	-	-	-	-
Site-Specific Cancer³								
Anus								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Breast, Female⁴								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Breast, Male⁴								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Cervix								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-

Table 1b.1. Annual Rate Per 10,000 Eligible Members of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Colon								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Uterus								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Esophagus								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Kidney and Pelvis								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Leukemia								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Liver and Intrahepatic Bile Duct								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-

Table 1b.1. Annual Rate Per 10,000 Eligible Members of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Lung and Bronchus								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Melanoma								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Non-Hodgkin's Lymphoma								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Other Endocrine								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Pancreas								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Prostate⁴								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-

Table 1b.1. Annual Rate Per 10,000 Eligible Members of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Rectum								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Thyroid								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Urinary Bladder								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-

¹In the leap year of 2012, 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

³Cancer diagnoses based on ICD-9 codes for years 2000 through 2015

⁴Site-specific cancer diagnoses related to a particular sex are defined by the codes for which sex is explicit in the description of the code; use of these codes is not limited to a particular sex

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

Table 1b.2. Annual Rate Per 10,000 Eligible Members of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Number of data partners	0	0	0	1	1	1	1	1
Any Cancer Site								
Younger than 45	-	-	-	68.1	58.3	53.4	50.7	49
45-64	-	-	-	201.8	172.8	161.3	155.9	152.1
65 and older	-	-	-	395.4	313.3	286.9	266.2	260.7
All Ages ²	-	-	-	355.3	283.2	259.7	242.1	237.5
Site-Specific Cancer³								
Anus								
Younger than 45	-	-	-	1.5	1.2	1	1.1	0.8
45-64	-	-	-	3.6	3.1	3.1	3.1	3
65 and older	-	-	-	3.8	3.4	3.1	2.9	2.7
All Ages	-	-	-	3.7	3.3	3	2.9	2.7
Breast, Female⁴								
Younger than 45	-	-	-	8.1	7.8	7.1	7.3	6.8
45-64	-	-	-	33.9	27.6	25.2	24.2	22.7
65 and older	-	-	-	72.4	56.3	50.5	45.7	43.3
All Ages	-	-	-	64.7	50.6	45.4	41.4	39.3
Breast, Male⁴								
Younger than 45	-	-	-	0.4	0.4	0.4	0.3	0.3
45-64	-	-	-	1	1	0.8	0.8	0.9
65 and older	-	-	-	1.5	1.4	1.4	1.3	1.4
All Ages	-	-	-	1.4	1.3	1.3	1.2	1.3
Cervix								
Younger than 45	-	-	-	4.5	4	4	3.5	3.7
45-64	-	-	-	6.1	5.7	5.3	5.1	4.8
65 and older	-	-	-	5.2	4.6	4.2	4	3.8
All Ages	-	-	-	5.3	4.8	4.4	4.1	3.9

Table 1b.2. Annual Rate Per 10,000 Eligible Members of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Colon								
Younger than 45	-	-	-	5.6	4.8	4.4	4.5	4.7
45-64	-	-	-	23.2	19.8	18.7	18.7	17.9
65 and older	-	-	-	52.6	42.7	38.2	34.7	32.8
All Ages	-	-	-	46.8	38.1	34.3	31.5	29.9
Uterus								
Younger than 45	-	-	-	2.7	2.7	2.7	2.6	2.4
45-64	-	-	-	8.2	7.2	7	7	7
65 and older	-	-	-	12.1	10.3	9.8	9.6	9.5
All Ages	-	-	-	11.2	9.7	9.2	9	8.9
Esophagus								
Younger than 45	-	-	-	0.9	1	0.9	0.9	1
45-64	-	-	-	5.3	4.6	4.5	4.6	5.1
65 and older	-	-	-	6.7	6.1	5.7	5.8	7
All Ages	-	-	-	6.3	5.7	5.4	5.4	6.6
Kidney and Pelvis								
Younger than 45	-	-	-	4.5	4.3	3.7	3.9	3.9
45-64	-	-	-	13.2	11.4	10.5	10.8	11
65 and older	-	-	-	20.3	16.9	15.5	14.9	15
All Ages	-	-	-	18.8	15.7	14.4	14	14.1
Leukemia								
Younger than 45	-	-	-	9.4	8.1	7.4	6	6.2
45-64	-	-	-	13.9	12.4	11.6	10.8	10.1
65 and older	-	-	-	22.9	20.3	18.9	17.8	17.1
All Ages	-	-	-	21.3	18.9	17.6	16.5	15.8
Liver and Intrahepatic Bile Duct								
Younger than 45	-	-	-	2.4	2	2	1.9	1.8
45-64	-	-	-	11.5	10.8	10.5	10.8	9.1
65 and older	-	-	-	9.4	8.9	8.9	8.9	7.9
All Ages	-	-	-	9.4	8.9	8.9	9	7.9

Table 1b.2. Annual Rate Per 10,000 Eligible Members of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Lung and Bronchus								
Younger than 45	-	-	-	6.5	5.4	5	4.8	4.7
45-64	-	-	-	37.1	34.3	33.2	33.1	33
65 and older	-	-	-	62.8	56.7	54	51.3	50.8
All Ages	-	-	-	57.2	51.8	49.4	47.2	46.9
Melanoma								
Younger than 45	-	-	-	4.1	3.5	3.3	3	3.1
45-64	-	-	-	11	9.6	9.6	9.2	9.7
65 and older	-	-	-	37.7	32.7	32.3	31.6	32.8
All Ages	-	-	-	32.8	28.4	28.1	27.5	28.7
Non-Hodgkin's Lymphoma								
Younger than 45	-	-	-	12.9	10.6	9.5	8.8	8.7
45-64	-	-	-	21.4	18.2	17	16	15.2
65 and older	-	-	-	30.6	26.6	24.6	23.2	22.3
All Ages	-	-	-	28.8	24.9	23.1	21.8	21
Other Endocrine								
Younger than 45	-	-	-	2.9	2.5	2	2.1	1.7
45-64	-	-	-	3.7	3.1	3	3	2.7
65 and older	-	-	-	3.6	3.1	2.9	2.7	2.7
All Ages	-	-	-	3.7	3.1	2.9	2.8	2.7
Pancreas								
Younger than 45	-	-	-	1.8	1.6	1.7	1.6	1.4
45-64	-	-	-	7.2	6.8	6.8	6.7	6.6
65 and older	-	-	-	15	14	13.9	13.2	13
All Ages	-	-	-	13.5	12.6	12.5	11.9	11.8
Prostate⁴								
Younger than 45	-	-	-	4.1	3.5	3.1	2.7	2.2
45-64	-	-	-	30.6	25	22.2	19.9	19.7
65 and older	-	-	-	96.7	65.9	56.5	49.1	49
All Ages	-	-	-	83.9	57.7	49.6	43.3	43.3

Table 1b.2. Annual Rate Per 10,000 Eligible Members of New Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Rectum								
Younger than 45	-	-	-	3.2	2.5	2.4	2.2	2.2
45-64	-	-	-	11.9	9.9	9.3	9	8.2
65 and older	-	-	-	22.5	17.6	15.3	13.6	12.4
All Ages	-	-	-	20.3	16.1	14	12.6	11.5
Thyroid								
Younger than 45	-	-	-	4.5	3.6	3.8	4	3.9
45-64	-	-	-	7.3	6.2	5.8	5.6	5.8
65 and older	-	-	-	7.1	6.1	6	5.7	5.7
All Ages	-	-	-	7.1	6.1	6	5.7	5.7
Urinary Bladder								
Younger than 45	-	-	-	2.7	2.4	2.1	1.9	1.8
45-64	-	-	-	10.6	9.6	8.9	8.3	8.1
65 and older	-	-	-	33.2	27.3	24.8	22.9	21.6
All Ages	-	-	-	29	23.9	21.8	20.1	19.1

¹In the leap year of 2012, 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

³Cancer diagnoses based on ICD-9 codes for years 2000 through 2015

⁴Site-specific cancer diagnoses related to a particular sex are defined by the codes for which sex is explicit in the description of the code; use of these codes is not limited to a particular sex

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

Table 2a.1. Annual Number of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Any Cancer Site								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages ²	0	0	0	0	0	0	0	0
Site-Specific Cancer³								
Anus								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Breast, Female⁴								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Breast, Male⁴								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Cervix								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0

Table 2a.1. Annual Number of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Colon								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Uterus								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Esophagus								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Kidney and Pelvis								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Leukemia								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Liver and Intrahepatic Bile Duct								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0

Table 2a.1. Annual Number of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Lung and Bronchus								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Melanoma								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Non-Hodgkin's Lymphoma								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Other Endocrine								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Pancreas								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Prostate⁴								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0

Table 2a.1. Annual Number of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Rectum								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Thyroid								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Urinary Bladder								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0

¹In the leap year of 2012, 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

³Cancer diagnoses based on ICD-9 codes for years 2000 through 2015

⁴Site-specific cancer diagnoses related to a particular sex are defined by the codes for which sex is explicit in the description of the code; use of these codes is not limited to a particular sex

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

Table 2a.2. Annual Number of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age

Age Group (Years)	Year of Diagnosis ¹								
	2008	2009	2010	2011	2012	2013	2014	2015	
Any Cancer Site									
Younger than 45	0	0	0	4,208	3,680	3,256	2,993	2,689	
45-64	0	0	0	42,875	37,538	34,767	33,153	31,577	
65 and older	0	0	0	476,379	369,978	331,027	305,464	300,532	
All Ages ²	0	0	0	523,462	411,196	369,050	341,610	334,798	
Site-Specific Cancer³									
Anus									
Younger than 45	0	0	0	151	119	88	87	73	
45-64	0	0	0	907	775	765	777	741	
65 and older	0	0	0	4,533	4,227	3,805	3,640	3,369	
All Ages	0	0	0	5,591	5,121	4,658	4,504	4,183	
Breast, Female⁴									
Younger than 45	0	0	0	30	36	39	35	27	
45-64	0	0	0	332	311	293	272	208	
65 and older	0	0	0	3,653	3,271	2,802	2,491	2,112	
All Ages	0	0	0	4,015	3,618	3,134	2,798	2,347	
Breast, Male⁴									
Younger than 45	0	0	0	49	49	53	36	41	
45-64	0	0	0	321	341	295	278	282	
65 and older	0	0	0	3,133	2,916	2,883	2,676	2,681	
All Ages	0	0	0	3,503	3,306	3,231	2,990	3,004	
Cervix									
Younger than 45	0	0	0	*****	*****	*****	*****	*****	
45-64	0	0	0	*****	*****	*****	*****	*****	
65 and older	0	0	0	610	583	510	413	310	
All Ages	0	0	0	658	654	568	456	341	

