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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_wp049, Report 1 of 2

Request ID: cder_mpl1p_wp049_nsdv_v01

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

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

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

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

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

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

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

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

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

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

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

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-routine-querying-tool-documentation/browse>).

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

*all terms may not be used in this report

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

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Number of Data	7	7	7	7	8	9	10	11	13	13
Any Cancer Site										
Two-Month Definition										
<45	0	1,642	1,575	1,534	1,626	1,726	2,632	9,375	9,881	24,127
45-64	*****	7,586	8,081	8,181	8,225	9,423	11,260	45,691	49,516	113,496
65+	*****	10,974	11,006	11,497	11,548	13,373	14,167	50,271	61,677	133,645
All Ages ²	*****	20,202	20,662	21,212	21,399	24,522	28,059	105,337	121,074	271,268
Three-Month Definition										
<45	0	1,710	1,642	1,598	1,665	1,779	2,734	9,733	10,222	24,838
45-64	*****	7,904	8,399	8,526	8,552	9,825	11,712	47,268	51,138	116,824
65+	*****	11,568	11,619	12,232	12,162	14,135	14,910	52,823	64,617	139,697
All Ages ²	11	21,182	21,660	22,356	22,379	25,739	29,356	109,824	125,977	281,359
Six-Month Definition										
<45	0	1,857	1,786	1,736	1,790	1,907	2,915	10,497	11,033	26,635
45-64	*****	8,578	9,169	9,220	9,246	10,636	12,527	50,888	54,962	125,499
65+	*****	13,019	13,112	13,876	13,577	15,896	16,421	58,933	72,181	156,012
All Ages ²	11	23,454	24,067	24,832	24,613	28,439	31,863	120,318	138,176	308,146
Site Specific Cancer (Two-Month Definition)										
Anus										
<45	0	19	14	16	13	22	14	72	80	150
45-64	0	58	55	81	78	105	96	425	462	1,131
65+	0	55	58	53	52	79	77	364	423	949
All Ages	0	132	127	150	143	206	187	861	965	2,230
Breast (Female)³										
<45	0	456	423	410	431	464	843	2,326	2,444	5,969
45-64	0	2,145	2,453	2,346	2,353	2,792	3,307	12,220	13,665	30,816
65+	*****	2,231	2,170	2,221	2,113	2,700	3,025	9,951	12,328	26,167
All Ages	*****	4,832	5,046	4,977	4,897	5,956	7,175	24,497	28,437	62,952
Breast (Male)⁴										
<45	0	*****	0	*****	0	0	*****	*****	*****	30
45-64	0	*****	*****	*****	12	*****	*****	*****	*****	164
65+	0	*****	*****	15	13	*****	21	119	117	234
All Ages	0	13	22	27	25	23	33	202	178	428
Cervix³										
<45	0	103	110	108	92	87	111	351	365	890
45-64	0	115	92	97	106	90	123	547	567	1,418
65+	0	70	79	57	65	62	66	263	374	720
All Ages	0	288	281	262	263	239	300	1,161	1,306	3,028
Colon										
<45	0	86	79	82	81	89	112	488	638	1,258
45-64	0	616	646	647	697	780	905	3,638	4,254	8,351
65+	*****	1,324	1,376	1,420	1,397	1,629	1,660	5,710	7,702	14,836
All Ages	*****	2,026	2,101	2,149	2,175	2,498	2,677	9,836	12,594	24,445

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

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Esophagus										
<45	0	13	13	*****	16	14	35	74	66	144
45-64	0	112	121	*****	131	142	186	588	670	1,632
65+	0	208	196	179	212	229	268	865	1,072	2,395
All Ages	0	333	330	325	359	385	489	1,527	1,808	4,171
Kidney or Pelvis										
<45	0	58	47	59	60	65	87	453	400	934
45-64	0	227	253	305	262	336	425	2,240	2,046	5,170
65+	0	328	284	320	366	461	482	2,380	2,519	5,907
All Ages	0	613	584	684	688	862	994	5,073	4,965	12,011
Leukemia										
<45	0	154	164	142	161	163	185	692	899	1,787
45-64	0	224	234	231	243	256	324	1,420	1,903	3,573
65+	*****	373	363	457	451	488	550	2,147	3,137	5,938
All Ages	*****	751	761	830	855	907	1,059	4,259	5,939	11,298
Liver and Intrahepatic Bile Duct										
<45	0	21	18	23	22	25	25	104	92	238
45-64	0	119	137	141	180	178	211	779	898	2,077
65+	0	156	137	138	167	187	222	724	964	2,249
All Ages	0	296	292	302	369	390	458	1,607	1,954	4,564
Lung and Bronchus										
<45	0	115	82	102	89	81	125	779	466	782
45-64	*****	1,207	1,290	1,264	1,201	1,246	1,421	5,608	5,212	10,773
65+	*****	2,059	2,203	2,320	2,314	2,685	2,755	9,725	10,920	23,531
All Ages	*****	3,381	3,575	3,686	3,604	4,012	4,301	16,112	16,598	35,086
Melanoma										
<45	0	197	233	213	237	239	209	1,601	1,643	4,350
45-64	0	552	541	512	555	654	740	4,236	4,533	11,878
65+	0	479	558	576	564	680	609	3,792	5,032	12,554
All Ages	0	1,228	1,332	1,301	1,356	1,573	1,558	9,629	11,208	28,782
Non-Hodgkin's Lymphoma										
<45	0	200	167	154	171	178	220	963	1,082	2,776
45-64	0	440	460	462	504	521	635	2,586	2,883	6,846
65+	0	621	655	664	702	840	882	3,226	4,122	9,354
All Ages	0	1,261	1,282	1,280	1,377	1,539	1,737	6,775	8,087	18,976
Other Endocrine										
<45	0	102	97	86	116	102	119	558	627	1,505
45-64	0	474	435	423	426	592	587	2,786	3,080	6,999
65+	0	420	430	398	421	513	546	2,172	2,566	5,692
All Ages	0	996	962	907	963	1,207	1,252	5,516	6,273	14,196

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

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Pancreas										
<45	0	*****	15	13	15	18	45	106	121	283
45-64	0	156	187	184	201	215	245	955	1,209	2,659
65+	*****	336	351	351	369	442	491	1,673	2,127	4,754
All Ages	*****	*****	553	548	585	675	781	2,734	3,457	7,696
Prostate⁴										
<45	0	15	*****	18	21	12	20	167	157	383
45-64	0	1,251	*****	1,381	1,376	1,513	1,993	9,035	9,554	22,180
65+	0	2,455	2,426	2,642	2,640	2,881	3,255	12,487	15,249	33,140
All Ages	0	3,721	3,701	4,041	4,037	4,406	5,268	21,689	24,960	55,703
Rectum										
<45	0	60	59	63	48	57	69	331	358	797
45-64	0	329	320	335	359	390	375	2,393	2,404	5,134
65+	0	529	507	534	505	552	504	2,719	3,337	6,866
All Ages	0	918	886	932	912	999	948	5,443	6,099	12,797
Thyroid										
<45	0	139	161	130	161	191	227	1,245	1,395	3,811
45-64	0	142	160	211	186	295	328	1,869	2,225	5,828
65+	0	69	87	84	90	134	138	637	902	2,006
All Ages	0	350	408	425	437	620	693	3,751	4,522	11,645
Urinary Tract or Bladder										
<45	0	29	26	37	32	28	24	156	187	434
45-64	0	316	341	343	295	352	409	1,836	2,017	4,661
65+	0	896	887	896	945	1,024	1,045	4,468	5,413	12,433
All Ages	0	1,241	1,254	1,276	1,272	1,404	1,478	6,460	7,617	17,528
Uterus³										
<45	0	47	56	46	68	49	55	228	269	667
45-64	0	355	340	353	347	484	462	1,952	2,154	4,870
65+	0	296	329	310	337	387	412	1,415	1,726	3,724
All Ages	0	698	725	709	752	920	929	3,595	4,149	9,261

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

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

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

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

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

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Number of Data Partners	13	14	14	14	14	14	14	14	12	9	2
Any Cancer Site											
Two-Month Definition											
<45	23,548	27,454	27,035	26,568	25,499	25,309	24,964	25,030	24,725	23,684	1,331
45-64	112,576	161,014	156,187	154,139	148,817	150,012	149,365	151,183	147,511	140,627	6,837
65+	127,150	701,777	683,840	665,385	642,171	638,359	634,034	626,155	622,347	601,207	8,837
All Ages ²	263,274	890,245	867,062	846,092	816,487	813,680	808,363	802,368	794,583	765,518	17,005
Three-Month Definition											
<45	24,171	28,332	27,905	27,329	26,315	26,062	25,742	25,711	25,499	24,353	1,331
45-64	115,968	166,201	161,072	158,867	153,237	154,450	153,806	155,356	151,681	144,001	6,847
65+	132,599	731,569	712,117	691,327	665,608	660,759	654,596	645,822	641,420	615,708	8,846
All Ages ²	272,738	926,102	901,094	877,523	845,160	841,271	834,144	826,889	818,600	784,062	17,024
Six-Month Definition											
<45	25,905	30,335	29,858	29,208	27,966	27,740	27,311	27,252	27,014	25,399	1,326
45-64	124,275	178,645	172,914	169,804	163,244	164,154	163,071	164,653	160,620	149,418	6,814
65+	147,381	810,639	789,656	759,455	725,506	714,103	704,316	691,229	685,056	637,443	8,738
All Ages ²	297,561	1,019,619	992,428	958,467	916,716	905,997	894,698	883,134	872,690	812,260	16,878
Site Specific Cancer (Two-Month Definition)											
Anus											
<45	144	272	242	231	231	208	172	175	220	216	*****
45-64	1,119	1,977	1,938	1,983	2,004	1,890	1,728	1,676	1,981	1,898	*****
65+	883	5,246	5,264	5,141	5,057	4,814	4,457	4,324	5,280	5,914	99
All Ages	2,146	7,495	7,444	7,355	7,292	6,912	6,357	6,175	7,481	8,028	178
Breast (Female)³											
<45	5,807	6,401	6,411	6,344	6,192	5,937	5,713	5,933	5,867	5,714	*****
45-64	30,197	39,131	38,379	38,258	36,470	36,261	35,106	35,375	34,145	32,806	1,871
65+	24,661	127,249	127,546	125,841	120,694	119,423	115,300	113,513	113,268	109,206	1,662
All Ages	60,665	172,781	172,336	170,443	163,356	161,621	156,119	154,821	153,280	147,726	*****

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Breast (Male)⁴											
<45	30	32	28	38	33	31	37	24	21	28	*****
45-64	173	284	263	278	259	251	279	277	260	235	*****
65+	270	1,387	1,376	1,407	1,364	1,351	1,295	1,307	1,334	1,325	16
All Ages	473	1,703	1,667	1,723	1,656	1,633	1,611	1,608	1,615	1,588	28
Cervix³											
<45	850	955	999	969	919	976	966	1,024	862	869	48
45-64	1,326	2,109	2,153	2,054	2,063	2,045	1,946	2,007	1,897	1,787	83
65+	664	4,797	4,834	4,470	4,400	4,441	4,163	4,154	4,168	3,848	50
All Ages	2,840	7,861	7,986	7,493	7,382	7,462	7,075	7,185	6,927	6,504	181
Colon											
<45	1,250	1,594	1,553	1,532	1,490	1,482	1,469	1,458	1,442	1,326	*****
45-64	8,354	12,863	12,631	12,614	12,376	12,158	12,157	12,009	11,890	10,705	486
65+	13,543	82,920	79,264	75,172	71,215	68,611	65,534	62,853	60,884	57,137	725
All Ages	23,147	97,377	93,448	89,318	85,081	82,251	79,160	76,320	74,216	69,168	*****
Esophagus											
<45	120	180	178	153	173	147	157	133	136	116	*****
45-64	1,501	2,787	2,612	2,717	2,606	2,723	2,569	2,491	2,467	2,362	*****
65+	2,322	12,862	12,779	12,458	12,332	12,795	12,355	11,804	12,044	11,650	148
All Ages	3,943	15,829	15,569	15,328	15,111	15,665	15,081	14,428	14,647	14,128	237
Kidney or Pelvis											
<45	920	1,185	1,241	1,213	1,179	1,238	1,249	1,127	1,211	1,139	69
45-64	4,961	8,189	8,151	7,967	7,811	7,928	8,044	8,141	7,930	7,492	352
65+	5,605	33,866	33,753	32,433	31,885	32,022	31,463	30,943	30,997	30,100	430
All Ages	11,486	43,240	43,145	41,613	40,875	41,188	40,756	40,211	40,138	38,731	851
Leukemia											
<45	1,847	2,241	2,199	2,192	2,111	2,143	2,020	1,971	1,938	1,801	*****
45-64	3,536	6,075	5,860	5,842	5,658	5,512	5,477	5,530	5,342	5,217	234
65+	5,631	34,766	34,805	33,440	32,861	32,530	32,023	31,402	31,581	30,567	415
All Ages	11,014	43,082	42,864	41,474	40,630	40,185	39,520	38,903	38,861	37,585	*****