Table 2a.2. Annual Number of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age

Age Group (Years)	Year of Diagnosis ¹								
	2008	2009	2010	2011	2012	2013	2014	2015	
Colon									
Younger than 45	0	0	0	423	385	322	318	322	
45-64	0	0	0	5,351	4,709	4,454	4,507	4,236	
65 and older	0	0	0	62,397	52,159	46,612	42,895	40,531	
All Ages	0	0	0	68,171	57,253	51,388	47,720	45,089	
Uterus									
Younger than 45	0	0	0	*****	*****	*****	*****	*****	
45-64	0	0	0	*****	*****	*****	*****	*****	
65 and older	0	0	0	333	325	287	302	262	
All Ages	0	0	0	366	375	325	332	299	
Esophagus									
Younger than 45	0	0	0	63	77	88	67	77	
45-64	0	0	0	1,630	1,439	1,457	1,422	1,494	
65 and older	0	0	0	11,695	10,829	10,274	10,366	11,925	
All Ages	0	0	0	13,388	12,345	11,819	11,855	13,496	
Kidney and Pelvis									
Younger than 45	0	0	0	357	355	327	345	300	
45-64	0	0	0	3,431	2,998	2,850	2,921	2,885	
65 and older	0	0	0	30,867	26,185	24,085	23,318	23,269	
All Ages	0	0	0	34,655	29,538	27,262	26,584	26,454	
Leukemia									
Younger than 45	0	0	0	660	574	537	425	421	
45-64	0	0	0	3,001	2,828	2,618	2,500	2,276	
65 and older	0	0	0	29,620	27,196	25,587	24,351	23,939	
All Ages	0	0	0	33,281	30,598	28,742	27,276	26,636	
Liver and Intrahepatic Bile Duct									
Younger than 45	0	0	0	199	171	151	150	130	
45-64	0	0	0	3,336	3,194	3,097	3,075	2,570	
65 and older	0	0	0	12,842	12,447	12,590	12,747	11,510	
All Ages	0	0	0	16,377	15,812	15,838	15,972	14,210	

Table 2a.2. Annual Number of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Lung and Bronchus								
Younger than 45	0	0	0	476	401	354	332	281
45-64	0	0	0	8,686	8,076	7,955	7,874	7,569
65 and older	0	0	0	80,750	74,558	71,018	67,870	67,183
All Ages	0	0	0	89,912	83,035	79,327	76,076	75,033
Melanoma								
Younger than 45	0	0	0	261	216	228	204	169
45-64	0	0	0	2,537	2,293	2,280	2,118	2,173
65 and older	0	0	0	57,140	51,142	50,430	49,835	51,592
All Ages	0	0	0	59,938	53,651	52,938	52,157	53,934
Non-Hodgkin's Lymphoma								
Younger than 45	0	0	0	992	813	689	660	635
45-64	0	0	0	4,825	4,257	3,983	3,735	3,508
65 and older	0	0	0	38,761	34,715	32,292	30,926	29,973
All Ages	0	0	0	44,578	39,785	36,964	35,321	34,116
Other Endocrine								
Younger than 45	0	0	0	163	154	112	124	83
45-64	0	0	0	635	558	602	582	522
65 and older	0	0	0	3,957	3,525	3,241	3,117	3,127
All Ages	0	0	0	4,755	4,237	3,955	3,823	3,732
Pancreas								
Younger than 45	0	0	0	121	128	139	111	88
45-64	0	0	0	1,675	1,665	1,626	1,646	1,578
65 and older	0	0	0	17,931	17,286	17,279	16,567	16,518
All Ages	0	0	0	19,727	19,079	19,044	18,324	18,184
Prostate⁴								
Younger than 45	0	0	0	565	502	442	385	290
45-64	0	0	0	13,044	10,978	9,633	8,635	8,372
65 and older	0	0	0	238,518	165,797	141,329	123,598	123,588
All Ages	0	0	0	252,127	177,277	151,404	132,618	132,250

Table 2a.2. Annual Number of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Rectum								
Younger than 45	0	0	0	268	223	181	176	186
45-64	0	0	0	2,895	2,439	2,346	2,293	2,014
65 and older	0	0	0	27,686	22,721	19,605	17,730	16,307
All Ages	0	0	0	30,849	25,383	22,132	20,199	18,507
Thyroid								
Younger than 45	0	0	0	142	142	148	139	157
45-64	0	0	0	866	813	721	706	745
65 and older	0	0	0	5,568	5,041	4,996	4,848	4,854
All Ages	0	0	0	6,576	5,996	5,865	5,693	5,756
Urinary Bladder								
Younger than 45	0	0	0	220	215	168	151	137
45-64	0	0	0	3,115	2,846	2,570	2,369	2,393
65 and older	0	0	0	60,764	51,119	46,380	42,786	40,653
All Ages	0	0	0	64,099	54,180	49,118	45,306	43,183

¹In the leap year of 2012, 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

³Cancer diagnoses based on ICD-9 codes for years 2000 through 2015

⁴Site-specific cancer diagnoses related to a particular sex are defined by the codes for which sex is explicit in the description of the code; use of these codes is not limited to a particular sex

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

Table 2b.1. Annual Rate Per 10,000 Eligible Members of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Any Cancer Site								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages ²	-	-	-	-	-	-	-	-
Site-Specific Cancer³								
Anus								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Breast, Female⁴								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Breast, Male⁴								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Cervix								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-

Table 2b.1. Annual Rate Per 10,000 Eligible Members of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Colon								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Uterus								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Esophagus								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Kidney and Pelvis								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Leukemia								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Liver and Intrahepatic Bile Duct								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-

Table 2b.1. Annual Rate Per 10,000 Eligible Members of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Lung and Bronchus								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Melanoma								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Non-Hodgkin's Lymphoma								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Other Endocrine								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Pancreas								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Prostate⁴								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-

Table 2b.1. Annual Rate Per 10,000 Eligible Members of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Rectum								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Thyroid								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Urinary Bladder								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-

¹In the leap year of 2012, 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

³Cancer diagnoses based on ICD-9 codes for years 2000 through 2015

⁴Site-specific cancer diagnoses related to a particular sex are defined by the codes for which sex is explicit in the description of the code; use of these codes is not limited to a particular sex

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

Table 2b.2. Annual Rate Per 10,000 Eligible Members of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Any Cancer Site								
Younger than 45	-	-	-	54	45.7	40.9	38	35.7
45-64	-	-	-	197.2	168.9	159.2	153.1	149.8
65 and older	-	-	-	493.4	377.7	342.3	314.9	309.8
All Ages ²	-	-	-	420.7	325.2	295.7	273.6	270
Site-Specific Cancer³								
Anus								
Younger than 45	-	-	-	1.9	1.5	1.1	1.1	1.0
45-64	-	-	-	4.0	3.3	3.3	3.4	3.3
65 and older	-	-	-	4.1	3.8	3.4	3.2	2.9
All Ages	-	-	-	4.1	3.6	3.3	3.1	2.9
Breast, Female⁴								
Younger than 45	-	-	-	0.4	0.4	0.5	0.4	0.4
45-64	-	-	-	1.5	1.3	1.3	1.2	0.9
65 and older	-	-	-	3.3	2.9	2.5	2.2	1.8
All Ages	-	-	-	2.9	2.5	2.2	2.0	1.6
Breast, Male⁴								
Younger than 45	-	-	-	0.6	0.6	0.7	0.5	0.5
45-64	-	-	-	1.4	1.5	1.3	1.2	1.3
65 and older	-	-	-	2.9	2.6	2.6	2.3	2.3
All Ages	-	-	-	2.5	2.3	2.3	2.1	2.1
Cervix								
Younger than 45	-	-	-	0.1	0.1	0.0	0.1	0.1
45-64	-	-	-	0.2	0.3	0.2	0.2	0.1
65 and older	-	-	-	0.6	0.5	0.5	0.4	0.3
All Ages	-	-	-	0.5	0.5	0.4	0.3	0.2

Table 2b.2. Annual Rate Per 10,000 Eligible Members of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Colon								
Younger than 45	-	-	-	5.4	4.7	4.0	4.0	4.2
45-64	-	-	-	23.9	20.4	19.5	19.8	19.0
65 and older	-	-	-	57.5	46.7	41.8	38.0	35.7
All Ages	-	-	-	49.8	40.6	36.5	33.7	31.8
Uterus								
Younger than 45	-	-	-	0.1	0.1	0.0	0.1	0.1
45-64	-	-	-	0.1	0.2	0.1	0.1	0.1
65 and older	-	-	-	0.3	0.3	0.3	0.3	0.2
All Ages	-	-	-	0.3	0.3	0.2	0.2	0.2
Esophagus								
Younger than 45	-	-	-	0.8	0.9	1.1	0.8	1.0
45-64	-	-	-	7.3	6.2	6.4	6.2	6.7
65 and older	-	-	-	10.7	9.6	9.1	9.1	10.4
All Ages	-	-	-	9.7	8.7	8.3	8.3	9.4
Kidney and Pelvis								
Younger than 45	-	-	-	4.6	4.4	4.1	4.3	3.9
45-64	-	-	-	15.3	13.0	12.5	12.8	12.9
65 and older	-	-	-	28.4	23.3	21.5	20.5	20.4
All Ages	-	-	-	25.2	20.9	19.3	18.7	18.6
Leukemia								
Younger than 45	-	-	-	8.4	7.1	6.7	5.3	5.5
45-64	-	-	-	13.4	12.2	11.5	11.0	10.2
65 and older	-	-	-	27.3	24.3	22.8	21.5	21.0
All Ages	-	-	-	24.3	21.6	20.4	19.2	18.7
Liver and Intrahepatic Bile Duct								
Younger than 45	-	-	-	2.5	2.1	1.9	1.9	1.7
45-64	-	-	-	14.9	13.8	13.5	13.5	11.5
65 and older	-	-	-	11.8	11.0	11.2	11.2	10.0
All Ages	-	-	-	11.9	11.1	11.2	11.2	9.9

Table 2b.2. Annual Rate Per 10,000 Eligible Members of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Lung and Bronchus								
Younger than 45	-	-	-	6.1	4.9	4.4	4.2	3.7
45-64	-	-	-	38.8	35.0	34.9	34.6	34.1
65 and older	-	-	-	74.5	66.7	63.6	60.0	59.0
All Ages	-	-	-	65.7	58.9	56.4	53.6	52.9
Melanoma								
Younger than 45	-	-	-	3.3	2.7	2.8	2.6	2.2
45-64	-	-	-	11.3	9.9	10.0	9.3	9.7
65 and older	-	-	-	52.5	45.7	45.1	44.2	45.5
All Ages	-	-	-	43.6	37.9	37.6	36.8	38.1
Non-Hodgkin's Lymphoma								
Younger than 45	-	-	-	12.7	10.0	8.6	8.3	8.3
45-64	-	-	-	21.6	18.5	17.5	16.4	15.8
65 and older	-	-	-	35.7	31.0	28.9	27.3	26.3
All Ages	-	-	-	32.5	28.2	26.2	24.9	24.0
Other Endocrine								
Younger than 45	-	-	-	2.1	1.9	1.4	1.6	1.1
45-64	-	-	-	2.8	2.4	2.6	2.5	2.3
65 and older	-	-	-	3.6	3.1	2.9	2.7	2.7
All Ages	-	-	-	3.5	3.0	2.8	2.7	2.6
Pancreas								
Younger than 45	-	-	-	1.5	1.6	1.7	1.4	1.1
45-64	-	-	-	7.5	7.2	7.1	7.2	7.1
65 and older	-	-	-	16.4	15.4	15.3	14.5	14.4
All Ages	-	-	-	14.3	13.4	13.4	12.8	12.7
Prostate⁴								
Younger than 45	-	-	-	7.2	6.2	5.5	4.8	3.8
45-64	-	-	-	58.7	48.0	42.6	38.4	38.1
65 and older	-	-	-	235.4	159.8	136.8	118.5	117.8
All Ages	-	-	-	194.5	133.4	114.6	99.7	99.6

Table 2b.2. Annual Rate Per 10,000 Eligible Members of New Male Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Rectum								
Younger than 45	-	-	-	3.4	2.7	2.2	2.2	2.4
45-64	-	-	-	12.9	10.5	10.3	10.1	9.0
65 and older	-	-	-	25.4	20.2	17.4	15.6	14.2
All Ages	-	-	-	22.4	17.9	15.6	14.2	13.0
Thyroid								
Younger than 45	-	-	-	1.8	1.7	1.8	1.7	2.1
45-64	-	-	-	3.9	3.5	3.1	3.1	3.3
65 and older	-	-	-	5.1	4.5	4.4	4.2	4.2
All Ages	-	-	-	4.8	4.2	4.1	4.0	4.0
Urinary Bladder								
Younger than 45	-	-	-	2.8	2.6	2.1	1.9	1.8
45-64	-	-	-	13.9	12.3	11.2	10.4	10.7
65 and older	-	-	-	56.3	46.0	41.7	38.1	36.0
All Ages	-	-	-	47.0	38.5	35.0	32.1	30.6

¹In the leap year of 2012, 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

³Cancer diagnoses based on ICD-9 codes for years 2000 through 2015

⁴Site-specific cancer diagnoses related to a particular sex are defined by the codes for which sex is explicit in the description of the code; use of these codes is not limited to a particular sex

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

Table 3a.1. Annual Number of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Any Cancer Site								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages ²	0	0	0	0	0	0	0	0
Site-Specific Cancer³								
Anus								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Breast, Female⁴								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Breast, Male⁴								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Cervix								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0

Table 3a.1. Annual Number of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Colon								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Uterus								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Esophagus								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Kidney and Pelvis								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Leukemia								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Liver and Intrahepatic Bile Duct								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0

Table 3a.1. Annual Number of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Lung and Bronchus								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Melanoma								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Non-Hodgkin's Lymphoma								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Other Endocrine								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Pancreas								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Prostate⁴								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0

Table 3a.1. Annual Number of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Rectum								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Thyroid								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0
Urinary Bladder								
Younger than 45	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0
65 and older	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0

¹In the leap year of 2012, 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

³Cancer diagnoses based on ICD-9 codes for years 2000 through 2015

⁴Site-specific cancer diagnoses related to a particular sex are defined by the codes for which sex is explicit in the description of the code; use of these codes is not limited to a particular sex

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

Table 3a.2. Annual Number of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Any Cancer Site								
Younger than 45	0	0	0	5,609	4,975	4,565	4,346	4,083
45-64	0	0	0	41,460	36,277	32,962	31,826	30,276
65 and older	0	0	0	450,438	371,666	336,097	311,454	299,893
All Ages ²	0	0	0	497,507	412,918	373,624	347,626	334,252
Site-Specific Cancer³								
Anus								
Younger than 45	0	0	0	66	61	64	72	45
45-64	0	0	0	650	613	605	597	562
65 and older	0	0	0	5,237	4,720	4,318	4,077	3,808
All Ages	0	0	0	5,953	5,394	4,987	4,746	4,415
Breast, Female⁴								
Younger than 45	0	0	0	1,153	1,133	1,023	1,044	935
45-64	0	0	0	14,265	11,931	10,754	10,315	9,546
65 and older	0	0	0	178,588	141,825	126,470	114,949	109,241
All Ages	0	0	0	194,006	154,889	138,247	126,308	119,722
Breast, Male⁴								
Younger than 45	0	0	0	*****	*****	*****	*****	*****
45-64	0	0	0	*****	*****	*****	*****	*****
65 and older	0	0	0	782	813	835	698	1,094
All Ages	0	0	0	887	913	922	792	1,215
Cervix								
Younger than 45	0	0	0	646	597	588	509	516
45-64	0	0	0	2,600	2,471	2,312	2,219	2,079
65 and older	0	0	0	12,657	11,546	10,495	10,063	9,652
All Ages	0	0	0	15,903	14,614	13,395	12,791	12,247

Table 3a.2. Annual Number of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Colon								
Younger than 45	0	0	0	390	330	330	351	341
45-64	0	0	0	4,700	4,136	3,836	3,751	3,524
65 and older	0	0	0	71,869	59,444	52,632	47,892	45,288
All Ages	0	0	0	76,959	63,910	56,798	51,994	49,153
Uterus								
Younger than 45	0	0	0	394	400	399	373	336
45-64	0	0	0	3,548	3,179	3,077	3,094	3,028
65 and older	0	0	0	30,617	26,901	25,370	24,872	24,725
All Ages	0	0	0	34,559	30,480	28,846	28,339	28,089
Esophagus								
Younger than 45	0	0	0	61	71	49	67	63
45-64	0	0	0	653	630	558	600	706
65 and older	0	0	0	5,571	5,251	4,788	4,838	6,704
All Ages	0	0	0	6,285	5,952	5,395	5,505	7,473
Kidney and Pelvis								
Younger than 45	0	0	0	293	293	230	231	250
45-64	0	0	0	2,301	2,125	1,805	1,881	1,908
65 and older	0	0	0	21,173	18,198	16,357	15,774	16,267
All Ages	0	0	0	23,767	20,616	18,392	17,886	18,425
Leukemia								
Younger than 45	0	0	0	711	647	561	458	455
45-64	0	0	0	3,017	2,731	2,541	2,287	2,093
65 and older	0	0	0	29,072	26,145	23,855	22,424	20,995
All Ages	0	0	0	32,800	29,523	26,957	25,169	23,543
Liver and Intrahepatic Bile Duct								
Younger than 45	0	0	0	152	135	144	125	119
45-64	0	0	0	1,649	1,643	1,567	1,706	1,406
65 and older	0	0	0	11,219	11,019	10,898	10,886	9,316
All Ages	0	0	0	13,020	12,797	12,609	12,717	10,841

Table 3a.2. Annual Number of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Lung and Bronchus								
Younger than 45	0	0	0	469	410	391	371	388
45-64	0	0	0	7,363	7,234	6,693	6,738	6,723
65 and older	0	0	0	79,517	73,705	69,416	66,419	65,933
All Ages	0	0	0	87,349	81,349	76,500	73,528	73,044
Melanoma								
Younger than 45	0	0	0	329	304	267	239	264
45-64	0	0	0	2,238	2,001	1,969	1,977	2,023
65 and older	0	0	0	39,560	34,723	33,824	32,861	34,383
All Ages	0	0	0	42,127	37,028	36,060	35,077	36,670
Non-Hodgkin's Lymphoma								
Younger than 45	0	0	0	888	786	729	634	593
45-64	0	0	0	4,429	3,871	3,549	3,324	3,075
65 and older	0	0	0	39,341	34,820	31,693	29,825	28,545
All Ages	0	0	0	44,658	39,477	35,971	33,783	32,213
Other Endocrine								
Younger than 45	0	0	0	257	220	190	181	156
45-64	0	0	0	972	853	739	759	640
65 and older	0	0	0	5,399	4,764	4,373	4,095	3,970
All Ages	0	0	0	6,628	5,837	5,302	5,035	4,766
Pancreas								
Younger than 45	0	0	0	139	112	109	123	112
45-64	0	0	0	1,451	1,372	1,416	1,333	1,298
65 and older	0	0	0	20,661	19,651	19,056	18,253	17,926
All Ages	0	0	0	22,251	21,135	20,581	19,709	19,336
Prostate⁴								
Younger than 45	0	0	0	27	20	22	17	18
45-64	0	0	0	198	165	159	133	148
65 and older	0	0	0	2,263	2,001	1,613	1,365	1,160
All Ages	0	0	0	2,488	2,186	1,794	1,515	1,326

Table 3a.2. Annual Number of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Rectum								
Younger than 45	0	0	0	203	149	174	150	126
45-64	0	0	0	2,264	2,015	1,797	1,710	1,544
65 and older	0	0	0	29,900	23,683	20,355	18,137	16,377
All Ages	0	0	0	32,367	25,847	22,326	19,997	18,047
Thyroid								
Younger than 45	0	0	0	518	407	413	448	392
45-64	0	0	0	2,297	1,951	1,844	1,767	1,777
65 and older	0	0	0	12,599	11,022	10,840	10,173	10,298
All Ages	0	0	0	15,414	13,380	13,097	12,388	12,467
Urinary Bladder								
Younger than 45	0	0	0	169	140	147	135	122
45-64	0	0	0	1,495	1,464	1,359	1,287	1,117
65 and older	0	0	0	24,033	20,210	18,247	17,076	15,868
All Ages	0	0	0	25,697	21,814	19,753	18,498	17,107