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Liver and Intrahepatic Bile Duct											
<45	220	351	328	319	283	336	342	317	374	299	12
45-64	2,138	4,730	4,837	4,803	5,015	4,905	4,851	4,648	4,218	3,797	132
65+	2,078	14,558	15,137	15,236	15,404	16,268	17,604	17,551	17,630	17,696	208
All Ages	4,436	19,639	20,302	20,358	20,702	21,509	22,797	22,516	22,222	21,792	352
Lung and Bronchus											
<45	718	1,043	950	918	836	803	785	773	713	632	*****
45-64	10,540	20,538	20,475	19,678	19,674	19,319	19,067	18,601	17,703	16,300	524
65+	22,147	131,683	130,903	126,891	122,898	120,471	116,733	114,732	111,404	106,883	1,387
All Ages	33,405	153,264	152,328	147,487	143,408	140,593	136,585	134,106	129,820	123,815	*****
Melanoma											
<45	4,073	4,326	4,354	4,262	4,058	4,145	4,377	4,537	4,542	4,542	208
45-64	12,218	14,873	15,425	15,767	15,362	16,631	17,425	18,012	18,006	18,019	906
65+	12,794	65,746	67,579	70,246	72,057	75,650	78,643	80,274	82,635	82,510	1,111
All Ages	29,085	84,945	87,358	90,275	91,477	96,426	100,445	102,823	105,183	105,071	2,225
Non-Hodgkin's Lymphoma											
<45	2,753	3,380	3,222	3,007	2,852	2,764	2,503	2,425	2,421	2,180	126
45-64	6,804	10,519	10,450	10,073	9,933	9,638	9,083	9,057	8,801	8,312	363
65+	8,811	49,426	48,982	47,093	46,264	45,156	43,392	43,252	42,572	41,605	628
All Ages	18,368	63,325	62,654	60,173	59,049	57,558	54,978	54,734	53,794	52,097	1,117
Other Endocrine											
<45	1,432	1,716	1,622	1,615	1,470	1,474	1,432	1,379	1,371	1,278	59
45-64	6,933	9,890	9,654	9,483	9,311	9,222	9,163	9,363	9,000	8,190	346
65+	5,322	30,947	30,489	29,294	28,172	27,752	28,749	27,896	28,069	26,297	404
All Ages	13,687	42,553	41,765	40,392	38,953	38,448	39,344	38,638	38,440	35,765	809
Pancreas											
<45	265	360	371	381	312	272	297	290	326	268	11
45-64	2,709	4,449	4,587	4,502	4,440	4,327	4,341	4,471	4,481	4,226	170
65+	4,828	28,423	28,414	28,312	27,552	27,047	27,534	27,463	27,839	26,743	377
All Ages	7,802	33,232	33,372	33,195	32,304	31,646	32,172	32,224	32,646	31,237	558

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Prostate⁴											
<45	364	443	410	351	266	250	221	218	232	209	18
45-64	21,720	29,135	24,998	23,788	21,422	22,304	22,689	24,345	24,500	23,918	1,249
65+	31,619	173,011	155,801	148,315	137,708	140,591	141,693	141,920	142,832	139,664	2,375
All Ages	53,703	202,589	181,209	172,454	159,396	163,145	164,603	166,483	167,564	163,791	3,642
Rectum											
<45	688	933	878	850	872	812	744	819	805	785	40
45-64	4,907	7,094	6,758	6,590	6,397	6,239	6,054	5,927	5,961	5,640	254
65+	6,017	32,942	29,787	27,018	24,630	23,000	20,590	19,630	19,262	18,776	256
All Ages	11,612	40,969	37,423	34,458	31,899	30,051	27,388	26,376	26,028	25,201	550
Thyroid											
<45	3,936	4,480	4,496	4,432	4,393	4,319	4,328	4,336	4,118	3,953	238
45-64	6,200	7,700	7,847	7,841	7,527	7,644	7,614	7,408	7,153	6,941	357
65+	1,942	11,356	11,781	11,878	11,747	11,929	12,030	11,508	11,917	11,425	171
All Ages	12,078	23,536	24,124	24,151	23,667	23,892	23,972	23,252	23,188	22,319	766
Urinary Tract or Bladder											
<45	417	502	514	488	484	449	468	411	410	372	15
45-64	4,489	6,965	6,955	6,608	6,322	6,155	6,006	5,843	5,625	5,287	229
65+	11,848	66,301	65,982	62,492	59,464	56,672	55,135	53,756	52,416	50,234	733
All Ages	16,754	73,768	73,451	69,588	66,270	63,276	61,609	60,010	58,451	55,893	977
Uterus³											
<45	660	789	827	844	825	848	842	827	889	848	46
45-64	4,993	6,951	6,933	7,084	7,158	7,238	7,296	7,559	7,243	6,820	310
65+	3,645	20,097	20,435	20,621	20,667	20,958	22,248	21,850	22,315	21,876	363
All Ages	9,298	27,837	28,195	28,549	28,650	29,044	30,386	30,236	30,447	29,544	719

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

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

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

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

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

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

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Number of Data Partners	7	7	7	7	8	9	10	11	13	13
Any Cancer Site										
Two-Month Definition										
<45	0	462	454	426	474	517	909	2,856	3,048	7,202
45-64	0	3,418	3,454	3,585	3,678	4,068	5,086	21,233	22,699	52,160
65+	*****	5,587	5,618	5,941	6,099	6,769	7,222	26,334	32,331	71,990
All Ages ²	*****	9,467	9,526	9,952	10,251	11,354	13,217	50,423	58,078	131,352
Three-Month Definition										
<45	0	485	471	447	486	536	945	2,971	3,171	7,438
45-64	0	3,573	3,620	3,769	3,851	4,257	5,338	22,020	23,493	53,820
65+	*****	5,958	5,982	6,405	6,460	7,181	7,661	27,757	33,982	75,512
All Ages ²	*****	10,016	10,073	10,621	10,797	11,974	13,944	52,748	60,646	136,770
Six-Month Definition										
<45	0	535	514	499	516	570	1,011	3,225	3,437	8,000
45-64	0	3,809	3,912	4,046	4,113	4,570	5,702	23,525	25,056	57,542
65+	*****	6,793	6,838	7,371	7,245	8,116	8,491	31,017	38,046	84,957
All Ages ²	*****	11,137	11,264	11,916	11,874	13,256	15,204	57,767	66,539	150,499
Site Specific Cancer (Two-Month Definition)										
Anus										
<45	0	11	11	*****	*****	12	11	40	34	74
45-64	0	30	27	35	37	43	31	178	206	487
65+	0	14	24	*****	*****	31	34	149	169	432
All Ages	0	55	62	63	64	86	76	367	409	993
Breast (Female)³										
<45	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0
Breast (Male)⁴										
<45	0	*****	0	*****	0	0	*****	*****	*****	30
45-64	0	*****	*****	*****	12	*****	*****	*****	*****	164
65+	0	*****	*****	*****	13	*****	21	119	117	234
All Ages	0	13	22	27	25	23	33	202	178	428
Cervix³										
<45	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0
Colon										
<45	0	42	34	30	35	34	46	233	281	602
45-64	0	327	341	331	373	401	469	1,926	2,163	4,479
65+	0	614	611	651	658	742	742	2,695	3,481	7,241
All Ages	0	983	986	1,012	1,066	1,177	1,257	4,854	5,925	12,322

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

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Esophagus										
<45	0	*****	*****	*****	12	13	24	49	42	105
45-64	0	*****	*****	*****	107	118	139	471	521	1,311
65+	0	150	145	131	165	173	187	612	764	1,815
All Ages	0	248	242	244	284	304	350	1,132	1,327	3,231
Kidney or Pelvis										
<45	0	35	22	23	35	35	44	220	224	502
45-64	0	135	150	171	174	221	277	1,387	1,236	3,263
65+	0	175	169	187	219	285	285	1,333	1,501	3,591
All Ages	0	345	341	381	428	541	606	2,940	2,961	7,356
Leukemia										
<45	0	75	84	81	83	90	97	378	489	952
45-64	0	123	128	126	121	139	180	830	1,038	2,067
65+	0	202	206	230	243	262	296	1,192	1,602	3,342
All Ages	0	400	418	437	447	491	573	2,400	3,129	6,361
Liver and Intrahepatic Bile Duct										
<45	0	*****	*****	12	14	11	18	60	51	115
45-64	0	*****	99	101	142	118	146	543	612	1,398
65+	0	86	*****	77	85	113	132	438	578	1,308
All Ages	0	183	181	190	241	242	296	1,041	1,241	2,821
Lung and Bronchus										
<45	0	49	29	42	30	38	54	327	195	334
45-64	0	649	659	650	617	606	725	2,741	2,622	5,367
65+	*****	1,088	1,181	1,201	1,210	1,384	1,363	4,679	5,496	12,432
All Ages	*****	1,786	1,869	1,893	1,857	2,028	2,142	7,747	8,313	18,133
Melanoma										
<45	0	68	84	71	93	88	75	612	626	1,597
45-64	0	297	295	275	292	379	394	2,232	2,395	6,225
65+	0	303	321	354	347	424	353	2,359	3,133	8,018
All Ages	0	668	700	700	732	891	822	5,203	6,154	15,840
Non-Hodgkin's Lymphoma										
<45	0	116	104	89	96	106	107	511	585	1,497
45-64	0	239	226	249	264	267	360	1,406	1,580	3,757
65+	0	299	306	299	327	399	436	1,700	2,068	4,927
All Ages	0	654	636	637	687	772	903	3,617	4,233	10,181
Other Endocrine										
<45	0	20	18	17	17	15	22	124	120	305
45-64	0	20	*****	*****	14	20	24	145	184	402
65+	0	19	*****	*****	14	23	23	113	132	324
All Ages	0	59	37	42	45	58	69	382	436	1,031

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

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Pancreas										
<45	0	*****	*****	*****	*****	*****	25	50	60	143
45-64	0	84	*****	*****	*****	*****	127	529	651	1,450
65+	*****	133	158	151	163	197	232	787	992	2,297
All Ages	*****	*****	276	254	280	327	384	1,366	1,703	3,890
Prostate⁴										
<45	0	15	*****	18	21	12	20	167	157	383
45-64	0	1,251	*****	1,381	1,376	1,513	1,993	9,035	9,554	22,180
65+	0	2,454	2,426	2,642	2,640	2,881	3,255	12,487	15,249	33,137
All Ages	0	3,720	3,701	4,041	4,037	4,406	5,268	21,689	24,960	55,700
Rectum										
<45	0	25	29	34	25	24	32	167	179	394
45-64	0	193	177	184	203	232	211	1,320	1,320	2,815
65+	0	273	262	273	247	271	268	1,362	1,631	3,599
All Ages	0	491	468	491	475	527	511	2,849	3,130	6,808
Thyroid										
<45	0	16	30	16	29	38	41	236	258	739
45-64	0	42	39	50	56	77	91	471	592	1,465
65+	0	26	22	28	36	45	44	195	277	698
All Ages	0	84	91	94	121	160	176	902	1,127	2,902
Urinary Tract or Bladder										
<45	0	14	14	23	18	22	14	103	121	290
45-64	0	237	247	244	234	271	297	1,350	1,445	3,358
65+	0	657	652	662	688	742	807	3,291	4,043	9,347
All Ages	0	908	913	929	940	1,035	1,118	4,744	5,609	12,995
Uterus³										
<45	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0

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

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

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

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

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

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Number of Data Partners	13	14	14	14	14	14	14	14	12	9	2
Any Cancer Site											
Two-Month Definition											
<45	7,051	8,735	8,313	8,059	7,780	7,758	7,490	7,416	7,504	7,148	*****
45-64	51,669	76,831	72,463	71,298	68,204	69,340	69,166	70,519	69,532	66,084	3,127
65+	68,739	374,696	358,238	347,139	334,173	334,900	334,004	332,070	329,737	319,932	4,903
All Ages ²	127,459	460,262	439,014	426,496	410,157	411,998	410,660	410,005	406,773	393,164	*****
Three-Month Definition											
<45	7,247	9,055	8,604	8,337	8,057	8,013	7,761	7,626	7,786	7,377	*****
45-64	53,350	79,449	74,882	73,692	70,418	71,517	71,384	72,622	71,566	67,764	3,135
65+	72,052	392,352	374,666	362,186	347,554	347,944	346,015	343,558	341,075	328,455	4,912
All Ages ²	132,649	480,856	458,152	444,215	426,029	427,474	425,160	423,806	420,427	403,596	*****
Six-Month Definition											
<45	7,806	9,757	9,304	8,924	8,603	8,573	8,341	8,134	8,309	7,743	*****
45-64	56,842	84,935	80,107	78,637	74,905	75,814	75,496	76,793	75,548	70,254	3,122
65+	80,737	437,112	418,019	399,844	380,237	377,298	373,230	368,239	364,389	340,351	4,851
All Ages ²	145,385	531,804	507,430	487,405	463,745	461,685	457,067	453,166	448,246	418,348	*****
Site Specific Cancer (Two-Month Definition)											
Anus											
<45	69	164	144	125	126	112	86	96	121	115	*****
45-64	468	954	939	922	935	880	752	699	897	843	*****
65+	379	2,269	2,296	2,280	2,115	2,042	1,671	1,653	2,122	2,485	42
All Ages	916	3,387	3,379	3,327	3,176	3,034	2,509	2,448	3,140	3,443	81
Breast (Female)³											
<45	0	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0	0