¹In the leap year of 2012, 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

³Cancer diagnoses based on ICD-9 codes for years 2000 through 2015

⁴Site-specific cancer diagnoses related to a particular sex are defined by the codes for which sex is explicit in the description of the code; use of these codes is not limited to a particular sex

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

Table 3b.1. Annual Rate Per 10,000 Eligible Members of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Any Cancer Site								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages ²	-	-	-	-	-	-	-	-
Site-Specific Cancer³								
Anus								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Breast, Female⁴								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Breast, Male⁴								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Cervix								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-

Table 3b.1. Annual Rate Per 10,000 Eligible Members of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Colon								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Uterus								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Esophagus								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Kidney and Pelvis								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Leukemia								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Liver and Intrahepatic Bile Duct								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-

Table 3b.1. Annual Rate Per 10,000 Eligible Members of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Lung and Bronchus								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Melanoma								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Non-Hodgkin's Lymphoma								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Other Endocrine								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Pancreas								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Prostate⁴								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-

Table 3b.1. Annual Rate Per 10,000 Eligible Members of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2007, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2000	2001	2002	2003	2004	2005	2006	2007
Rectum								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Thyroid								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-
Urinary Bladder								
Younger than 45	-	-	-	-	-	-	-	-
45-64	-	-	-	-	-	-	-	-
65 and older	-	-	-	-	-	-	-	-
All Ages	-	-	-	-	-	-	-	-

¹In the leap year of 2012, 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

³Cancer diagnoses based on ICD-9 codes for years 2000 through 2015

⁴Site-specific cancer diagnoses related to a particular sex are defined by the codes for which sex is explicit in the description of the code; use of these codes is not limited to a particular sex

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

Table 3b.2. Annual Rate Per 10,000 Eligible Members of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Any Cancer Site								
Younger than 45	-	-	-	84.8	73.1	68.2	65.8	65.1
45-64	-	-	-	206.7	177.0	163.7	159.0	155
65 and older	-	-	-	326.8	267.8	247.4	231.2	225
All Ages ²	-	-	-	305.3	251	231.9	217.5	212
Site-Specific Cancer³								
Anus								
Younger than 45	-	-	-	1.0	0.9	0.9	1.1	0.7
45-64	-	-	-	3.1	3	2.8	2.8	2.7
65 and older	-	-	-	3.5	3.1	2.9	2.7	2.5
All Ages	-	-	-	3.4	3	2.8	2.7	2.5
Breast, Female⁴								
Younger than 45	-	-	-	17.3	16.4	15.0	15.5	14.6
45-64	-	-	-	69.5	56	51.4	49.4	46.4
65 and older	-	-	-	125.2	97.9	88.5	80.6	77.0
All Ages	-	-	-	115.3	90	81.8	74.9	71.6
Breast, Male⁴								
Younger than 45	-	-	-	0.1	0.1	0.1	0.2	0.1
45-64	-	-	-	0.5	0	0.4	0.4	0.5
65 and older	-	-	-	0.5	0.5	0.6	0.5	0.7
All Ages	-	-	-	0.5	1	0.5	0.4	0.7
Cervix								
Younger than 45	-	-	-	9.6	8.6	8.6	7.5	8.0
45-64	-	-	-	12.4	11	10.8	10.3	9.8
65 and older	-	-	-	8.6	7.7	7.0	6.7	6.5
All Ages	-	-	-	9.2	8	7.6	7.3	7.0

Table 3b.2. Annual Rate Per 10,000 Eligible Members of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Colon								
Younger than 45	-	-	-	5.8	4.8	4.8	5.2	5.3
45-64	-	-	-	22.4	19	17.9	17.5	16.7
65 and older	-	-	-	48.9	39.7	35.5	32.3	30.6
All Ages	-	-	-	44.5	36	32.5	29.7	28.3
Uterus								
Younger than 45	-	-	-	5.9	5.8	5.8	5.5	5.2
45-64	-	-	-	16.9	15	14.4	14.4	14.4
65 and older	-	-	-	20.8	17.9	17.0	16.7	16.6
All Ages	-	-	-	19.9	17	16.4	16.1	16.1
Esophagus								
Younger than 45	-	-	-	0.9	1.0	0.7	1.0	1.0
45-64	-	-	-	3.1	3	2.6	2.8	3.3
65 and older	-	-	-	3.8	3.5	3.2	3.2	4.5
All Ages	-	-	-	3.6	3	3.1	3.1	4.3
Kidney and Pelvis								
Younger than 45	-	-	-	4.4	4.2	3.4	3.4	3.9
45-64	-	-	-	11.0	10	8.4	8.8	9.0
65 and older	-	-	-	14.4	12.1	11.0	10.5	10.9
All Ages	-	-	-	13.7	12	10.5	10.2	10.5
Leukemia								
Younger than 45	-	-	-	10.6	9.3	8.2	6.8	7.1
45-64	-	-	-	14.4	13	11.9	10.7	9.9
65 and older	-	-	-	19.7	17.4	16.0	15.0	14.1
All Ages	-	-	-	18.9	17	15.4	14.3	13.5
Liver and Intrahepatic Bile Duct								
Younger than 45	-	-	-	2.3	1.9	2.1	1.8	1.8
45-64	-	-	-	7.9	8	7.3	7.9	6.6
65 and older	-	-	-	7.6	7.3	7.3	7.3	6.2
All Ages	-	-	-	7.5	7	7.2	7.2	6.2

Table 3b.2. Annual Rate Per 10,000 Eligible Members of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Lung and Bronchus								
Younger than 45	-	-	-	7.0	5.9	5.7	5.5	6.0
45-64	-	-	-	35.2	34	31.3	31.6	32.0
65 and older	-	-	-	54.2	49.2	46.8	44.7	44.5
All Ages	-	-	-	50.6	46	43.7	42.0	42.0
Melanoma								
Younger than 45	-	-	-	4.9	4.4	3.9	3.5	4.1
45-64	-	-	-	10.7	9	9.2	9.2	9.6
65 and older	-	-	-	26.8	23.1	22.7	22.0	23.1
All Ages	-	-	-	24.3	21	20.5	20.0	21.0
Non-Hodgkin's Lymphoma								
Younger than 45	-	-	-	13.3	11.4	10.7	9.4	9.2
45-64	-	-	-	21.2	18	16.6	15.5	14.6
65 and older	-	-	-	26.8	23.2	21.3	20.0	19.2
All Ages	-	-	-	25.8	22	20.5	19.3	18.5
Other Endocrine								
Younger than 45	-	-	-	3.8	3.2	2.8	2.7	2.4
45-64	-	-	-	4.6	4	3.4	3.5	3.0
65 and older	-	-	-	3.7	3.2	2.9	2.7	2.7
All Ages	-	-	-	3.8	3	3.0	2.9	2.7
Pancreas								
Younger than 45	-	-	-	2.1	1.6	1.6	1.8	1.7
45-64	-	-	-	6.9	6	6.6	6.2	6.1
65 and older	-	-	-	14.0	13.0	12.7	12.2	12.0
All Ages	-	-	-	12.8	12	11.7	11.2	11.0
Prostate⁴								
Younger than 45	-	-	-	0.4	0.3	0.3	0.3	0.3
45-64	-	-	-	0.9	1	0.7	0.6	0.7
65 and older	-	-	-	1.5	1.3	1.1	0.9	0.8
All Ages	-	-	-	1.4	1	1.0	0.9	0.8

Table 3b.2. Annual Rate Per 10,000 Eligible Members of New Female Cancer Cases in the Sentinel Distributed Database (SDD) from January 1, 2008 to December 31, 2015, by Cancer Site and Age Group

Age Group (Years)	Year of Diagnosis ¹							
	2008	2009	2010	2011	2012	2013	2014	2015
Rectum								
Younger than 45	-	-	-	3.0	2.1	2.5	2.2	2.0
45-64	-	-	-	10.8	9	8.4	8.0	7.3
65 and older	-	-	-	20.3	15.7	13.6	12.1	11.0
All Ages	-	-	-	18.7	15	12.7	11.4	10.3
Thyroid								
Younger than 45	-	-	-	7.7	5.9	6.0	6.6	6.1
45-64	-	-	-	11.0	9	8.6	8.2	8.4
65 and older	-	-	-	8.5	7.3	7.3	6.8	6.9
All Ages	-	-	-	8.9	8	7.4	7.0	7.1
Urinary Bladder								
Younger than 45	-	-	-	2.5	2.0	2.1	2.0	1.9
45-64	-	-	-	7.1	7	6.3	6.0	5.3
65 and older	-	-	-	16.3	13.4	12.2	11.4	10.6
All Ages	-	-	-	14.8	12	11.2	10.5	9.8

¹In the leap year of 2012, 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

³Cancer diagnoses based on ICD-9 codes for years 2000 through 2015

⁴Site-specific cancer diagnoses related to a particular sex are defined by the codes for which sex is explicit in the description of the code; use of these codes is not limited to a particular sex

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

Table 4. Pre-diagnostic Patient Follow-up in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2015, by Cancer Site

Cancer Site	Number of Patients by Follow-Up Years Available Prior to Cancer					Days			
	Diagnosis ¹					Mean (Standard Deviation)	Median	Minimum	Maximum
	>0 Years	>1 Years	>2 Years	>3 Years	>4 Years				
Any Cancer Site²									
Any Cancer Site	3,946,043	3,946,043	2,645,955	1,729,972	1,017,229	1079.3 (515.0)	987	366	2,191
Site Specific Cancer									
Anus	49,552	49,552	34,569	22,929	13,587	1105.6 (513.0)	1,027	366	2,191
Breast, Female	749,084	749,084	494,073	318,428	184,535	1063.7 (511.3)	966	366	2,191
Breast, Male	20,763	20,763	15,102	10,337	6,344	1156.9 (527.1)	1,091	366	2,191
Cervix	71,627	71,627	49,011	31,604	18,387	1085.3 (507.6)	998	366	2,191
Colon	568,435	568,435	391,781	259,968	154,723	1102.2 (516.6)	1,018	366	2,191
Uterus	152,010	152,010	104,459	69,142	41,111	1099.2 (516.2)	1,014	366	2,191
Esophagus	93,513	93,513	68,083	47,471	30,368	1175.1 (540.0)	1,110	366	2,191
Kidney and Pelvis	243,579	243,579	169,085	113,096	68,948	1113.9 (523.0)	1,030	366	2,191
Leukemia	284,525	284,525	202,450	136,580	82,461	1129.3 (518.0)	1,057	366	2,191
Liver and Intrahepatic Bile Duct	140,193	140,193	100,629	68,010	40,454	1128.4 (507.1)	1,068	366	2,191
Lung and Bronchus	795,153	795,153	574,388	392,767	239,208	1146.1 (520.0)	1,083	366	2,191
Melanoma	459,580	459,580	329,190	226,399	138,368	1146.1 (523.4)	1,077	366	2,191
Non-Hodgkin's Lymphoma	376,866	376,866	263,793	176,048	105,586	1114.5 (516.6)	1,036	366	2,191
Other Endocrine	48,070	48,070	33,288	21,998	12,974	1102.5 (514.2)	1,020	366	2,191
Pancreas	197,370	197,370	144,904	100,308	61,217	1161.8 (519.1)	1,110	366	2,191
Prostate	854,985	854,985	534,877	336,702	191,714	1025.0 (508.4)	909	366	2,191
Rectum	235,654	235,654	157,991	102,403	59,751	1074.1 (509.9)	980	366	2,191
Thyroid	96,632	96,632	65,462	42,908	25,033	1084.3 (514.8)	995	366	2,191
Urinary Bladder	358,755	358,755	250,199	168,034	101,013	1114.4 (518.6)	1,036	366	2,191
Male									
Any Cancer Site ²	1,980,116	1,980,116	1,311,582	853,054	499,215	1069.7 (514.3)	973	366	2,191
Site Specific Cancer									
Anus	24,057	24,057	16,784	11,089	6,580	1104.9 (513.2)	1,023	366	2,191
Breast, Female	15,912	15,912	10,980	7,084	4,103	1088.2 (503.9)	999	366	2,191
Breast, Male	16,034	16,034	11,558	7,828	4,727	1140.6 (517.3)	1,071	366	2,191
Cervix	2,677	2,677	1,877	1,159	626	1074.0 (481.8)	998	366	2,191

Table 4. Pre-diagnostic Patient Follow-up in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2015, by Cancer Site

Cancer Site	Number of Patients by Follow-Up Years Available Prior to Cancer					Days			
	Diagnosis ¹					Mean (Standard Deviation)	Median	Minimum	Maximum
	>0 Years	>1 Years	>2 Years	>3 Years	>4 Years				
Colon	269,621	269,621	185,248	122,781	72,861	1099.3 (516.2)	1,015	366	2,191
Uterus	1,697	1,697	1,231	819	497	1136.7 (512.7)	1,062	369	2,191
Esophagus	62,903	62,903	45,438	31,410	19,723	1159.8 (533.1)	1,093	366	2,191
Kidney and Pelvis	144,493	144,493	100,034	66,875	40,515	1110.3 (521.1)	1,027	366	2,191
Leukemia	146,533	146,533	104,499	70,771	42,847	1132.7 (519.5)	1,063	366	2,191
Liver and Intrahepatic Bile Duct	78,209	78,209	55,699	37,496	22,217	1122.4 (507.3)	1,058	366	2,191
Lung and Bronchus	403,383	403,383	291,046	199,119	120,972	1144.9 (519.6)	1,083	366	2,191
Melanoma	272,618	272,618	196,208	135,410	82,900	1150.4 (523.2)	1,084	366	2,191
Non-Hodgkin's Lymphoma	190,764	190,764	133,569	89,358	53,643	1115.7 (517.1)	1,040	366	2,191
Other Endocrine	20,502	20,502	14,234	9,505	5,618	1107.9 (516.0)	1,028	366	2,191
Pancreas	94,358	94,358	69,142	47,812	29,078	1159.6 (518.4)	1,106	366	2,191
Prostate	845,676	845,676	528,485	332,649	189,406	1024.4 (508.4)	908	366	2,191
Rectum	117,070	117,070	78,533	50,868	29,750	1074.5 (510.1)	980	366	2,191
Thyroid	29,886	29,886	20,668	13,666	8,119	1102.9 (517.2)	1,019	366	2,191
Urinary Bladder	255,886	255,886	178,269	119,722	71,921	1113.7 (518.8)	1,035	366	2,191
Female									
Any Cancer Site ²	1,965,927	1,965,927	1,334,373	876,918	518,014	1089.0 (515.5)	1,000	366	2,191
Site Specific Cancer									
Anus	25,495	25,495	17,785	11,840	7,007	1106.2 (512.8)	1,029	366	2,191
Breast, Female	733,172	733,172	483,093	311,344	180,432	1063.2 (511.4)	966	366	2,191
Breast, Male	4,729	4,729	3,544	2,509	1,617	1212.2 (555.7)	1,160	367	2,191
Cervix	68,950	68,950	47,134	30,445	17,761	1085.8 (508.6)	998	366	2,191
Colon	298,814	298,814	206,533	137,187	81,862	1104.8 (516.9)	1,020	366	2,191
Uterus	150,313	150,313	103,228	68,323	40,614	1098.8 (516.3)	1,014	366	2,191
Esophagus	30,610	30,610	22,645	16,061	10,645	1206.4 (552.7)	1,145	366	2,191
Kidney and Pelvis	99,086	99,086	69,051	46,221	28,433	1119.1 (525.7)	1,035	366	2,191
Leukemia	137,992	137,992	97,951	65,809	39,614	1125.7 (516.4)	1,051	366	2,191
Liver and Intrahepatic Bile Duct	61,984	61,984	44,930	30,514	18,237	1136.0 (506.8)	1,079	366	2,191
Lung and Bronchus	391,770	391,770	283,342	193,648	118,236	1147.4 (520.4)	1,083	366	2,191

Table 4. Pre-diagnostic Patient Follow-up in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2015, by Cancer Site

Cancer Site	Number of Patients by Follow-Up Years Available Prior to Cancer					Days			
	Diagnosis ¹					Mean (Standard Deviation)	Median	Minimum	Maximum
	>0 Years	>1 Years	>2 Years	>3 Years	>4 Years				
Melanoma	186,962	186,962	132,982	90,989	55,468	1139.7 (523.7)	1,066	366	2,191
Non-Hodgkin's Lymphoma	186,102	186,102	130,224	86,690	51,943	1113.2 (516.2)	1,033	366	2,191
Other Endocrine	27,568	27,568	19,054	12,493	7,356	1098.5 (512.8)	1,013	366	2,191
Pancreas	103,012	103,012	75,762	52,496	32,139	1163.8 (519.8)	1,112	366	2,191
Prostate	9,309	9,309	6,392	4,053	2,308	1078.5 (500.8)	988	366	2,191
Rectum	118,584	118,584	79,458	51,535	30,001	1073.7 (509.8)	980	366	2,191
Thyroid	66,746	66,746	44,794	29,242	16,914	1076.0 (513.5)	985	366	2,191
Urinary Bladder	102,869	102,869	71,930	48,312	29,092	1116.2 (518.0)	1,040	366	2,191

¹Prediagnostic duration of follow-up based on date of entry to date of first diagnosis of site-specific cancer

²Based on date of first incident diagnosis of a listed site-specific cancer

Table 5. Post-diagnostic Patient Follow-up in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2015, by Cancer Site

Cancer Site	Number of Patients by Follow-Up Years Available Post Cancer					Days			
	Diagnosis ¹					Mean (Standard Deviation)	Median	Minimum	Maximum
	>0 Years	>1 Years	>2 Years	>3 Years	>4 Years				
Any Cancer Site²									
Any Cancer Site	3,946,043	2,529,623	1,750,954	1,117,036	561,049	720.4 (555.5)	618	1	1,826
Site Specific Cancer									
Anus	49,552	30,456	19,484	11,560	5,256	662.0 (522.1)	542	1	1,826
Breast, Female	749,084	544,942	390,159	252,663	128,027	819.5 (545.3)	774	1	1,826
Breast, Male	20,763	12,970	8,511	4,980	2,238	673.6 (524.6)	570	1	1,824
Cervix	71,627	45,284	29,916	18,229	8,511	688.9 (532.3)	576	1	1,826
Colon	568,435	351,176	236,835	147,504	71,261	683.9 (546.8)	569	1	1,826
Uterus	152,010	100,221	67,116	41,333	19,887	721.6 (535.8)	624	1	1,826
Esophagus	93,513	39,507	22,022	12,454	5,569	459.3 (474.4)	273	1	1,826
Kidney and Pelvis	243,579	153,065	102,944	64,000	30,629	693.9 (543.8)	582	1	1,826
Leukemia	284,525	163,996	107,229	64,305	29,394	627.3 (535.5)	492	1	1,826
Liver and Intrahepatic Bile Duct	140,193	49,832	26,603	14,197	6,060	385.7 (445.3)	198	1	1,826
Lung and Bronchus	795,153	317,739	177,930	97,673	43,039	433.4 (469.4)	245	1	1,826
Melanoma	459,580	329,341	227,416	141,235	68,153	786.2 (529.9)	719	1	1,826
Non-Hodgkin's Lymphoma	376,866	231,381	154,235	94,623	44,338	674.7 (538.8)	556	1	1,826
Other Endocrine	48,070	28,932	19,519	12,140	5,723	668.6 (545.4)	545	1	1,826
Pancreas	197,370	73,471	42,267	24,061	10,850	414.3 (472.4)	209	1	1,826
Prostate	854,985	626,809	458,349	305,453	162,456	845.1 (555.6)	806	1	1,826
Rectum	235,654	145,543	97,233	60,388	29,356	682.7 (543.3)	563	1	1,826
Thyroid	96,632	68,442	48,234	30,350	14,937	790.4 (540.9)	728	1	1,826
Urinary Bladder	358,755	238,396	161,941	100,263	48,161	732.7 (537.9)	640	1	1,826
Male									
Any Cancer Site ²	1,980,116	1,260,381	872,336	558,152	283,164	717.9 (557.3)	612	1	1,826
Site Specific Cancer									
Anus	24,057	14,491	9,118	5,350	2,401	644.9 (517.8)	517	1	1,826
Breast, Female	15,912	10,246	6,880	4,226	2,000	705.8 (535.7)	606	1	1,826
Breast, Male	16,034	10,069	6,555	3,835	1,721	676.5 (520.6)	566	1	1,824
Cervix	2,677	1,789	1,223	734	315	724.5 (525.3)	634	1	1,824