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Breast (Male)⁴											
<45	30	32	28	38	33	31	37	24	21	28	*****
45-64	173	284	263	278	259	251	278	277	260	235	*****
65+	270	1,387	1,376	1,407	1,364	1,351	1,295	1,306	1,334	1,325	16
All Ages	473	1,703	1,667	1,723	1,656	1,633	1,610	1,607	1,615	1,588	28
Cervix³											
<45	0	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0	0
Colon											
<45	606	812	779	748	730	786	673	728	740	689	39
45-64	4,390	6,956	6,785	6,938	6,829	6,659	6,645	6,601	6,475	5,785	279
65+	6,590	39,139	37,360	35,673	34,017	32,845	31,337	30,011	29,301	27,642	364
All Ages	11,586	46,907	44,924	43,359	41,576	40,290	38,655	37,340	36,516	34,116	682
Esophagus											
<45	86	117	119	110	120	105	114	98	93	85	*****
45-64	1,193	2,208	2,063	2,135	2,023	2,147	1,988	1,945	1,967	1,870	*****
65+	1,771	9,448	9,361	9,253	9,180	9,491	9,245	9,019	9,211	8,796	117
All Ages	3,050	11,773	11,543	11,498	11,323	11,743	11,347	11,062	11,271	10,751	187
Kidney or Pelvis											
<45	540	715	692	707	670	698	717	632	730	669	41
45-64	3,176	5,087	5,131	5,070	4,922	5,035	5,116	5,147	5,179	4,895	233
65+	3,433	20,076	19,940	19,530	19,299	19,244	18,960	18,697	18,856	18,450	256
All Ages	7,149	25,878	25,763	25,307	24,891	24,977	24,793	24,476	24,765	24,014	530
Leukemia											
<45	995	1,194	1,178	1,193	1,109	1,160	1,086	1,060	1,070	993	50
45-64	2,055	3,516	3,401	3,393	3,221	3,206	3,138	3,114	3,089	3,026	146
65+	3,185	18,747	19,097	18,640	18,390	18,443	18,133	17,686	18,109	17,464	250
All Ages	6,235	23,457	23,676	23,226	22,720	22,809	22,357	21,860	22,268	21,483	446

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Liver and Intrahepatic Bile Duct											
<45	119	192	170	168	157	165	173	178	203	162	*****
45-64	1,464	3,339	3,401	3,395	3,498	3,443	3,388	3,151	2,945	2,560	*****
65+	1,272	8,392	8,710	8,886	9,062	9,775	10,633	10,659	10,882	10,784	141
All Ages	2,855	11,923	12,281	12,449	12,717	13,383	14,194	13,988	14,030	13,506	234
Lung and Bronchus											
<45	328	504	421	405	365	353	340	339	332	286	*****
45-64	5,301	10,722	10,549	10,306	10,275	10,040	9,629	9,312	8,945	8,048	256
65+	11,601	68,213	67,532	65,073	62,955	61,674	59,307	58,197	55,960	53,520	714
All Ages	17,230	79,439	78,502	75,784	73,595	72,067	69,276	67,848	65,237	61,854	*****
Melanoma											
<45	1,496	1,675	1,597	1,530	1,502	1,486	1,581	1,620	1,589	1,658	74
45-64	6,592	8,089	8,202	8,520	8,265	8,881	9,222	9,516	9,458	9,354	484
65+	8,261	41,345	42,950	44,570	45,922	48,047	49,838	50,869	51,688	51,319	718
All Ages	16,349	51,109	52,749	54,620	55,689	58,414	60,641	62,005	62,735	62,331	1,276
Non-Hodgkin's Lymphoma											
<45	1,509	1,869	1,789	1,624	1,593	1,571	1,369	1,354	1,377	1,203	77
45-64	3,803	5,744	5,767	5,619	5,630	5,393	5,019	4,982	4,840	4,523	203
65+	4,661	25,491	25,152	24,233	24,158	23,609	22,791	23,115	22,527	22,374	351
All Ages	9,973	33,104	32,708	31,476	31,381	30,573	29,179	29,451	28,744	28,100	631
Other Endocrine											
<45	271	335	284	288	264	223	226	222	182	164	*****
45-64	379	584	533	536	438	429	387	352	321	257	*****
65+	281	1,572	1,503	1,328	1,267	1,168	1,181	1,067	984	859	19
All Ages	931	2,491	2,320	2,152	1,969	1,820	1,794	1,641	1,487	1,280	41
Pancreas											
<45	128	183	193	207	142	145	141	141	144	120	*****
45-64	1,464	2,487	2,586	2,424	2,442	2,455	2,446	2,442	2,519	2,356	*****
65+	2,408	13,531	13,497	13,682	13,370	13,305	13,633	13,659	13,820	13,335	188
All Ages	4,000	16,201	16,276	16,313	15,954	15,905	16,220	16,242	16,483	15,811	285

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Prostate⁴											
<45	364	443	410	351	266	250	221	217	232	209	18
45-64	21,717	29,132	24,995	23,784	21,421	22,302	22,688	24,345	24,499	23,917	1,249
65+	31,617	173,009	155,800	148,310	137,704	140,587	141,692	141,918	142,831	139,664	2,375
All Ages	53,698	202,584	181,205	172,445	159,391	163,139	164,601	166,480	167,562	163,790	3,642
Rectum											
<45	333	497	470	457	451	461	378	446	459	441	22
45-64	2,660	4,006	3,823	3,763	3,605	3,517	3,434	3,435	3,408	3,201	167
65+	3,158	16,714	15,432	14,011	12,903	12,183	11,075	10,715	10,373	10,172	147
All Ages	6,151	21,217	19,725	18,231	16,959	16,161	14,887	14,596	14,240	13,814	336
Thyroid											
<45	722	892	876	887	922	875	864	901	859	855	54
45-64	1,451	1,950	1,956	1,971	1,913	1,984	1,976	1,921	1,915	1,854	85
65+	641	3,535	3,599	3,651	3,847	3,783	3,799	3,652	3,817	3,771	62
All Ages	2,814	6,377	6,431	6,509	6,682	6,642	6,639	6,474	6,591	6,480	201
Urinary Tract or Bladder											
<45	276	316	317	296	309	300	313	275	272	263	*****
45-64	3,259	5,027	4,979	4,705	4,560	4,551	4,415	4,229	4,069	3,829	*****
65+	8,934	48,838	49,082	46,350	44,015	42,309	41,008	40,311	39,125	37,609	578
All Ages	12,469	54,181	54,378	51,351	48,884	47,160	45,736	44,815	43,466	41,701	747
Uterus³											
<45	0	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0	0

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

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

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

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

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

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

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Number of Data Partners	7	7	7	7	8	9	10	11	13	13
Any Cancer Site										
Two-Month Definition										
<45	0	1,180	1,121	1,108	1,152	1,209	1,723	6,518	6,833	16,924
45-64	*****	4,167	4,626	4,596	4,547	5,355	6,173	24,458	26,817	61,329
65+	*****	5,384	5,387	5,555	5,448	6,603	6,945	23,937	29,346	61,648
All Ages ²	*****	10,731	11,134	11,259	11,147	13,167	14,841	54,913	62,996	139,901
Three-Month Definition										
<45	0	1,225	1,171	1,151	1,179	1,243	1,789	6,761	7,051	17,399
45-64	*****	4,330	4,778	4,757	4,701	5,568	6,373	25,248	27,645	62,996
65+	*****	5,607	5,636	5,826	5,701	6,953	7,249	25,066	30,635	64,177
All Ages ²	*****	11,162	11,585	11,734	11,581	13,764	15,411	57,075	65,331	144,572
Six-Month Definition										
<45	0	1,322	1,272	1,237	1,274	1,337	1,904	7,271	7,596	18,634
45-64	*****	4,768	5,256	5,174	5,133	6,066	6,824	27,363	29,906	67,948
65+	*****	6,223	6,273	6,504	6,331	7,779	7,930	27,916	34,135	71,046
All Ages ²	*****	12,313	12,801	12,915	12,738	15,182	16,658	62,550	71,637	157,628
Site Specific Cancer (Two-Month Definition)										
Anus										
<45	0	*****	*****	*****	*****	*****	*****	32	46	76
45-64	0	*****	*****	46	41	62	65	247	256	644
65+	0	41	34	*****	*****	*****	*****	215	254	517
All Ages	0	77	65	87	79	120	111	494	556	1,237
Breast (Female)³										
<45	0	456	423	410	431	464	843	2,325	2,444	5,969
45-64	0	2,145	2,453	2,346	2,353	2,792	3,306	12,220	13,665	30,814
65+	*****	2,231	2,169	2,221	2,113	2,700	3,025	9,951	12,328	26,166
All Ages	*****	4,832	5,045	4,977	4,897	5,956	7,174	24,496	28,437	62,949
Breast (Male)⁴										
<45	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0
Cervix³										
<45	0	103	110	108	92	87	111	351	365	890
45-64	0	115	92	97	106	90	123	547	567	1,418
65+	0	70	79	57	65	62	66	263	374	720
All Ages	0	288	281	262	263	239	300	1,161	1,306	3,028
Colon										
<45	0	44	45	52	46	55	66	255	357	656
45-64	0	289	305	316	324	379	436	1,712	2,091	3,871
65+	*****	710	765	769	739	887	918	3,015	4,221	7,593
All Ages	*****	1,043	1,115	1,137	1,109	1,321	1,420	4,982	6,669	12,120

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

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Esophagus										
<45	0	*****	*****	*****	*****	*****	11	25	24	39
45-64	0	*****	*****	*****	*****	*****	47	117	149	321
65+	0	58	51	48	47	56	81	253	308	580
All Ages	0	84	87	81	75	81	139	395	481	940
Kidney or Pelvis										
<45	0	23	25	36	25	30	43	233	176	432
45-64	0	92	103	134	88	115	148	853	810	1,907
65+	0	153	115	133	147	176	197	1,047	1,018	2,316
All Ages	0	268	243	303	260	321	388	2,133	2,004	4,655
Leukemia										
<45	0	79	80	61	78	73	88	314	410	835
45-64	0	101	106	105	122	117	144	590	865	1,506
65+	*****	171	157	227	208	226	254	955	1,535	2,595
All Ages	*****	351	343	393	408	416	486	1,859	2,810	4,936
Liver and Intrahepatic Bile Duct										
<45	0	12	11	11	*****	14	*****	44	41	123
45-64	0	31	38	40	*****	60	*****	236	286	678
65+	0	70	62	61	82	74	90	286	386	941
All Ages	0	113	111	112	128	148	162	566	713	1,742
Lung and Bronchus										
<45	0	66	53	60	59	43	71	452	271	448
45-64	*****	558	631	614	583	640	696	2,867	2,590	5,404
65+	*****	969	1,022	1,118	1,103	1,300	1,392	5,046	5,424	11,099
All Ages	*****	1,593	1,706	1,792	1,745	1,983	2,159	8,365	8,285	16,951
Melanoma										
<45	0	129	149	142	144	151	134	989	1,017	2,753
45-64	0	255	246	237	263	275	346	2,004	2,138	5,652
65+	0	176	237	222	217	256	256	1,433	1,899	4,536
All Ages	0	560	632	601	624	682	736	4,426	5,054	12,941
Non-Hodgkin's Lymphoma										
<45	0	84	63	65	75	72	113	452	497	1,279
45-64	0	201	234	213	240	254	275	1,180	1,303	3,088
65+	0	322	349	365	375	441	446	1,526	2,054	4,427
All Ages	0	607	646	643	690	767	834	3,158	3,854	8,794
Other Endocrine										
<45	0	82	79	69	99	87	97	434	507	1,200
45-64	0	454	427	408	412	572	563	2,641	2,896	6,596
65+	0	401	419	388	407	490	523	2,059	2,434	5,368
All Ages	0	937	925	865	918	1,149	1,183	5,134	5,837	13,164

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

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Pancreas										
<45	0	*****	*****	*****	*****	12	20	56	61	140
45-64	0	*****	*****	*****	*****	91	118	426	558	1,209
65+	*****	203	193	200	206	245	259	886	1,135	2,457
All Ages	*****	280	277	294	305	348	397	1,368	1,754	3,806
Prostate⁴										
<45	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0
Rectum										
<45	0	35	30	29	23	33	37	164	179	403
45-64	0	136	143	151	156	158	164	1,073	1,084	2,318
65+	0	256	245	261	258	281	236	1,357	1,706	3,267
All Ages	0	427	418	441	437	472	437	2,594	2,969	5,988
Thyroid										
<45	0	123	131	114	132	153	186	1,009	1,137	3,071
45-64	0	100	121	161	130	218	237	1,398	1,633	4,363
65+	0	43	65	56	54	89	94	442	624	1,308
All Ages	0	266	317	331	316	460	517	2,849	3,394	8,742
Urinary Tract or Bladder										
<45	0	15	12	14	14	*****	*****	53	66	144
45-64	0	79	94	99	61	*****	*****	486	572	1,303
65+	0	239	235	234	257	282	238	1,177	1,370	3,085
All Ages	0	333	341	347	332	369	360	1,716	2,008	4,532
Uterus³										
<45	0	47	56	46	68	49	55	228	269	667
45-64	0	355	340	353	347	484	462	1,952	2,154	4,870
65+	0	296	329	310	337	387	412	1,415	1,726	3,724
All Ages	0	698	725	709	752	920	929	3,595	4,149	9,261

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

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

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

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

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

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Number of Data Partners	13	14	14	14	14	14	14	14	12	9	2
Any Cancer Site											
Two-Month Definition											
<45	16,494	18,718	18,720	18,508	17,719	17,549	17,472	17,612	17,220	16,534	*****
45-64	60,895	84,173	83,711	82,833	80,604	80,662	80,191	80,654	77,972	74,541	3,710
65+	58,405	327,072	325,595	318,235	307,983	303,444	300,021	294,075	292,607	281,275	3,934
All Ages ²	135,794	429,963	428,026	419,576	406,306	401,655	397,684	392,341	387,799	372,350	*****
Three-Month Definition											
<45	16,921	19,276	19,299	18,991	18,258	18,047	17,979	18,083	17,712	16,974	*****
45-64	62,606	86,743	86,177	85,168	82,810	82,923	82,414	82,722	80,109	76,235	3,712
65+	60,540	339,208	337,444	329,130	318,039	312,800	308,571	302,254	300,342	287,253	3,934
All Ages ²	140,067	445,227	442,920	433,289	419,107	413,770	408,964	403,059	398,163	380,462	*****
Six-Month Definition											
<45	18,096	20,577	20,552	20,283	19,363	19,165	18,968	19,116	18,704	17,654	*****
45-64	67,420	93,700	92,794	91,158	88,330	88,329	87,567	87,848	85,065	79,162	3,692
65+	66,636	373,517	371,629	359,600	345,253	336,790	331,076	322,979	320,664	297,092	3,887
All Ages ²	152,152	487,794	484,975	471,041	452,946	444,284	437,611	429,943	424,433	393,908	*****
Site Specific Cancer (Two-Month Definition)											
Anus											
<45	75	108	98	106	105	96	86	79	99	101	*****
45-64	650	1,023	999	1,061	1,069	1,009	976	977	1,084	1,055	*****
65+	504	2,977	2,968	2,861	2,942	2,772	2,786	2,670	3,158	3,429	57
All Ages	1,229	4,108	4,065	4,028	4,116	3,877	3,848	3,726	4,341	4,585	97
Breast (Female)³											
<45	5,806	6,400	6,409	6,343	6,192	5,937	5,713	5,933	5,867	5,714	*****
45-64	30,194	39,129	38,376	38,257	36,466	36,258	35,104	35,372	34,145	32,806	1,871
65+	24,659	127,248	127,544	125,838	120,692	119,423	115,297	113,511	113,267	109,206	1,662
All Ages	60,659	172,777	172,329	170,438	163,350	161,618	156,114	154,816	153,279	147,726	*****

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Breast (Male)⁴											
<45	0	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0	0
Cervix³											
<45	850	955	999	969	919	976	966	1,024	862	869	48
45-64	1,325	2,109	2,153	2,054	2,062	2,045	1,946	2,007	1,897	1,787	83
65+	664	4,797	4,833	4,470	4,400	4,441	4,163	4,154	4,168	3,848	50
All Ages	2,839	7,861	7,985	7,493	7,381	7,462	7,075	7,185	6,927	6,504	181
Colon											
<45	644	782	774	784	760	696	796	730	702	637	*****
45-64	3,962	5,907	5,846	5,676	5,546	5,499	5,512	5,407	5,414	4,920	207
65+	6,952	43,780	41,903	39,497	37,195	35,763	34,197	32,839	31,583	29,495	361
All Ages	11,558	50,469	48,523	45,957	43,501	41,958	40,505	38,976	37,699	35,052	*****
Esophagus											
<45	34	63	59	43	53	42	43	35	43	31	0
45-64	308	579	549	582	583	575	581	546	500	492	19
65+	551	3,414	3,418	3,204	3,150	3,303	3,110	2,785	2,833	2,854	31
All Ages	893	4,056	4,026	3,829	3,786	3,920	3,734	3,366	3,376	3,377	50
Kidney or Pelvis											
<45	380	470	549	506	509	538	532	495	481	470	28
45-64	1,785	3,102	3,020	2,896	2,889	2,893	2,928	2,994	2,751	2,596	119
65+	2,172	13,790	13,811	12,902	12,586	12,777	12,503	12,246	12,141	11,650	174
All Ages	4,337	17,362	17,380	16,304	15,984	16,208	15,963	15,735	15,373	14,716	321
Leukemia											
<45	852	1,047	1,021	999	1,002	983	933	911	868	808	*****
45-64	1,480	2,558	2,459	2,449	2,437	2,306	2,338	2,415	2,252	2,191	88
65+	2,446	16,018	15,708	14,798	14,469	14,086	13,890	13,715	13,470	13,103	165
All Ages	4,778	19,623	19,188	18,246	17,908	17,375	17,161	17,041	16,590	16,102	*****

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Liver and Intrahepatic Bile Duct											
<45	100	159	158	151	126	171	169	139	171	137	*****
45-64	674	1,391	1,436	1,408	1,516	1,461	1,461	1,495	1,273	1,237	*****
65+	806	6,166	6,426	6,350	6,342	6,493	6,970	6,891	6,748	6,912	67
All Ages	1,580	7,716	8,020	7,909	7,984	8,125	8,600	8,525	8,192	8,286	118
Lung and Bronchus											
<45	390	539	529	513	471	450	445	434	381	346	*****
45-64	5,238	9,815	9,924	9,372	9,397	9,277	9,437	9,287	8,757	8,252	268
65+	10,546	63,467	63,371	61,818	59,940	58,789	57,421	56,531	55,443	53,363	673
All Ages	16,174	73,821	73,824	71,703	69,808	68,516	67,303	66,252	64,581	61,961	*****
Melanoma											
<45	2,576	2,651	2,757	2,732	2,556	2,659	2,796	2,916	2,953	2,883	134
45-64	5,626	6,784	7,221	7,247	7,097	7,749	8,203	8,496	8,548	8,665	422
65+	4,533	24,400	24,629	25,675	26,134	27,603	28,805	29,404	30,947	31,191	393
All Ages	12,735	33,835	34,607	35,654	35,787	38,011	39,804	40,816	42,448	42,739	949
Non-Hodgkin's Lymphoma											
<45	1,244	1,511	1,433	1,383	1,259	1,193	1,134	1,071	1,044	976	49
45-64	3,001	4,774	4,683	4,452	4,303	4,245	4,062	4,075	3,960	3,789	160
65+	4,149	23,935	23,829	22,858	22,106	21,546	20,601	20,136	20,045	19,231	277
All Ages	8,394	30,220	29,945	28,693	27,668	26,984	25,797	25,282	25,049	23,996	486
Other Endocrine											
<45	1,161	1,381	1,338	1,327	1,206	1,251	1,205	1,157	1,188	1,114	53
45-64	6,553	9,305	9,120	8,946	8,872	8,793	8,776	9,009	8,677	7,933	330
65+	5,040	29,375	28,986	27,965	26,905	26,584	27,568	26,829	27,085	25,438	385
All Ages	12,754	40,061	39,444	38,238	36,983	36,628	37,549	36,995	36,950	34,485	768
Pancreas											
<45	137	177	178	174	170	127	156	149	182	148	*****
45-64	1,244	1,962	1,999	2,078	1,998	1,871	1,895	2,029	1,962	1,870	76
65+	2,420	14,892	14,915	14,630	14,181	13,741	13,901	13,803	14,019	13,407	189
All Ages	3,801	17,031	17,092	16,882	16,349	15,739	15,952	15,981	16,163	15,425	*****

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Prostate⁴											
<45	0	0	0	0	0	0	0	0	0	0	0
45-64	0	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0	0
All Ages	0	0	0	0	0	0	0	0	0	0	0
Rectum											
<45	355	436	408	393	421	351	366	373	346	344	18
45-64	2,247	3,088	2,935	2,827	2,791	2,722	2,620	2,490	2,553	2,439	87
65+	2,858	16,228	14,355	13,007	11,725	10,817	9,515	8,914	8,889	8,604	109
All Ages	5,460	19,752	17,698	16,227	14,937	13,890	12,501	11,777	11,788	11,387	214
Thyroid											
<45	3,214	3,588	3,620	3,545	3,471	3,444	3,464	3,435	3,259	3,098	184
45-64	4,749	5,749	5,891	5,870	5,614	5,660	5,638	5,487	5,238	5,087	272
65+	1,301	7,821	8,182	8,227	7,900	8,146	8,231	7,856	8,100	7,654	109
All Ages	9,264	17,158	17,693	17,642	16,985	17,250	17,333	16,778	16,597	15,839	565
Urinary Tract or Bladder											
<45	141	186	197	192	175	149	155	136	138	109	*****
45-64	1,230	1,938	1,975	1,903	1,762	1,603	1,591	1,614	1,556	1,457	*****
65+	2,913	17,462	16,899	16,140	15,445	14,361	14,126	13,445	13,291	12,625	155
All Ages	4,284	19,586	19,071	18,235	17,382	16,113	15,872	15,195	14,985	14,191	230
Uterus³											
<45	660	789	827	844	825	848	842	827	888	848	46
45-64	4,992	6,950	6,932	7,084	7,157	7,238	7,296	7,558	7,242	6,820	310
65+	3,644	20,096	20,435	20,620	20,667	20,958	22,248	21,850	22,315	21,876	363
All Ages	9,296	27,835	28,194	28,548	28,649	29,044	30,386	30,235	30,445	29,544	719

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

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

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

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

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

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

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Number of Data Partners	7	7	7	7	8	9	10	11	13	13
Any Cancer Site										
Two-Month Definition										
<45	0	4.9	4.6	4.6	4.4	4.8	6.7	6.9	3.1	7.2
45-64	0	58	59.1	58.4	51.1	57.8	64.3	66.8	30.8	67.9
65+	0.2	166.6	162.7	165.4	151	173.8	176.7	200.1	97.6	204
All Ages ²	0	38.7	38.4	39.6	36	41.6	44.2	46.9	22.4	48.9
Three-Month Definition										
<45	0	5.1	4.8	4.7	4.5	4.9	7	7.2	3.2	7.5
45-64	0	60.4	61.4	60.9	53.1	60.3	66.9	69.1	31.8	69.9
65+	0.2	175.6	171.9	176.1	159.1	183.9	186.3	210.4	102.3	213.4
All Ages ²	0	40.6	40.3	41.8	37.6	43.6	46.3	48.9	23.3	50.7
Six-Month Definition										
<45	0	5.5	5.2	5.2	4.9	5.3	7.4	7.7	3.4	8
45-64	0	65.6	67	65.9	57.5	65.3	71.6	74.4	34.2	75.1
65+	0.2	197.6	194	200	178	207.5	205.9	235.1	114.4	238.6
All Ages ²	0	44.9	44.8	46.4	41.4	48.3	50.3	53.5	25.5	55.6
Site Specific Cancer (Two-Month Definition)										
Anus										
<45	0	0.1	0	0	0	0.1	0	0.1	0	0
45-64	0	0.4	0.4	0.6	0.5	0.6	0.5	0.6	0.3	0.7
65+	0	0.8	0.8	0.7	0.6	1	0.9	1.3	0.6	1.3
All Ages	0	0.3	0.2	0.3	0.2	0.3	0.3	0.4	0.2	0.4
Breast (Female)³										
<45	0	2.6	2.4	2.3	2.2	2.4	4.1	3.4	1.5	3.5
45-64	0	30.8	33.6	31.4	27.3	32	35.3	34.2	16.2	35.2
65+	0	56.2	53	52.6	45.4	57.6	61.8	65.7	32.7	67.8
All Ages	0	17.3	17.5	17.3	15.3	18.8	21	20.9	10.1	21.8
Breast (Male)⁴										
<45	0	0	0	0	0	0	0	0	0	0
45-64	0	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2
65+	0	0.2	0.5	0.5	0.4	0.5	0.6	1	0.4	0.7
All Ages	0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
Cervix³										
<45	0	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.2	0.5
45-64	0	1.6	1.2	1.3	1.2	1	1.3	1.5	0.7	1.6
65+	0	1.7	1.9	1.3	1.4	1.3	1.3	1.7	0.9	1.8
All Ages	0	1	1	0.9	0.8	0.7	0.9	1	0.5	1
Colon										
<45	0	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.2	0.4
45-64	0	4.6	4.6	4.5	4.2	4.7	5.1	5.2	2.6	4.9
65+	0	19.3	19.4	19.4	17.2	19.9	19.3	21	11	20.8
All Ages	0	3.8	3.9	4	3.6	4.2	4.2	4.3	2.3	4.3

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

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Esophagus										
<45	0	0	0	0	0	0	0.1	0.1	0	0
45-64	0	0.8	0.9	1	0.8	0.9	1	0.8	0.4	1
65+	0	3	2.8	2.4	2.6	2.8	3.1	3.2	1.5	3.3
All Ages	0	0.6	0.6	0.6	0.6	0.6	0.8	0.7	0.3	0.7
Kidney or Pelvis										
<45	0	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.1	0.3
45-64	0	1.7	1.8	2.1	1.6	2	2.4	3.2	1.2	3
65+	0	4.8	4	4.4	4.5	5.6	5.6	8.7	3.6	8.3
All Ages	0	1.2	1.1	1.3	1.1	1.4	1.5	2.2	0.9	2.1
Leukemia										
<45	0	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.3	0.5
45-64	0	1.7	1.7	1.6	1.5	1.5	1.8	2	1.1	2.1
65+	0	5.4	5.1	6.2	5.5	5.9	6.4	7.9	4.5	8.3
All Ages	0	1.4	1.4	1.5	1.4	1.5	1.6	1.9	1.1	2
Liver and Intrahepatic Bile Duct										
<45	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1
45-64	0	0.9	1	1	1.1	1.1	1.2	1.1	0.5	1.2
65+	0	2.3	1.9	1.9	2	2.3	2.6	2.6	1.4	3.1
All Ages	0	0.6	0.5	0.6	0.6	0.7	0.7	0.7	0.4	0.8
Lung and Bronchus										
<45	0	0.3	0.2	0.3	0.2	0.2	0.3	0.6	0.1	0.2
45-64	0	9.1	9.3	8.9	7.3	7.5	7.9	8	3.1	6.3
65+	0	30	31.1	31.7	28.5	32.7	31.9	35.7	15.6	33
All Ages	0	6.4	6.6	6.8	6	6.7	6.7	7	3	6.2
Melanoma										
<45	0	0.6	0.7	0.6	0.6	0.7	0.5	1.2	0.5	1.3
45-64	0	4.2	3.9	3.6	3.4	3.9	4.1	6	2.7	6.9
65+	0	7	7.9	7.8	6.9	8.3	7	13.9	7.2	17.6
All Ages	0	2.3	2.5	2.4	2.2	2.6	2.4	4.2	2	5.1
Non-Hodgkin's Lymphoma										
<45	0	0.6	0.5	0.5	0.5	0.5	0.6	0.7	0.3	0.8
45-64	0	3.3	3.3	3.2	3.1	3.1	3.5	3.7	1.7	4
65+	0	9	9.2	9.1	8.6	10.2	10.2	11.8	5.9	13.1
All Ages	0	2.4	2.4	2.4	2.3	2.6	2.7	3	1.5	3.4
Other Endocrine										
<45	0	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.2	0.5
45-64	0	3.6	3.1	3	2.6	3.6	3.3	4	1.9	4.1
65+	0	6.1	6.1	5.4	5.2	6.2	6.3	7.9	3.6	7.9
All Ages	0	1.9	1.8	1.7	1.6	2	1.9	2.4	1.1	2.5