Table 5. Post-diagnostic Patient Follow-up in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2015, by Cancer Site

Cancer Site	Number of Patients by Follow-Up Years Available Post Cancer					Days			
	Diagnosis ¹					Mean (Standard Deviation)	Median	Minimum	Maximum
	>0 Years	>1 Years	>2 Years	>3 Years	>4 Years				
Colon	269,621	164,286	109,669	67,656	32,273	671.3 (543.4)	552	1	1,826
Uterus	1,697	1,018	631	369	162	634.3 (512.5)	517	1	1,823
Esophagus	62,903	26,011	14,135	7,887	3,545	448.2 (466.2)	267	1	1,826
Kidney and Pelvis	144,493	90,755	60,815	37,504	17,934	691.7 (541.7)	578	1	1,826
Leukemia	146,533	81,677	52,482	30,955	13,912	603.2 (528.7)	457	1	1,826
Liver and Intrahepatic Bile Duct	78,209	26,979	14,113	7,318	3,086	373.1 (434.9)	190	1	1,826
Lung and Bronchus	403,383	148,758	80,190	42,917	18,688	400.9 (450.9)	217	1	1,826
Melanoma	272,618	193,917	132,714	81,643	38,947	776.3 (527.2)	707	1	1,826
Non-Hodgkin's Lymphoma	190,764	113,883	74,632	45,073	20,855	652.1 (533.3)	525	1	1,826
Other Endocrine	20,502	11,491	7,517	4,550	2,106	617.5 (535.3)	469	1	1,826
Pancreas	94,358	34,315	19,244	10,715	4,720	401.7 (461.7)	204	1	1,826
Prostate	845,676	620,607	454,002	302,625	161,120	846.1 (555.6)	808	1	1,826
Rectum	117,070	71,162	46,941	28,726	13,783	667.4 (538.1)	543	1	1,826
Thyroid	29,886	20,254	13,888	8,547	4,069	747.1 (536.6)	666	1	1,825
Urinary Bladder	255,886	171,618	116,299	71,579	34,102	737.0 (534.9)	647	1	1,826
Female									
Any Cancer Site ²	1,965,927	1,269,242	878,618	558,884	277,885	722.9 (553.6)	624	1	1,826
Site Specific Cancer									
Anus	25,495	15,965	10,366	6,210	2,855	678.0 (525.6)	568	1	1,826
Breast, Female	733,172	534,696	383,279	248,437	126,027	822.0 (545.2)	778	1	1,826
Breast, Male	4,729	2,901	1,956	1,145	517	664.1 (538.0)	584	1	1,823
Cervix	68,950	43,495	28,693	17,495	8,196	687.5 (532.5)	574	1	1,826
Colon	298,814	186,890	127,166	79,848	38,988	695.2 (549.6)	584	1	1,826
Uterus	150,313	99,203	66,485	40,964	19,725	722.6 (536.0)	625	1	1,826
Esophagus	30,610	13,496	7,887	4,567	2,024	482.1 (490.1)	289	1	1,826
Kidney and Pelvis	99,086	62,310	42,129	26,496	12,695	697.2 (546.8)	585	1	1,826
Leukemia	137,992	82,319	54,747	33,350	15,482	652.9 (541.5)	531	1	1,826
Liver and Intrahepatic Bile Duct	61,984	22,853	12,490	6,879	2,974	401.5 (457.5)	209	1	1,826
Lung and Bronchus	391,770	168,981	97,740	54,756	24,351	466.8 (485.4)	277	1	1,826

Table 5. Post-diagnostic Patient Follow-up in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2015, by Cancer Site

Cancer Site	Number of Patients by Follow-Up Years Available Post Cancer					Days			
	Diagnosis ¹					Mean (Standard Deviation)	Median	Minimum	Maximum
	>0 Years	>1 Years	>2 Years	>3 Years	>4 Years				
Melanoma	186,962	135,424	94,702	59,592	29,206	800.8 (533.5)	749	1	1,826
Non-Hodgkin's Lymphoma	186,102	117,498	79,603	49,550	23,483	697.9 (543.4)	590	1	1,826
Other Endocrine	27,568	17,441	12,002	7,590	3,617	706.6 (549.7)	602	1	1,826
Pancreas	103,012	39,156	23,023	13,346	6,130	425.9 (481.8)	214	1	1,826
Prostate	9,309	6,202	4,347	2,828	1,336	748.2 (548.9)	668	1	1,824
Rectum	118,584	74,381	50,292	31,662	15,573	697.8 (548.0)	583	1	1,826
Thyroid	66,746	48,188	34,346	21,803	10,868	809.8 (541.6)	763	1	1,826
Urinary Bladder	102,869	66,778	45,642	28,684	14,059	722.1 (545.2)	619	1	1,826

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 availability; or 4.) the end of the query period.

²Based on date of first incident diagnosis of a listed site-specific cancer

Table 6a. Counts of Patients by Pre and Post Index Follow-up Time for Any Cancer Site in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	3,946,043	2,529,623	1,750,954	1,117,036	561,049
>1 Year	3,946,043	2,529,623	1,750,954	1,117,036	561,049
>2 Year	2,645,955	1,549,741	938,277	441,604	0
>3 Year	1,729,972	884,954	400,367	660	0
>4 Year	1,017,229	384,434	0	0	0
Males¹					
>0 Year	1,980,116	1,260,381	872,336	558,152	283,164
>1 Year	1,980,116	1,260,381	872,336	558,152	283,164
>2 Year	1,311,582	759,777	458,882	215,738	0
>3 Year	853,054	430,794	194,307	294	0
>4 Year	499,215	185,857	0	0	0
Females¹					
>0 Year	1,965,927	1,269,242	878,618	558,884	277,885
>1 Year	1,965,927	1,269,242	878,618	558,884	277,885
>2 Year	1,334,373	789,964	479,395	225,866	0
>3 Year	876,918	454,160	206,060	366	0
>4 Year	518,014	198,577	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

Table 6b. 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 December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	49,552	30,456	19,484	11,560	5,256
>1 Year	49,552	30,456	19,484	11,560	5,256
>2 Year	34,569	19,753	11,079	4,915	0
>3 Year	22,929	11,534	4,840	13	0
>4 Year	13,587	5,124	0	0	0
Males¹					
>0 Year	24,057	14,491	9,118	5,350	2,401
>1 Year	24,057	14,491	9,118	5,350	2,401
>2 Year	16,784	9,398	5,193	*****	0
>3 Year	11,089	5,469	*****	*****	0
>4 Year	6,580	2,442	0	0	0
Females¹					
>0 Year	25,495	15,965	10,366	6,210	2,855
>1 Year	25,495	15,965	10,366	6,210	2,855
>2 Year	17,785	10,355	5,886	*****	0
>3 Year	11,840	6,065	*****	*****	0
>4 Year	7,007	2,682	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

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

Table 6c. 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 December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	749,084	544,942	390,159	252,663	128,027
>1 Year	749,084	544,942	390,159	252,663	128,027
>2 Year	494,073	333,314	209,780	100,541	0
>3 Year	318,428	189,664	89,625	180	0
>4 Year	184,535	81,861	0	0	0
Males¹					
>0 Year	15,912	10,246	6,880	4,226	2,000
>1 Year	15,912	10,246	6,880	4,226	2,000
>2 Year	10,980	6,594	3,910	*****	0
>3 Year	7,084	3,785	*****	*****	0
>4 Year	4,103	1,663	0	0	0
Females¹					
>0 Year	733,172	534,696	383,279	248,437	126,027
>1 Year	733,172	534,696	383,279	248,437	126,027
>2 Year	483,093	326,720	205,870	98,715	0
>3 Year	311,344	185,879	87,974	177	0
>4 Year	180,432	80,198	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

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

Table 6d. 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 December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	20,763	12,970	8,511	4,980	2,238
>1 Year	20,763	12,970	8,511	4,980	2,238
>2 Year	15,102	8,688	5,041	*****	0
>3 Year	10,337	5,184	*****	*****	0
>4 Year	6,344	2,305	0	0	0
Males¹					
>0 Year	16,034	10,069	6,555	3,835	1,721
>1 Year	16,034	10,069	6,555	3,835	1,721
>2 Year	11,558	6,699	3,855	*****	0
>3 Year	7,828	4,001	*****	*****	0
>4 Year	4,727	1,784	0	0	0
Females¹					
>0 Year	4,729	2,901	1,956	1,145	517
>1 Year	4,729	2,901	1,956	1,145	517
>2 Year	3,544	1,989	1,186	*****	0
>3 Year	2,509	1,183	*****	*****	0
>4 Year	1,617	521	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

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

Table 6e. 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 December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	71,627	45,284	29,916	18,229	8,511
>1 Year	71,627	45,284	29,916	18,229	8,511
>2 Year	49,011	28,647	16,714	7,664	0
>3 Year	31,604	16,202	7,085	12	0
>4 Year	18,387	6,995	0	0	0
Males¹					
>0 Year	2,677	1,789	1,223	734	315
>1 Year	2,677	1,789	1,223	734	315
>2 Year	1,877	1,182	733	*****	0
>3 Year	1,159	642	*****	*****	0
>4 Year	626	264	0	0	0
Females¹					
>0 Year	68,950	43,495	28,693	17,495	8,196
>1 Year	68,950	43,495	28,693	17,495	8,196
>2 Year	47,134	27,465	15,981	7,323	0
>3 Year	30,445	15,560	6,782	11	0
>4 Year	17,761	6,731	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