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

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Pancreas										
<45	0	0	0	0	0	0	0.1	0.1	0	0.1
45-64	0	1.2	1.3	1.3	1.2	1.3	1.4	1.4	0.7	1.5
65+	0	4.9	4.9	4.8	4.5	5.4	5.7	6.1	3	6.6
All Ages	0	1	1	1	1	1.1	1.2	1.2	0.6	1.4
Prostate⁴										
<45	0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
45-64	0	20.2	19.5	20.8	18	19.5	23.9	27	12.1	27.2
65+	0	89.3	86	90.9	82	88.6	95.3	114.1	53.4	112.3
All Ages	0	15.2	14.6	16.1	14.4	15.9	17.6	19.8	9.4	20.6
Rectum										
<45	0	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.2
45-64	0	2.5	2.3	2.3	2.2	2.3	2.1	3.4	1.4	3
65+	0	7.7	7.1	7.3	6.2	6.7	5.8	9.9	4.8	9.6
All Ages	0	1.7	1.6	1.7	1.5	1.7	1.5	2.4	1.1	2.3
Thyroid										
<45	0	0.4	0.5	0.4	0.4	0.5	0.6	0.9	0.4	1.1
45-64	0	1.1	1.2	1.5	1.1	1.8	1.8	2.7	1.3	3.4
65+	0	1	1.2	1.1	1.1	1.6	1.6	2.3	1.3	2.8
All Ages	0	0.7	0.8	0.8	0.7	1	1.1	1.6	0.8	2.1
Urinary Tract or Bladder										
<45	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
45-64	0	2.4	2.5	2.4	1.8	2.1	2.3	2.6	1.2	2.7
65+	0	13	12.5	12.2	11.6	12.5	12.1	16.4	7.7	17.4
All Ages	0	2.4	2.3	2.4	2.1	2.3	2.3	2.8	1.4	3.1
Uterus³										
<45	0	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.2	0.4
45-64	0	5	4.6	4.7	4	5.5	4.9	5.4	2.5	5.5
65+	0	7.3	7.9	7.2	7.1	8	8.2	9	4.4	9.3
All Ages	0	2.5	2.5	2.5	2.3	2.9	2.7	3	1.4	3.2

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

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

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

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

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Number of Data Partners	13	14	14	14	14	14	14	14	12	9	2
Any Cancer Site											
Two-Month Definition											
<45	7.2	8	7.1	7.6	7.3	7.2	6.4	6.9	7.1	6.9	0.8
45-64	67	75.8	69.1	72	70.4	70.1	63.9	68.9	68.7	68.3	7.4
65+	198.8	233.1	217.5	215.6	207.2	206.1	197.5	200.2	198.3	191.7	22.7
All Ages ²	47.9	105.7	95.9	98.4	95.6	94.5	87	91.1	91.9	90.3	5.6
Three-Month Definition											
<45	7.4	8.3	7.4	7.8	7.6	7.4	6.6	7.1	7.3	7.1	0.8
45-64	69	78.3	71.2	74.2	72.5	72.2	65.8	70.8	70.7	69.9	7.4
65+	207.5	243.1	226.7	224.2	215	213.6	204.2	206.9	204.8	196.7	22.8
All Ages ²	49.7	110	99.7	102.1	99	97.8	89.8	93.9	94.8	92.6	5.6
Six-Month Definition											
<45	7.9	8.8	7.9	8.3	8.1	7.9	7	7.5	7.7	7.4	0.8
45-64	74	84.2	76.5	79.4	77.3	76.8	69.9	75.1	74.9	72.6	7.4
65+	231.1	269.6	251.6	246.9	235.2	231.9	220.8	222.6	219.9	204.8	22.6
All Ages ²	54.2	121.1	109.9	111.7	107.6	105.5	96.6	100.5	101.3	96.2	5.6
Site Specific Cancer (Two-Month Definition)											
Anus											
<45	0	0.1	0.1	0.1	0.1	0.1	0	0	0.1	0.1	0
45-64	0.6	0.9	0.8	0.9	0.9	0.9	0.7	0.7	0.9	0.9	0.1
65+	1.3	1.6	1.5	1.5	1.5	1.4	1.2	1.2	1.5	1.7	0.2
All Ages	0.4	0.9	0.8	0.8	0.8	0.8	0.6	0.7	0.8	0.9	0.1
Breast (Female)³											
<45	3.5	3.7	3.4	3.6	3.6	3.4	2.9	3.3	3.4	3.4	0.4
45-64	34.2	35.5	32.8	34.5	33.4	32.7	28.9	31.1	30.7	30.8	3.8
65+	65.6	70	67.3	67.6	64.6	64.1	59.8	60.4	60.1	57.9	7.2
All Ages	21.2	37.8	35.3	36.6	35.4	34.7	31.1	32.5	32.9	32.3	2.5

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Breast (Male)⁴											
<45	0	0	0	0	0	0	0	0	0	0	0
45-64	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0
65+	0.9	1	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.1
All Ages	0.2	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0
Cervix³											
<45	0.5	0.6	0.5	0.5	0.5	0.6	0.5	0.6	0.5	0.5	0.1
45-64	1.5	1.9	1.8	1.8	1.8	1.8	1.6	1.7	1.7	1.6	0.2
65+	1.7	2.5	2.5	2.3	2.3	2.3	2.1	2.1	2.1	1.9	0.2
All Ages	1	1.7	1.6	1.6	1.6	1.6	1.4	1.5	1.4	1.4	0.1
Colon											
<45	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0
45-64	4.8	5.9	5.4	5.7	5.7	5.5	5	5.3	5.3	5	0.5
65+	19.4	25.2	23	22.1	20.8	19.9	18.3	18	17.3	16.1	1.6
All Ages	4.1	11.1	9.9	9.9	9.5	9.1	8.1	8.2	8.1	7.7	0.4
Esophagus											
<45	0	0.1	0	0	0	0	0	0	0	0	0
45-64	0.9	1.3	1.1	1.2	1.2	1.2	1.1	1.1	1.1	1.1	0.1
65+	3.3	3.9	3.7	3.6	3.6	3.7	3.4	3.3	3.4	3.3	0.3
All Ages	0.7	1.8	1.6	1.7	1.7	1.7	1.5	1.6	1.6	1.6	0.1
Kidney or Pelvis											
<45	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0
45-64	2.9	3.7	3.5	3.6	3.6	3.6	3.3	3.6	3.6	3.5	0.4
65+	8	10.3	9.8	9.5	9.3	9.3	8.8	8.8	8.8	8.5	1
All Ages	2	4.9	4.6	4.6	4.6	4.5	4.2	4.3	4.4	4.3	0.3
Leukemia											
<45	0.6	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.5	0
45-64	2	2.8	2.5	2.6	2.6	2.5	2.3	2.4	2.4	2.4	0.2
65+	8	10.6	10.1	9.8	9.5	9.4	8.9	8.9	8.9	8.6	0.9
All Ages	2	4.9	4.5	4.6	4.5	4.4	4	4.2	4.3	4.2	0.2

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Liver and Intrahepatic Bile Duct											
<45	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
45-64	1.2	2.2	2.1	2.2	2.3	2.2	2	2	1.9	1.8	0.1
65+	3	4.4	4.4	4.4	4.5	4.7	4.9	5	5	5	0.5
All Ages	0.8	2.2	2.1	2.3	2.3	2.4	2.3	2.4	2.4	2.4	0.1
Lung and Bronchus											
<45	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0
45-64	6.1	9.4	8.8	8.9	9	8.7	7.9	8.2	7.9	7.6	0.5
65+	31.7	40.1	38	37.3	35.8	35	32.6	32.8	31.6	30.2	3.1
All Ages	6	17.5	16.2	16.4	16	15.6	14	14.5	14.2	13.8	0.6
Melanoma											
<45	1.2	1.3	1.1	1.2	1.2	1.2	1.1	1.2	1.3	1.3	0.1
45-64	7.1	6.8	6.6	7.1	7	7.5	7.2	7.9	8.1	8.4	0.9
65+	18.3	19.9	19.6	20.6	21	22	22	23	23.5	23.4	2.5
All Ages	5.2	9.7	9.3	10	10.2	10.7	10.3	11.1	11.6	11.7	0.7
Non-Hodgkin's Lymphoma											
<45	0.8	1	0.8	0.9	0.8	0.8	0.6	0.7	0.7	0.6	0.1
45-64	3.9	4.8	4.5	4.6	4.5	4.3	3.8	4	4	3.9	0.4
65+	12.6	15	14.2	13.8	13.5	13.1	12.1	12.3	12.1	11.7	1.4
All Ages	3.3	7.2	6.7	6.7	6.6	6.4	5.6	5.9	5.9	5.8	0.4
Other Endocrine											
<45	0.4	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0
45-64	4	4.5	4.1	4.3	4.3	4.2	3.8	4.1	4	3.8	0.4
65+	7.6	9.4	8.8	8.6	8.2	8	8	7.9	7.9	7.4	0.9
All Ages	2.4	4.8	4.4	4.5	4.3	4.2	4	4.2	4.2	4	0.3
Pancreas											
<45	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
45-64	1.6	2	2	2	2	1.9	1.8	2	2	2	0.2
65+	6.9	8.6	8.2	8.3	8	7.8	7.6	7.8	7.8	7.5	0.8
All Ages	1.4	3.8	3.5	3.7	3.6	3.5	3.3	3.5	3.6	3.5	0.2

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Prostate⁴											
<45	0.2	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0
45-64	26.5	27.6	22.1	22.2	20.1	20.7	19.3	22	22.6	23	2.7
65+	108.6	131.2	112	107.7	98.7	99.9	96.4	98.6	98.1	95.4	12.7
All Ages	20	50.5	41.7	41.7	38.5	39.1	36.4	38.7	39.6	39.3	2.4
Rectum											
<45	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0
45-64	2.8	3.2	2.9	3	2.9	2.8	2.5	2.6	2.7	2.6	0.3
65+	8.6	10	8.6	7.9	7.1	6.6	5.7	5.6	5.4	5.3	0.6
All Ages	2.1	4.7	4	3.8	3.6	3.3	2.8	2.8	2.8	2.8	0.2
Thyroid											
<45	1.2	1.3	1.2	1.3	1.3	1.2	1.1	1.2	1.2	1.2	0.1
45-64	3.6	3.5	3.4	3.5	3.4	3.4	3.1	3.3	3.2	3.2	0.4
65+	2.8	3.4	3.4	3.5	3.4	3.4	3.3	3.3	3.4	3.2	0.4
All Ages	2.2	2.7	2.6	2.7	2.6	2.6	2.5	2.5	2.5	2.5	0.2
Urinary Tract or Bladder											
<45	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
45-64	2.6	3.2	3	3	2.9	2.8	2.5	2.6	2.5	2.5	0.2
65+	17	20.2	19.2	18.4	17.3	16.5	15.4	15.4	14.9	14.2	1.6
All Ages	3	8.4	7.8	7.7	7.4	7	6.3	6.5	6.4	6.2	0.3
Uterus³											
<45	0.4	0.5	0.4	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.1
45-64	5.6	6.2	5.8	6.3	6.4	6.4	5.9	6.5	6.4	6.3	0.6
65+	9.4	10.7	10.4	10.7	10.6	10.8	11.1	11.1	11.3	11.1	1.5
All Ages	3.2	6	5.7	6	6.1	6.1	5.9	6.2	6.4	6.3	0.4

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

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

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

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

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

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Number of Data Partners	7	7	7	7	8	9	10	11	13	13
Any Cancer Site										
Two-Month Definition										
<45	0	2.9	2.8	2.6	2.7	3	4.9	4.2	1.9	4.4
45-64	0	55.6	53.7	54.5	48.6	53.1	61.7	64.2	29.3	64.7
65+	0.2	208.2	204.6	210.7	196.1	216.3	220.7	251.7	119.8	255.5
All Ages ²	0	38.8	37.9	39.8	36.9	41.3	44.6	46.5	22.2	48.9
Three-Month Definition										
<45	0	3	2.9	2.8	2.8	3.1	5.1	4.4	2	4.5
45-64	0	58.1	56.3	57.3	50.9	55.6	64.8	66.6	30.3	66.8
65+	0.2	222	218	227.4	207.9	229.8	234.5	265.5	126	268.2
All Ages ²	0	41.1	40.1	42.5	38.9	43.6	47.1	48.6	23.2	50.9
Six-Month Definition										
<45	0	3.3	3.1	3.1	2.9	3.3	5.4	4.8	2.2	4.8
45-64	0	61.9	60.8	61.5	54.4	59.7	69.2	71.2	32.3	71.4
65+	0.2	253.1	249.3	262.1	233.9	260.7	261	297.2	141.2	302.1
All Ages ²	0	45.6	44.8	47.7	42.8	48.3	51.4	53.2	25.4	56.1
Site Specific Cancer (Two-Month Definition)										
Anus										
<45	0	0.1	0.1	0.1	0	0.1	0.1	0.1	0	0
45-64	0	0.5	0.4	0.5	0.5	0.6	0.4	0.5	0.3	0.6
65+	0	0.5	0.8	0.6	0.6	0.9	0.9	1.3	0.5	1.4
All Ages	0	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.4
Breast (Female)³										
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Breast (Male)⁴										
<45	0	0	0	0	0	0	0	0	0	0
45-64	0	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2
65+	0	0.2	0.5	0.5	0.4	0.5	0.6	1	0.4	0.7
All Ages	0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
Cervix³										
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Colon										
<45	0	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.4
45-64	0	5.3	5.2	5	4.9	5.2	5.6	5.7	2.7	5.4
65+	0	21.7	21	21.6	19.6	21.8	20.7	23.2	11.3	23
All Ages	0	4	3.9	4	3.8	4.2	4.2	4.4	2.2	4.5

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

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Esophagus										
<45	0	0	0	0	0.1	0.1	0.1	0.1	0	0.1
45-64	0	1.4	1.4	1.6	1.4	1.5	1.7	1.4	0.7	1.6
65+	0	5.3	5	4.3	4.9	5.1	5.2	5.2	2.5	5.7
All Ages	0	1	1	1	1	1.1	1.2	1	0.5	1.2
Kidney or Pelvis										
<45	0	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.1	0.3
45-64	0	2.2	2.3	2.6	2.3	2.8	3.3	4.1	1.6	4
65+	0	6.2	5.8	6.2	6.5	8.3	7.9	11.4	4.9	11.4
All Ages	0	1.4	1.3	1.5	1.5	1.9	2	2.7	1.1	2.7
Leukemia										
<45	0	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.3	0.6
45-64	0	2	2	1.9	1.6	1.8	2.1	2.5	1.3	2.5
65+	0	7.1	7.1	7.6	7.2	7.7	8.2	10.2	5.2	10.6
All Ages	0	1.6	1.6	1.7	1.6	1.8	1.9	2.2	1.2	2.3
Liver and Intrahepatic Bile Duct										
<45	0	0.1	0	0.1	0.1	0.1	0.1	0.1	0	0.1
45-64	0	1.4	1.5	1.5	1.8	1.5	1.7	1.6	0.8	1.7
65+	0	3	2.6	2.5	2.5	3.3	3.6	3.7	1.9	4.1
All Ages	0	0.7	0.7	0.8	0.9	0.9	1	0.9	0.5	1
Lung and Bronchus										
<45	0	0.3	0.2	0.3	0.2	0.2	0.3	0.5	0.1	0.2
45-64	0	10.5	10.1	9.8	8	7.8	8.6	8.1	3.3	6.5
65+	0.1	38.5	40.6	39.9	36	40.7	37.9	40.3	17.8	39.5
All Ages	0	7.3	7.4	7.5	6.6	7.3	7.1	7	3.1	6.6
Melanoma										
<45	0	0.4	0.5	0.4	0.5	0.5	0.4	0.9	0.4	1
45-64	0	4.8	4.5	4.1	3.8	4.9	4.7	6.6	3	7.6
65+	0	10.7	11	11.7	10.3	12.4	9.8	20.3	10.2	25.4
All Ages	0	2.7	2.8	2.8	2.6	3.2	2.7	4.7	2.3	5.8
Non-Hodgkin's Lymphoma										
<45	0	0.7	0.6	0.6	0.5	0.6	0.6	0.8	0.4	0.9
45-64	0	3.8	3.5	3.7	3.4	3.4	4.3	4.2	2	4.6
65+	0	10.6	10.5	9.9	9.7	11.7	12.1	14.6	6.7	15.7
All Ages	0	2.7	2.5	2.5	2.4	2.8	3	3.3	1.6	3.7
Other Endocrine										
<45	0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
45-64	0	0.3	0.1	0.2	0.2	0.3	0.3	0.4	0.2	0.5
65+	0	0.7	0.4	0.3	0.4	0.7	0.6	1	0.4	1
All Ages	0	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.2	0.4

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

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Pancreas										
<45	0	0.1	0.1	0	0	0	0.1	0.1	0	0.1
45-64	0	1.4	1.7	1.5	1.4	1.6	1.5	1.6	0.8	1.8
65+	0.1	4.7	5.4	5	4.8	5.8	6.4	6.7	3.2	7.3
All Ages	0	0.9	1.1	1	1	1.2	1.3	1.2	0.6	1.4
Prostate⁴										
<45	0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
45-64	0	20.2	19.5	20.8	18	19.5	23.9	27	12.1	27.2
65+	0	89.3	86	90.9	82	88.6	95.3	114.1	53.4	112.3
All Ages	0	15.2	14.6	16.1	14.4	15.9	17.6	19.8	9.4	20.6
Rectum										
<45	0	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.2
45-64	0	3.1	2.7	2.8	2.6	3	2.5	3.9	1.7	3.4
65+	0	9.6	9	9	7.3	7.9	7.4	11.7	5.3	11.4
All Ages	0	2	1.8	1.9	1.7	1.9	1.7	2.6	1.2	2.5
Thyroid										
<45	0	0.1	0.2	0.1	0.2	0.2	0.2	0.3	0.2	0.4
45-64	0	0.7	0.6	0.7	0.7	1	1.1	1.4	0.7	1.8
65+	0	0.9	0.8	0.9	1.1	1.3	1.2	1.7	0.9	2.2
All Ages	0	0.3	0.4	0.4	0.4	0.6	0.6	0.8	0.4	1.1
Urinary Tract or Bladder										
<45	0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
45-64	0	3.8	3.8	3.7	3	3.5	3.5	4	1.8	4.1
65+	0	23.2	22.4	22	20.5	21.9	22.5	28.4	13.2	29.9
All Ages	0	3.7	3.6	3.7	3.3	3.7	3.7	4.3	2.1	4.8
Uterus³										
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

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

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

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

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Number of Data Partners	13	14	14	14	14	14	14	14	12	9	2
Any Cancer Site											
Two-Month Definition											
<45	4.3	5.1	4.4	4.6	4.5	4.4	3.8	4.1	4.2	4.1	0.5
45-64	63.8	73.9	65.2	67.7	65.3	65.7	60.2	65.1	65.5	64.8	7
65+	248.3	298.5	271.4	266.9	254.5	253.8	242.9	247.1	243.5	235.7	28.5
All Ages ²	47.9	117	103.3	105.5	101.7	101.3	93.3	98.1	99	97.5	5.7
Three-Month Definition											
<45	4.5	5.3	4.5	4.7	4.6	4.5	4	4.2	4.4	4.3	0.5
45-64	65.9	76.4	67.4	70	67.4	67.8	62.1	67.1	67.4	66.5	7
65+	260.5	312.7	284	278.8	265.1	264.2	252.2	256.3	252.4	242.6	28.6
All Ages ²	49.9	122.3	107.9	109.9	105.7	105.2	96.6	101.5	102.4	100.2	5.7
Six-Month Definition											
<45	4.8	5.7	4.9	5.1	4.9	4.9	4.3	4.5	4.7	4.5	0.5
45-64	70.2	81.7	72.1	74.7	71.7	71.9	65.7	71	71.2	69	7
65+	292.6	348.6	317.4	308.7	291.3	287.9	273.6	276.4	271.4	253.1	28.4
All Ages ²	54.7	135.3	119.5	120.8	115.3	113.8	104.1	108.8	109.4	104.1	5.6
Site Specific Cancer (Two-Month Definition)											
Anus											
<45	0	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1	0.1	0
45-64	0.6	0.9	0.8	0.9	0.9	0.8	0.6	0.6	0.8	0.8	0.1
65+	1.2	1.6	1.5	1.5	1.4	1.3	1.1	1.1	1.3	1.6	0.2
All Ages	0.3	0.8	0.8	0.8	0.7	0.7	0.5	0.6	0.7	0.8	0.1
Breast (Female)³											
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Breast (Male)⁴											
<45	0	0	0	0	0	0	0	0	0	0	0
45-64	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0
65+	0.9	1	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.1
All Ages	0.2	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0
Cervix³											
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Colon											
<45	0.4	0.5	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0
45-64	5.3	6.5	6	6.4	6.4	6.1	5.6	5.9	5.9	5.5	0.6
65+	21.2	27.7	25.1	24.2	22.8	21.8	19.9	19.4	18.7	17.5	1.8
All Ages	4.3	11.4	10.1	10.2	9.8	9.4	8.3	8.5	8.4	8	0.4
Esophagus											
<45	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0
45-64	1.4	2.1	1.8	2	1.9	2	1.7	1.7	1.8	1.8	0.1
65+	5.7	6.7	6.2	6.2	6.1	6.2	5.8	5.8	5.8	5.5	0.6
All Ages	1.1	2.9	2.6	2.7	2.7	2.7	2.4	2.5	2.6	2.5	0.1
Kidney or Pelvis											
<45	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0
45-64	3.8	4.8	4.5	4.7	4.6	4.6	4.3	4.6	4.7	4.7	0.5
65+	11	14.2	13.3	13.2	12.9	12.7	12	12.1	12	11.7	1.2
All Ages	2.6	6.3	5.8	6	5.9	5.8	5.3	5.5	5.7	5.6	0.3
Leukemia											
<45	0.6	0.7	0.6	0.7	0.6	0.7	0.6	0.6	0.6	0.6	0.1
45-64	2.5	3.3	3	3.1	3	3	2.7	2.8	2.8	2.9	0.3
65+	10.2	13.3	12.8	12.6	12.3	12.2	11.5	11.4	11.6	11.1	1.2
All Ages	2.3	5.7	5.3	5.5	5.3	5.3	4.8	5	5.1	5	0.3

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Liver and Intrahepatic Bile Duct											
<45	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
45-64	1.8	3.1	3	3.1	3.3	3.2	2.9	2.8	2.7	2.4	0.2
65+	4.1	5.9	5.8	6	6	6.4	6.7	6.8	6.9	6.8	0.7
All Ages	1.1	2.9	2.8	2.9	3	3.1	3.1	3.2	3.2	3.1	0.2
Lung and Bronchus											
<45	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
45-64	6.4	10.1	9.2	9.5	9.6	9.2	8.1	8.4	8.2	7.7	0.6
65+	37.4	48.4	45.4	44.1	42.1	40.9	37.7	37.7	35.8	33.9	3.5
All Ages	6.4	19.3	17.7	17.8	17.3	16.8	14.9	15.4	15	14.4	0.6
Melanoma											
<45	0.9	1	0.8	0.9	0.9	0.8	0.8	0.9	0.9	1	0.1
45-64	8	7.6	7.2	7.9	7.7	8.2	7.8	8.6	8.7	8.9	1
65+	26.6	29.2	28.8	30.2	30.8	32	31.8	33.1	33.3	32.8	3.6
All Ages	6	12.4	11.9	12.9	13.1	13.6	13.1	14.1	14.5	14.6	0.8
Non-Hodgkin's Lymphoma											
<45	0.9	1.1	0.9	0.9	0.9	0.9	0.7	0.7	0.8	0.7	0.1
45-64	4.6	5.4	5.1	5.2	5.2	5	4.2	4.5	4.4	4.3	0.4
65+	15	18.1	16.9	16.4	16.1	15.6	14.5	15	14.4	14.2	1.7
All Ages	3.7	8	7.4	7.4	7.4	7.1	6.3	6.7	6.6	6.6	0.4
Other Endocrine											
<45	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0
45-64	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0
65+	0.9	1.1	1	0.9	0.8	0.8	0.7	0.7	0.6	0.5	0.1
All Ages	0.3	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0
Pancreas											
<45	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
45-64	1.8	2.3	2.3	2.2	2.3	2.3	2.1	2.2	2.3	2.2	0.2
65+	7.7	9.5	9	9.2	8.9	8.8	8.6	8.8	8.8	8.4	0.9
All Ages	1.5	3.9	3.6	3.8	3.7	3.7	3.5	3.7	3.8	3.7	0.2

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Prostate⁴											
<45	0.2	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0
45-64	26.5	27.6	22.1	22.2	20.1	20.7	19.3	22	22.6	23	2.7
65+	108.6	131.2	112	107.7	98.7	99.9	96.4	98.6	98.1	95.4	12.7
All Ages	20	50.5	41.7	41.7	38.5	39.1	36.4	38.7	39.6	39.3	2.4
Rectum											
<45	0.2	0.3	0.2	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0
45-64	3.2	3.8	3.4	3.5	3.4	3.2	2.9	3.1	3.1	3	0.4
65+	10.1	11.8	10.3	9.5	8.6	8	7	6.9	6.6	6.4	0.7
All Ages	2.3	5.1	4.4	4.3	4	3.8	3.2	3.3	3.3	3.2	0.2
Thyroid											
<45	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.1
45-64	1.8	1.8	1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.8	0.2
65+	2.1	2.5	2.4	2.5	2.6	2.5	2.4	2.3	2.4	2.4	0.3
All Ages	1	1.5	1.4	1.5	1.6	1.5	1.4	1.5	1.5	1.5	0.1
Urinary Tract or Bladder											
<45	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
45-64	3.9	4.7	4.4	4.3	4.2	4.2	3.7	3.8	3.7	3.6	0.3
65+	28.9	34.8	33.1	31.6	29.6	28.2	26.2	26.3	25.2	24	2.8
All Ages	4.6	13.2	12.2	12.1	11.5	11	9.9	10.2	10	9.8	0.5
Uterus³											
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