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

Table 6f. 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 December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	568,435	351,176	236,835	147,504	71,261
>1 Year	568,435	351,176	236,835	147,504	71,261
>2 Year	391,781	222,290	131,624	60,730	0
>3 Year	259,968	129,011	57,061	86	0
>4 Year	154,723	56,769	0	0	0
Males¹					
>0 Year	269,621	164,286	109,669	67,656	32,273
>1 Year	269,621	164,286	109,669	67,656	32,273
>2 Year	185,248	103,639	60,768	27,778	0
>3 Year	122,781	59,974	26,235	38	0
>4 Year	72,861	26,312	0	0	0
Females¹					
>0 Year	298,814	186,890	127,166	79,848	38,988
>1 Year	298,814	186,890	127,166	79,848	38,988
>2 Year	206,533	118,651	70,856	32,952	0
>3 Year	137,187	69,037	30,826	48	0
>4 Year	81,862	30,457	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

Table 6g. 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 December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	152,010	100,221	67,116	41,333	19,887
>1 Year	152,010	100,221	67,116	41,333	19,887
>2 Year	104,459	63,540	37,261	17,065	0
>3 Year	69,142	36,955	16,161	29	0
>4 Year	41,111	16,442	0	0	0
Males¹					
>0 Year	1,697	1,018	631	369	162
>1 Year	1,697	1,018	631	369	162
>2 Year	1,231	690	373	164	0
>3 Year	819	412	173	0	0
>4 Year	497	194	0	0	0
Females¹					
>0 Year	150,313	99,203	66,485	40,964	19,725
>1 Year	150,313	99,203	66,485	40,964	19,725
>2 Year	103,228	62,850	36,888	16,901	0
>3 Year	68,323	36,543	15,988	29	0
>4 Year	40,614	16,248	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

Table 6h. 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 December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	93,513	39,507	22,022	12,454	5,569
>1 Year	93,513	39,507	22,022	12,454	5,569
>2 Year	68,083	26,031	12,583	5,288	0
>3 Year	47,471	15,549	5,498	12	0
>4 Year	30,368	7,197	0	0	0
Males¹					
>0 Year	62,903	26,011	14,135	7,887	3,545
>1 Year	62,903	26,011	14,135	7,887	3,545
>2 Year	45,438	17,045	8,021	*****	0
>3 Year	31,410	10,162	*****	*****	0
>4 Year	19,723	4,664	0	0	0
Females¹					
>0 Year	30,610	13,496	7,887	4,567	2,024
>1 Year	30,610	13,496	7,887	4,567	2,024
>2 Year	22,645	8,986	4,562	*****	0
>3 Year	16,061	5,387	*****	*****	0
>4 Year	10,645	2,533	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

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Table 6i. Counts of Patients by Pre and Post Index Follow-up Time for Kidney and Pelvic Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	243,579	153,065	102,944	64,000	30,629
>1 Year	243,579	153,065	102,944	64,000	30,629
>2 Year	169,085	97,223	57,147	26,485	0
>3 Year	113,096	56,603	24,581	40	0
>4 Year	68,948	25,544	0	0	0
Males¹					
>0 Year	144,493	90,755	60,815	37,504	17,934
>1 Year	144,493	90,755	60,815	37,504	17,934
>2 Year	100,034	57,583	33,745	15,484	0
>3 Year	66,875	33,568	14,550	19	0
>4 Year	40,515	15,103	0	0	0
Females¹					
>0 Year	99,086	62,310	42,129	26,496	12,695
>1 Year	99,086	62,310	42,129	26,496	12,695
>2 Year	69,051	39,640	23,402	11,001	0
>3 Year	46,221	23,035	10,031	21	0
>4 Year	28,433	10,441	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

Table 6j. Counts of Patients by Pre and Post Index Follow-up Time for Leukemia in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	284,525	163,996	107,229	64,305	29,394
>1 Year	284,525	163,996	107,229	64,305	29,394
>2 Year	202,450	107,549	62,015	27,833	0
>3 Year	136,580	63,581	27,321	46	0
>4 Year	82,461	28,444	0	0	0
Males¹					
>0 Year	146,533	81,677	52,482	30,955	13,912
>1 Year	146,533	81,677	52,482	30,955	13,912
>2 Year	104,499	53,657	30,387	13,440	0
>3 Year	70,771	31,883	13,444	25	0
>4 Year	42,847	14,301	0	0	0
Females¹					
>0 Year	137,992	82,319	54,747	33,350	15,482
>1 Year	137,992	82,319	54,747	33,350	15,482
>2 Year	97,951	53,892	31,628	14,393	0
>3 Year	65,809	31,698	13,877	21	0
>4 Year	39,614	14,143	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

Table 6k. Counts of Patients by Pre and Post Index Follow-up Time for Liver and Intrahepatic Bile Duct Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	140,193	49,832	26,603	14,197	6,060
>1 Year	140,193	49,832	26,603	14,197	6,060
>2 Year	100,629	32,863	15,286	*****	0
>3 Year	68,010	19,467	*****	*****	0
>4 Year	40,454	8,822	0	0	0
Males¹					
>0 Year	78,209	26,979	14,113	7,318	3,086
>1 Year	78,209	26,979	14,113	7,318	3,086
>2 Year	55,699	17,612	8,077	*****	0
>3 Year	37,496	10,395	*****	*****	0
>4 Year	22,217	4,624	0	0	0
Females¹					
>0 Year	61,984	22,853	12,490	6,879	2,974
>1 Year	61,984	22,853	12,490	6,879	2,974
>2 Year	44,930	15,251	7,209	*****	0
>3 Year	30,514	9,072	*****	*****	0
>4 Year	18,237	4,198	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

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

Table 6I. Counts of Patients by Pre and Post Index Follow-up Time for Lung and Bronchus Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	795,153	317,739	177,930	97,673	43,039
>1 Year	795,153	317,739	177,930	97,673	43,039
>2 Year	574,388	210,153	103,189	41,913	0
>3 Year	392,767	125,584	46,018	81	0
>4 Year	239,208	56,594	0	0	0
Males¹					
>0 Year	403,383	148,758	80,190	42,917	18,688
>1 Year	403,383	148,758	80,190	42,917	18,688
>2 Year	291,046	98,096	46,294	18,285	0
>3 Year	199,119	58,709	20,747	34	0
>4 Year	120,972	26,460	0	0	0
Females¹					
>0 Year	391,770	168,981	97,740	54,756	24,351
>1 Year	391,770	168,981	97,740	54,756	24,351
>2 Year	283,342	112,057	56,895	23,628	0
>3 Year	193,648	66,875	25,271	47	0
>4 Year	118,236	30,134	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

Table 6m. Counts of Patients by Pre and Post Index Follow-up Time for Melanoma in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	459,580	329,341	227,416	141,235	68,153
>1 Year	459,580	329,341	227,416	141,235	68,153
>2 Year	329,190	219,410	133,408	61,363	0
>3 Year	226,399	133,439	61,060	68	0
>4 Year	138,368	61,043	0	0	0
Males¹					
>0 Year	272,618	193,917	132,714	81,643	38,947
>1 Year	272,618	193,917	132,714	81,643	38,947
>2 Year	196,208	129,870	78,368	35,694	0
>3 Year	135,410	79,325	36,011	40	0
>4 Year	82,900	36,381	0	0	0
Females¹					
>0 Year	186,962	135,424	94,702	59,592	29,206
>1 Year	186,962	135,424	94,702	59,592	29,206
>2 Year	132,982	89,540	55,040	25,669	0
>3 Year	90,989	54,114	25,049	28	0
>4 Year	55,468	24,662	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

Table 6n. 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 December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	376,866	231,381	154,235	94,623	44,338
>1 Year	376,866	231,381	154,235	94,623	44,338
>2 Year	263,793	149,484	87,714	40,293	0
>3 Year	176,048	87,372	38,122	58	0
>4 Year	105,586	38,987	0	0	0
Males¹					
>0 Year	190,764	113,883	74,632	45,073	20,855
>1 Year	190,764	113,883	74,632	45,073	20,855
>2 Year	133,569	73,604	42,423	19,146	0
>3 Year	89,358	43,144	18,520	29	0
>4 Year	53,643	19,238	0	0	0
Females¹					
>0 Year	186,102	117,498	79,603	49,550	23,483
>1 Year	186,102	117,498	79,603	49,550	23,483
>2 Year	130,224	75,880	45,291	21,147	0
>3 Year	86,690	44,228	19,602	29	0
>4 Year	51,943	19,749	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

Table 6o. 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 December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	48,070	28,932	19,519	12,140	5,723
>1 Year	48,070	28,932	19,519	12,140	5,723
>2 Year	33,288	18,487	11,021	*****	0
>3 Year	21,998	10,671	*****	*****	0
>4 Year	12,974	4,634	0	0	0
Males¹					
>0 Year	20,502	11,491	7,517	4,550	2,106
>1 Year	20,502	11,491	7,517	4,550	2,106
>2 Year	14,234	7,365	4,264	*****	0
>3 Year	9,505	4,306	*****	*****	0
>4 Year	5,618	1,862	0	0	0
Females¹					
>0 Year	27,568	17,441	12,002	7,590	3,617
>1 Year	27,568	17,441	12,002	7,590	3,617
>2 Year	19,054	11,122	6,757	*****	0
>3 Year	12,493	6,365	*****	*****	0
>4 Year	7,356	2,772	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

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

Table 6p. 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 December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	197,370	73,471	42,267	24,061	10,850
>1 Year	197,370	73,471	42,267	24,061	10,850
>2 Year	144,904	49,628	25,116	10,505	0
>3 Year	100,308	29,991	11,443	22	0
>4 Year	61,217	13,315	0	0	0
Males¹					
>0 Year	94,358	34,315	19,244	10,715	4,720
>1 Year	94,358	34,315	19,244	10,715	4,720
>2 Year	69,142	23,154	11,433	4,667	0
>3 Year	47,812	14,056	5,256	11	0
>4 Year	29,078	6,147	0	0	0
Females¹					
>0 Year	103,012	39,156	23,023	13,346	6,130
>1 Year	103,012	39,156	23,023	13,346	6,130
>2 Year	75,762	26,474	13,683	5,838	0
>3 Year	52,496	15,935	6,187	11	0
>4 Year	32,139	7,168	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