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

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

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

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

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Number of Data Partners	7	7	7	7	8	9	10	11	13	13
Any Cancer Site										
Two-Month Definition										
<45	0	6.7	6.2	6.3	6	6.4	8.4	9.5	4.2	10.1
45-64	0	60.2	63.8	62	53.3	62	66.7	69.2	32.2	70.9
65+	0.1	137.9	134.1	134.5	120	144.7	146.4	163.3	81.1	165.1
All Ages ²	0	38.6	38.9	39.5	35.2	41.8	43.9	47.2	22.6	48.9
Three-Month Definition										
<45	0	7	6.5	6.6	6.1	6.6	8.7	9.8	4.3	10.4
45-64	0	62.5	65.9	64.2	55.1	64.4	68.9	71.4	33.2	72.8
65+	0.1	143.6	140.3	141.1	125.7	152.5	153	171.1	84.7	172
All Ages ²	0	40.1	40.5	41.1	36.5	43.7	45.6	49.1	23.4	50.6
Six-Month Definition										
<45	0	7.5	7.1	7	6.6	7.1	9.3	10.6	4.7	11.1
45-64	0	68.8	72.5	69.8	60.2	70.3	73.8	77.4	35.9	78.5
65+	0.1	159.4	156.2	157.7	139.8	171	167.9	190.8	94.5	190.6
All Ages ²	0	44.3	44.7	45.3	40.2	48.3	49.3	53.8	25.6	55.2
Site Specific Cancer (Two-Month Definition)										
Anus										
<45	0	0	0	0	0	0.1	0	0	0	0
45-64	0	0.4	0.4	0.6	0.5	0.7	0.7	0.7	0.3	0.7
65+	0	1	0.8	0.8	0.7	1	0.8	1.4	0.6	1.3
All Ages	0	0.3	0.2	0.3	0.2	0.4	0.3	0.4	0.2	0.4
Breast (Female)³										
<45	0	2.6	2.4	2.3	2.2	2.4	4.1	3.4	1.5	3.5
45-64	0	30.8	33.6	31.4	27.3	32	35.3	34.2	16.2	35.2
65+	0	56.2	53	52.6	45.4	57.6	61.8	65.7	32.7	67.8
All Ages	0	17.3	17.5	17.3	15.3	18.8	21	20.9	10.1	21.8
Breast (Male)⁴										
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cervix³										
<45	0	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.2	0.5
45-64	0	1.6	1.2	1.3	1.2	1	1.3	1.5	0.7	1.6
65+	0	1.7	1.9	1.3	1.4	1.3	1.3	1.7	0.9	1.8
All Ages	0	1	1	0.9	0.8	0.7	0.9	1	0.5	1
Colon										
<45	0	0.3	0.3	0.3	0.2	0.3	0.3	0.4	0.2	0.4
45-64	0	4.1	4.1	4.2	3.7	4.3	4.6	4.7	2.4	4.3
65+	0	17.6	18.3	17.8	15.5	18.5	18.3	19.3	10.8	19.1
All Ages	0	3.7	3.9	3.9	3.4	4.1	4.1	4.2	2.3	4.2

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

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Esophagus										
<45	0	0	0	0	0	0	0.1	0	0	0
45-64	0	0.3	0.4	0.4	0.3	0.3	0.5	0.3	0.2	0.4
65+	0	1.4	1.2	1.1	1	1.2	1.6	1.6	0.8	1.4
All Ages	0	0.3	0.3	0.3	0.2	0.3	0.4	0.3	0.2	0.3
Kidney or Pelvis										
<45	0	0.1	0.1	0.2	0.1	0.2	0.2	0.3	0.1	0.3
45-64	0	1.3	1.4	1.8	1	1.3	1.6	2.3	0.9	2.1
65+	0	3.8	2.7	3.1	3.1	3.6	3.9	6.7	2.6	5.8
All Ages	0	1	0.8	1	0.8	1	1.1	1.8	0.7	1.6
Leukemia										
<45	0	0.4	0.4	0.3	0.4	0.4	0.4	0.5	0.3	0.5
45-64	0	1.4	1.4	1.4	1.4	1.3	1.5	1.6	1	1.7
65+	0	4.2	3.8	5.3	4.4	4.7	5	6.1	3.9	6.5
All Ages	0	1.2	1.2	1.4	1.3	1.3	1.4	1.6	1	1.7
Liver and Intrahepatic Bile Duct										
<45	0	0.1	0.1	0.1	0	0.1	0	0.1	0	0.1
45-64	0	0.4	0.5	0.5	0.4	0.7	0.7	0.6	0.3	0.8
65+	0	1.7	1.5	1.4	1.7	1.5	1.8	1.8	1	2.3
All Ages	0	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.2	0.6
Lung and Bronchus										
<45	0	0.4	0.3	0.3	0.3	0.2	0.3	0.7	0.2	0.3
45-64	0	7.9	8.5	8.1	6.7	7.2	7.3	7.9	3	6.1
65+	0	24	24.5	25.9	23.1	27	27.6	32.3	13.9	27.9
All Ages	0	5.7	5.9	6.2	5.4	6.2	6.3	7.1	2.9	5.8
Melanoma										
<45	0	0.7	0.8	0.8	0.7	0.8	0.7	1.4	0.6	1.6
45-64	0	3.6	3.3	3.1	3	3.1	3.6	5.5	2.5	6.3
65+	0	4.3	5.7	5.1	4.5	5.3	5.1	9.1	4.8	11.3
All Ages	0	2	2.2	2.1	1.9	2.1	2.1	3.7	1.8	4.4
Non-Hodgkin's Lymphoma										
<45	0	0.5	0.4	0.4	0.4	0.4	0.5	0.7	0.3	0.8
45-64	0	2.8	3.2	2.8	2.7	2.9	2.9	3.2	1.5	3.5
65+	0	8	8.4	8.5	7.9	9.2	8.8	9.7	5.2	11.1
All Ages	0	2.2	2.2	2.2	2.1	2.4	2.4	2.7	1.3	3
Other Endocrine										
<45	0	0.5	0.4	0.4	0.5	0.5	0.5	0.6	0.3	0.7
45-64	0	6.4	5.8	5.4	4.7	6.5	5.9	7.3	3.4	7.4
65+	0	9.9	10	9	8.5	10.2	10.4	13.1	6.2	13.4
All Ages	0	3.3	3.2	3	2.9	3.6	3.4	4.3	2	4.5

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

Age Group (Years)	Year of Diagnosis ¹									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Pancreas										
<45	0	0	0	0.1	0	0.1	0.1	0.1	0	0.1
45-64	0	1	1.1	1.1	1.1	1	1.2	1.2	0.6	1.4
65+	0	5	4.6	4.6	4.3	5.1	5.1	5.6	2.9	6.1
All Ages	0	1	1	1	0.9	1.1	1.2	1.2	0.6	1.3
Prostate⁴										
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rectum										
<45	0	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.2
45-64	0	1.9	1.9	2	1.8	1.8	1.7	2.9	1.3	2.6
65+	0	6.3	5.9	6	5.4	5.8	4.7	8.6	4.3	8.2
All Ages	0	1.5	1.4	1.5	1.4	1.5	1.3	2.2	1	2.1
Thyroid										
<45	0	0.7	0.7	0.6	0.7	0.8	0.9	1.5	0.7	1.8
45-64	0	1.4	1.6	2.1	1.5	2.5	2.5	3.8	1.9	4.9
65+	0	1.1	1.6	1.3	1.1	1.8	1.9	2.8	1.6	3.3
All Ages	0	0.9	1.1	1.1	1	1.4	1.5	2.4	1.2	3
Urinary Tract or Bladder										
<45	0	0.1	0.1	0.1	0.1	0	0	0.1	0	0.1
45-64	0	1.1	1.3	1.3	0.7	0.9	1.2	1.3	0.7	1.5
65+	0	5.9	5.6	5.4	5.4	5.8	4.7	7.5	3.5	7.7
All Ages	0	1.2	1.2	1.2	1	1.2	1	1.4	0.7	1.6
Uterus³										
<45	0	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.2	0.4
45-64	0	5	4.6	4.7	4	5.5	4.9	5.4	2.5	5.5
65+	0	7.3	7.9	7.2	7.1	8	8.2	9	4.4	9.3
All Ages	0	2.5	2.5	2.5	2.3	2.9	2.7	3	1.4	3.2

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

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

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

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

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Number of Data Partners	13	14	14	14	14	14	14	14	12	9	2
Any Cancer Site											
Two-Month Definition											
<45	10	10.9	9.9	10.6	10.3	10	9	9.7	9.9	9.8	1.1
45-64	70	77.7	72.8	76.2	75.4	74.3	67.5	72.5	71.8	71.7	7.8
65+	161.1	186.4	178.6	178.2	172.4	170.7	163.4	164.8	164	158.1	18.1
All Ages ²	48	95.8	89.4	92.2	90.1	88.4	81.4	84.7	85.6	83.9	5.5
Three-Month Definition											
<45	10.2	11.2	10.2	10.8	10.6	10.3	9.3	10	10.2	10	1.1
45-64	72	80.1	74.9	78.4	77.5	76.4	69.4	74.4	73.8	73.3	7.8
65+	167.1	193.4	185.1	184.4	178.2	176.1	168.3	169.7	168.6	161.7	18.1
All Ages ²	49.5	99.2	92.5	95.2	93	91.2	83.7	87.1	87.9	85.8	5.5
Six-Month Definition											
<45	10.9	11.9	10.9	11.6	11.2	10.9	9.8	10.6	10.8	10.5	1.1
45-64	77.6	86.5	80.7	84	82.8	81.5	73.9	79.1	78.5	76.2	7.8
65+	184.3	213	204.1	201.9	194	190.3	181.3	182.2	180.9	168.1	18
All Ages ²	53.8	108.8	101.3	103.6	100.7	98.1	89.8	93.1	94	89	5.5
Site Specific Cancer (Two-Month Definition)											
Anus											
<45	0	0.1	0.1	0.1	0.1	0.1	0	0	0.1	0.1	0
45-64	0.7	0.9	0.8	0.9	1	0.9	0.8	0.8	1	1	0.1
65+	1.3	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.6	1.7	0.2
All Ages	0.4	0.9	0.8	0.8	0.9	0.8	0.7	0.8	0.9	1	0.1
Breast (Female)³											
<45	3.5	3.7	3.4	3.6	3.6	3.4	2.9	3.3	3.4	3.4	0.4
45-64	34.2	35.5	32.8	34.5	33.4	32.7	28.9	31.1	30.7	30.8	3.8
65+	65.7	70	67.3	67.6	64.6	64.1	59.8	60.4	60.1	57.9	7.2
All Ages	21.2	37.8	35.3	36.6	35.4	34.7	31.1	32.5	32.9	32.3	2.5

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

Age Group (Years)	Year of Diagnosis ¹											
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Breast (Male)⁴												
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cervix³												
<45	0.5	0.6	0.5	0.5	0.5	0.6	0.5	0.6	0.5	0.5	0.5	0.1
45-64	1.5	1.9	1.8	1.8	1.8	1.8	1.6	1.7	1.7	1.6	1.6	0.2
65+	1.7	2.5	2.5	2.3	2.3	2.3	2.1	2.1	2.1	1.9	1.9	0.2
All Ages	1	1.7	1.6	1.6	1.6	1.6	1.4	1.5	1.4	1.4	1.4	0.1
Colon												
<45	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0
45-64	4.4	5.3	4.9	5	5	4.9	4.5	4.7	4.8	4.5	4.5	0.4
65+	17.9	23.4	21.4	20.5	19.2	18.5	17.1	16.8	16.1	15	15	1.5
All Ages	4	10.9	9.8	9.7	9.2	8.8	7.9	8	7.9	7.5	7.5	0.4
Esophagus												
<45	0	0	0	0	0	0	0	0	0	0	0	0
45-64	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0
65+	1.4	1.8	1.7	1.7	1.6	1.7	1.5	1.4	1.4	1.4	1.4	0.1
All Ages	0.3	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0
Kidney or Pelvis												
<45	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0
45-64	2	2.8	2.5	2.6	2.6	2.6	2.4	2.6	2.4	2.4	2.4	0.2
65+	5.6	7.3	7	6.7	6.5	6.6	6.2	6.2	6.2	6.2	5.9	0.7
All Ages	1.5	3.7	3.5	3.4	3.4	3.4	3.1	3.2	3.2	3.2	3.1	0.2
Leukemia												
<45	0.5	0.6	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0
45-64	1.6	2.3	2.1	2.2	2.2	2	1.9	2.1	2	2	2	0.2
65+	6.3	8.5	8	7.7	7.4	7.2	6.9	7	6.8	6.6	6.6	0.7
All Ages	1.7	4.2	3.9	3.8	3.8	3.7	3.4	3.5	3.5	3.5	3.4	0.2