Table 6q. 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 December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	854,985	626,809	458,349	305,453	162,456
>1 Year	854,985	626,809	458,349	305,453	162,456
>2 Year	534,877	359,570	229,854	112,243	0
>3 Year	336,702	197,890	94,752	155	0
>4 Year	191,714	82,590	0	0	0
Males¹					
>0 Year	845,676	620,607	454,002	302,625	161,120
>1 Year	845,676	620,607	454,002	302,625	161,120
>2 Year	528,485	355,603	227,370	111,011	0
>3 Year	332,649	195,666	93,738	154	0
>4 Year	189,406	81,648	0	0	0
Females¹					
>0 Year	9,309	6,202	4,347	2,828	1,336
>1 Year	9,309	6,202	4,347	2,828	1,336
>2 Year	6,392	3,967	2,484	*****	0
>3 Year	4,053	2,224	*****	*****	0
>4 Year	2,308	942	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

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

Table 6r. 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 December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	235,654	145,543	97,233	60,388	29,356
>1 Year	235,654	145,543	97,233	60,388	29,356
>2 Year	157,991	89,771	52,523	24,147	0
>3 Year	102,403	50,993	22,276	37	0
>4 Year	59,751	22,091	0	0	0
Males¹					
>0 Year	117,070	71,162	46,941	28,726	13,783
>1 Year	117,070	71,162	46,941	28,726	13,783
>2 Year	78,533	43,851	25,369	11,436	0
>3 Year	50,868	24,895	10,702	14	0
>4 Year	29,750	10,809	0	0	0
Females¹					
>0 Year	118,584	74,381	50,292	31,662	15,573
>1 Year	118,584	74,381	50,292	31,662	15,573
>2 Year	79,458	45,920	27,154	12,711	0
>3 Year	51,535	26,098	11,574	23	0
>4 Year	30,001	11,282	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

Table 6s. 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 December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	96,632	68,442	48,234	30,350	14,937
>1 Year	96,632	68,442	48,234	30,350	14,937
>2 Year	65,462	42,927	26,714	12,418	0
>3 Year	42,908	24,837	11,705	16	0
>4 Year	25,033	10,752	0	0	0
Males¹					
>0 Year	29,886	20,254	13,888	8,547	4,069
>1 Year	29,886	20,254	13,888	8,547	4,069
>2 Year	20,668	12,960	7,831	*****	0
>3 Year	13,666	7,541	*****	*****	0
>4 Year	8,119	3,354	0	0	0
Females¹					
>0 Year	66,746	48,188	34,346	21,803	10,868
>1 Year	66,746	48,188	34,346	21,803	10,868
>2 Year	44,794	29,967	18,883	*****	0
>3 Year	29,242	17,296	*****	*****	0
>4 Year	16,914	7,398	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

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

Table 6t. Counts of Patients by Pre and Post Index Follow-up Time for Urinary Bladder Cancer in the Sentinel Distributed Database (SDD) from January 1, 2000 to December 31, 2015

Pre-Index Enrollment	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total¹					
>0 Year	358,755	238,396	161,941	100,263	48,161
>1 Year	358,755	238,396	161,941	100,263	48,161
>2 Year	250,199	153,399	91,451	41,969	0
>3 Year	168,034	90,533	40,339	53	0
>4 Year	101,013	40,424	0	0	0
Males¹					
>0 Year	255,886	171,618	116,299	71,579	34,102
>1 Year	255,886	171,618	116,299	71,579	34,102
>2 Year	178,269	110,360	65,758	30,049	0
>3 Year	119,722	65,127	29,018	35	0
>4 Year	71,921	29,007	0	0	0
Females¹					
>0 Year	102,869	66,778	45,642	28,684	14,059
>1 Year	102,869	66,778	45,642	28,684	14,059
>2 Year	71,930	43,039	25,693	11,920	0
>3 Year	48,312	25,406	11,321	18	0
>4 Year	29,092	11,417	0	0	0

¹Durations across patients with at least one of the incident site-specific cancers of interest, based on the first incident cancer diagnosis

Appendix A. Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date (March 29, 2018)

DP ID	Start Date¹	End Date¹
DP01	1/1/2010	12/31/2015

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 Exposures in this Report

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
C21.1	Malignant neoplasm of anal canal	Diagnosis	ICD-10-CM
C21.0	Malignant neoplasm of anus, unspecified	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
C50.019	Malignant neoplasm of nipple and areola, unspecified female breast	Diagnosis	ICD-10-CM
C50.119	Malignant neoplasm of central portion of unspecified female breast	Diagnosis	ICD-10-CM
C50.219	Malignant neoplasm of upper-inner quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.319	Malignant neoplasm of lower-inner quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.419	Malignant neoplasm of upper-outer quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.519	Malignant neoplasm of lower-outer quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.619	Malignant neoplasm of axillary tail of unspecified female breast	Diagnosis	ICD-10-CM
C50.819	Malignant neoplasm of overlapping sites of unspecified female breast	Diagnosis	ICD-10-CM
C50.919	Malignant neoplasm of unspecified site of unspecified female breast	Diagnosis	ICD-10-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
C50.111	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
C50.211	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
C50.311	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
C50.411	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
C50.511	Malignant neoplasm of lower-outer quadrant of right 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 Exposures in this Report

Code	Description	Code Type	Code Category
C50.512	Malignant neoplasm of lower-outer quadrant of left 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
C50.811	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
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
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
C50.029	Malignant neoplasm of nipple and areola, unspecified male breast	Diagnosis	ICD-10-CM
C50.929	Malignant neoplasm of unspecified site of unspecified male breast	Diagnosis	ICD-10-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
C50.121	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
Cervical Cancer			
180	Malignant neoplasm of cervix uteri	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 Exposures in this Report

Code	Description	Code Type	Code Category
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
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
C18.3	Malignant neoplasm of hepatic flexure	Diagnosis	ICD-10-CM
C18.4	Malignant neoplasm of transverse colon	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
C18.0	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
C18.5	Malignant neoplasm of splenic flexure	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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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
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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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
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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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
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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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
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

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Code	Description	Code Type	Code Category
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
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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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
C22.3	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
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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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
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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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-Hodgkin's Lymphoma			
	Lymphosarcoma and reticulosarcoma and other specified malignant tumors of lymphatic tissue		ICD-9-CM
200	lymphatic tissue	Diagnosis	ICD-9-CM
200.00	Reticulosarcoma, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
200.0	Reticulosarcoma	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
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
200.20	Burkitt's tumor or lymphoma, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
200.2	Burkitt's tumor or lymphoma	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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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
200.40	Mantle cell lymphoma, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
200.4	Mantle cell lymphoma	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
200.50	Primary central nervous system lymphoma, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
200.5	Primary central nervous system lymphoma	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
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
200.60	Anaplastic large cell lymphoma, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
200.6	Anaplastic large cell lymphoma	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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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
200.80	Other named variants, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
200.8	Other named variants of lymphosarcoma and reticulosarcoma	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 inguinal region and lower limb	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
200.88	Other named variants of lymphosarcoma and reticulosarcoma of lymph nodes of multiple sites	Diagnosis	ICD-9-CM
202.00	Nodular lymphoma, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
202.0	Nodular lymphoma	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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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
202.10	Mycosis fungoides, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
202.1	Mycosis fungoides	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
202.20	Sezary's disease, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
202.2	Sezary's disease	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
202.90	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue, unspecified site, extranodal and solid organ sites	Diagnosis	ICD-9-CM
202.9	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue	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 Exposures in this Report

Code	Description	Code Type	Code Category
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	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of lymph nodes of inguinal region and lower limb	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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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
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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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
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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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
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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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
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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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
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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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
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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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
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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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
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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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
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 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

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 Exposures in this Report

Code	Description	Code Type	Code Category
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 Used in this Request

This request executed Sentinel's Cohort Identification and Descriptive Analysis (CIDA) tool, version 5.0.3 with additional ad hoc programming, to describe the duration of follow-up among patients prior to and after the first cancer diagnosis observed in the Sentinel Distributed Database (SDD).

Query Period: 1/1/2000 - Most Recent available Data

Enrollment Gap: 45 days

Enrollment Requirement: 365 days

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

Coverage Requirement: Medical Coverage

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

Scenario	Event						Outcome		
	Incident Exposure	Care Setting	Incident with Respect to	Incidence Care Setting	Washout (Days)	Cohort Definition	ITT (Intent to Treat) Days	Censor due to Evidence of Death	
1	All Listed Cancer Sites	Any	All Cancer Sites	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)
2	Anal Cancer	Any	Anus Cancer	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)
3	Breast Cancer, Female	Any	Breast Cancer, Female	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)
4	Breast Cancer, Male	Any	Breast Cancer, Male	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)
5	Cervical Cancer	Any	Cervical Cancer	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)
6	Colon Cancer	Any	Colon Cancer	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)
7	Endometrial Cancer	Any	Endometrial Cancer	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)

Appendix C. Specifications Defining Parameters Used in this Request

Scenario	Event							Outcome	
	Incident Exposure	Care Setting	Incident with Respect to	Incidence Care Setting	Washout (Days)	Cohort Definition	ITT (Intent to Treat) Days	Censor due to Evidence of Death	
8	Esophagus Cancer	Any	Esophagus Cancer	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)
9	Kidney and Renal Pelvis Cancer	Any	Kidney and Renal Pelvis Cancer	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)
10	Leukemia	Any	Leukemia	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)
11	Liver and Intrahepatic Bile Duct Cancer	Any	Liver and Intrahepatic Bile Duct Cancer	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)
12	Lung and Bronchus Cancer	Any	Lung and Bronchus Cancer	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)
13	Melanoma	Any	Melanoma	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)
14	Non-Hodgkin's Lymphoma	Any	Non-Hodgkin's Lymphoma	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)
15	Other Endocrine Cancer	Any	Other Endocrine Cancer	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)
16	Pancreatic Cancer	Any	Pancreatic Cancer	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)

Appendix C. Specifications Defining Parameters Used in this Request

Scenario	Event								Outcome
	Incident Exposure	Care Setting	Incident with Respect to	Incidence Care Setting	Washout (Days)	Cohort Definition	ITT (Intent to Treat) Days	Censor due to Evidence of Death	
17	Prostate Cancer	Any	Prostate Cancer	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)
18	Rectal Cancer	Any	Rectal Cancer	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)
19	Thyroid Cancer	Any	Thyroid Cancer	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)
20	Urinary Bladder Cancer	Any	Urinary Bladder Cancer	Any	365	01 : Include the first valid event only	8,000	Yes	Dummy (for follow-up)

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