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

Age Group (Years)	Year of Diagnosis ¹										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Liver and Intrahepatic Bile Duct											
<45	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
45-64	0.7	1.2	1.2	1.2	1.4	1.3	1.2	1.3	1.1	1.1	0.1
65+	2.1	3.3	3.3	3.3	3.3	3.3	3.5	3.5	3.4	3.5	0.3
All Ages	0.5	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.8	0.1
Lung and Bronchus											
<45	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0
45-64	5.8	8.7	8.3	8.3	8.4	8.2	7.6	8	7.7	7.6	0.5
65+	27.1	33.9	32.4	32.1	31	30.4	28.6	28.9	28.2	27.1	2.7
All Ages	5.6	15.9	14.9	15.1	14.8	14.4	13.2	13.6	13.6	13.2	0.6
Melanoma											
<45	1.6	1.5	1.5	1.6	1.5	1.5	1.4	1.6	1.7	1.7	0.2
45-64	6.3	6	6	6.4	6.4	6.8	6.6	7.3	7.5	8	0.8
65+	11.6	13	12.5	13.3	13.5	14.2	14.3	15	15.8	15.8	1.6
All Ages	4.4	7.3	7	7.5	7.6	8	7.8	8.4	8.9	9.1	0.6
Non-Hodgkin's Lymphoma											
<45	0.7	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.1
45-64	3.3	4.3	3.9	3.9	3.9	3.7	3.3	3.5	3.5	3.5	0.3
65+	10.7	12.8	12.2	11.9	11.4	11.1	10.3	10.3	10.2	9.8	1.1
All Ages	2.9	6.5	6	6.1	5.9	5.7	5	5.2	5.3	5.1	0.3
Other Endocrine											
<45	0.7	0.8	0.7	0.8	0.7	0.7	0.6	0.6	0.7	0.7	0.1
45-64	7.3	8.3	7.6	7.9	8	7.8	7.1	7.8	7.7	7.3	0.7
65+	12.9	15.6	14.8	14.5	13.9	13.7	13.7	13.7	13.8	12.9	1.6
All Ages	4.4	8.6	7.9	8.1	7.8	7.7	7.3	7.6	7.8	7.4	0.5
Pancreas											
<45	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
45-64	1.4	1.7	1.7	1.8	1.8	1.6	1.5	1.7	1.7	1.7	0.2
65+	6.2	7.9	7.6	7.5	7.3	7	6.9	7	7.1	6.8	0.8
All Ages	1.3	3.7	3.4	3.6	3.5	3.3	3.1	3.3	3.4	3.3	0.2

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

Age Group (Years)	Year of Diagnosis ¹											
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Prostate⁴												
<45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45-64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Ages	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rectum												
<45	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
45-64	2.5	2.7	2.5	2.5	2.5	2.4	2.1	2.1	2.2	2.2	2.2	0.2
65+	7.3	8.6	7.3	6.7	6	5.6	4.7	4.5	4.5	4.3	4.3	0.4
All Ages	1.9	4.2	3.6	3.4	3.2	2.9	2.4	2.4	2.5	2.4	2.4	0.1
Thyroid												
<45	1.9	2.1	1.9	2	2	2	1.8	1.9	1.9	1.8	1.8	0.2
45-64	5.3	5.1	4.9	5.2	5	5	4.6	4.7	4.6	4.7	4.7	0.5
65+	3.3	4.2	4.2	4.3	4.1	4.2	4.1	4	4.1	3.9	3.9	0.4
All Ages	3.2	3.7	3.6	3.7	3.6	3.6	3.4	3.4	3.5	3.4	3.4	0.4
Urinary Tract or Bladder												
<45	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
45-64	1.4	1.7	1.7	1.7	1.6	1.4	1.3	1.4	1.4	1.4	1.3	0.1
65+	7.5	9.3	8.6	8.3	7.9	7.4	7	6.8	6.7	6.4	6.4	0.6
All Ages	1.5	4.2	3.8	3.8	3.7	3.4	3.1	3.1	3.1	3	3	0.1
Uterus³												
<45	0.4	0.5	0.4	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.1
45-64	5.6	6.2	5.8	6.3	6.4	6.4	5.9	6.5	6.4	6.3	6.3	0.6
65+	9.4	10.7	10.4	10.7	10.6	10.8	11.1	11.1	11.3	11.1	11.1	1.5
All Ages	3.2	6	5.7	6	6.1	6.1	5.9	6.2	6.4	6.3	6.3	0.4

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

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

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

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

Table 2. Pre-Diagnostic Patient Follow-Up¹ in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020, by Cancer Site

Cancer Site	Patients					Days			
	>0 Years	>1 Years	>2 Years	>3 Years	>4 Years	Mean (Standard Deviation)	Median	Minimum	Maximum
Any Cancer Site									
Two Month Definition	8,318,422	8,318,422	6,609,159	5,212,323	4,052,345	1,661.5 (1036.8)	1,421	366	7,152
Three Month Definition	8,604,450	8,604,450	6,827,262	5,375,450	4,172,466	1,655.7 (1033.6)	1,415	366	7,152
Six Month Definition	9,294,367	9,294,367	7,340,071	5,741,557	4,428,405	1,634.6 (1022.4)	1,393	366	7,152
Site Specific Cancer (Two-Month Definition)									
Anus	71,864	71,864	56,890	44,816	34,708	1,664.0 (1053.1)	1,410	366	7,145
Breast (Female)	1,665,838	1,665,838	1,319,018	1,035,198	801,111	1,655.0 (1046.3)	1,406	366	7,152
Breast (Male)	16,256	16,256	13,259	10,627	8,432	1,732.5 (1051.6)	1,517	366	7,144
Cervix	76,024	76,024	57,637	43,586	32,864	1,532.7 (985.2)	1,272	366	7,145
Colon	831,260	831,260	663,927	526,232	411,449	1,670.6 (1025.5)	1,444	366	7,152
Esophagus	149,693	149,693	120,889	96,989	76,476	1,709.2 (1045.7)	1,493	366	7,152
Kidney and Pelvis	408,708	408,708	324,915	255,235	198,701	1,647.7 (1012.6)	1,418	366	7,150
Leukemia	401,513	401,513	324,662	260,334	206,088	1,716.0 (1043.7)	1,501	366	7,151
Liver and Intrahepatic Bile Duct	206,857	206,857	167,322	134,148	106,299	1,725.6 (1066.5)	1,502	366	7,151
Lung and Bronchus	1,387,115	1,387,115	1,125,700	902,593	710,748	1,704.0 (1024.7)	1,498	366	7,152
Melanoma	953,280	953,280	779,619	632,980	505,800	1,770.5 (1075.8)	1,559	366	7,152
Non-Hodgkin's Lymphoma	580,161	580,161	464,339	368,639	288,667	1,682.3 (1040.5)	1,452	366	7,152
Other Endocrine	401,066	401,066	309,310	236,414	179,471	1,590.6 (1042.0)	1,316	366	7,152
Pancreas	317,928	317,928	261,073	211,801	168,948	1,758.3 (1056.2)	1,554	366	7,152
Prostate	1,726,105	1,726,105	1,355,225	1,060,604	816,811	1,623.7 (1012.5)	1,383	366	7,152
Rectum	321,889	321,889	246,628	188,334	142,346	1,557.0 (996.1)	1,302	366	7,152
Thyroid	247,796	247,796	187,014	140,894	105,397	1,532.7 (1007.2)	1,258	366	7,140
Urinary Tract or Bladder	639,577	639,577	519,230	414,888	326,235	1,701.0 (1023.6)	1,491	366	7,152
Uterus	294,643	294,643	234,690	185,670	145,081	1,695.0 (1086.7)	1,436	366	7,152
Male									
All Cancer Sites	4,208,038	4,208,038	3,338,711	2,631,512	2,042,893	1,653.3 (1027.5)	1,417	366	7,152
All Cancer Sites (3 months)	4,732,106	4,732,106	3,731,768	2,916,270	2,245,011	1,626.1 (1013.3)	1,387	366	7,152
All Cancer Sites (6 months)	4,368,398	4,368,398	3,460,986	2,722,959	2,110,020	1,647.2 (1024.3)	1,411	366	7,152
Anus	31,015	31,015	24,360	19,070	14,633	1,638.3 (1041.9)	1,384	366	7,145
Breast, Male	16,254	16,254	13,257	10,625	8,430	1,732.3 (1051.5)	1,517	366	7,144
Colon	405,533	405,533	321,651	253,693	197,050	1,648.2 (1015.6)	1,419	366	7,150

Table 2. Pre-Diagnostic Patient Follow-Up¹ in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020, by Cancer Site

Cancer Site	Patients					Days			
	>0 Years	>1 Years	>2 Years	>3 Years	>4 Years	Mean (Standard Deviation)	Median	Minimum	Maximum
Esophagus	112,910	112,910	90,995	72,929	57,352	1,704.0 (1046.5)	1,484	366	7,152
Kidney and Pelvis	248,442	248,442	197,435	155,059	120,570	1,647.2 (1015.1)	1,415	366	7,146
Leukemia	225,193	225,193	182,029	146,031	115,557	1,715.9 (1046.7)	1,500	366	7,151
Liver and Intrahepatic Bile Duct	127,996	127,996	103,027	82,206	64,732	1,709.5 (1065.6)	1,477	366	7,151
Lung and Bronchus	707,591	707,591	571,589	456,547	358,093	1,685.2 (1012.9)	1,479	366	7,152
Melanoma	569,628	569,628	469,234	382,602	306,766	1,783.2 (1070.1)	1,581	366	7,150
Non-Hodgkin's Lymphoma	307,640	307,640	245,611	194,765	152,516	1,679.4 (1043.4)	1,447	366	7,152
Other Endocrine	20,085	20,085	14,909	11,159	8,274	1,479.5 (948.5)	1,224	366	7,115
Pancreas	158,400	158,400	129,639	104,937	83,396	1,745.9 (1051.1)	1,540	366	7,152
Prostate	1,726,059	1,726,059	1,355,186	1,060,572	816,785	1,623.6 (1012.5)	1,383	366	7,152
Rectum	172,067	172,067	131,726	100,568	76,097	1,558.0 (999.3)	1,301	366	7,146
Thyroid	67,497	67,497	51,964	39,875	30,207	1,582.8 (1026.8)	1,318	366	7,132
Urinary Tract or Bladder	474,079	474,079	385,035	307,494	241,861	1,700.6 (1022.3)	1,491	366	7,152
Female									
All Cancer Sites	4,110,168	4,110,168	3,270,270	2,580,665	2,009,326	1,669.8 (1046.1)	1,426	366	7,152
All Cancer Sites (3 months)	4,562,029	4,562,029	3,608,115	2,825,134	2,183,262	1,643.4 (1031.7)	1,399	366	7,152
All Cancer Sites (6 months)	4,235,833	4,235,833	3,366,097	2,652,344	2,062,318	1,664.4 (1042.9)	1,420	366	7,152
Anus	40,846	40,846	32,527	25,744	20,073	1,683.4 (1061.2)	1,436	366	7,105
Breast, Female	1,665,790	1,665,790	1,318,977	1,035,162	801,078	1,655.0 (1046.3)	1,406	366	7,152
Cervix	76,021	76,021	57,635	43,586	32,864	1,532.7 (985.2)	1,272	366	7,145
Colon	425,705	425,705	342,260	272,526	214,386	1,692.0 (1034.4)	1,473	366	7,152
Esophagus	36,776	36,776	29,889	24,056	19,120	1,725.3 (1043.3)	1,518	366	7,152
Kidney and Pelvis	160,258	160,258	127,472	100,169	78,124	1,648.4 (1008.7)	1,420	366	7,150
Leukemia	176,304	176,304	142,617	114,289	90,518	1,716.0 (1039.8)	1,502	366	7,147
Liver and Intrahepatic Bile Duct	78,850	78,850	64,285	51,932	41,557	1,751.6 (1067.4)	1,542	366	7,151
Lung and Bronchus	679,480	679,480	554,073	446,011	352,626	1,723.5 (1036.4)	1,519	366	7,152
Melanoma	383,641	383,641	310,377	250,372	199,030	1,751.7 (1084.0)	1,524	366	7,152
Non-Hodgkin's Lymphoma	272,507	272,507	218,717	173,865	136,143	1,685.6 (1037.2)	1,460	366	7,147
Other Endocrine	380,967	380,967	294,392	225,251	171,193	1,596.4 (1046.4)	1,321	366	7,152
Pancreas	159,518	159,518	131,425	106,857	85,546	1,770.6 (1061.0)	1,568	366	7,151
Rectum	149,814	149,814	114,895	87,760	66,243	1,555.9 (992.4)	1,302	366	7,152

Table 2. Pre-Diagnostic Patient Follow-Up¹ in the Sentinel Distributed Database (SDD) from January 1, 2000 to February 29, 2020, by Cancer Site

Cancer Site	Patients					Days			
	>0 Years	>1 Years	>2 Years	>3 Years	>4 Years	Mean (Standard Deviation)	Median	Minimum	Maximum
Thyroid	180,296	180,296	135,048	101,017	75,189	1,514.0 (999.2)	1,237	366	7,140
Urinary Tract or Bladder	165,482	165,482	134,181	107,381	84,363	1,702.1 (1027.2)	1,490	366	7,147
Uterus	294,633	294,633	234,684	185,667	145,079	1,695.0 (1086.7)	1,436	366	7,152

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

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

Cancer Site	Patients					Days			
	>0 Years	>1 Years	>2 Years	>3 Years	>4 Years	Mean (Standard Deviation)	Median	Minimum	Maximum
Any Cancer Site									
Two Month Definition	8,318,422	5,665,047	4,253,405	3,224,882	2,423,812	1,068.7 (997.9)	762	1	6,786
Three Month Definition	8,604,450	5,891,326	4,429,410	3,361,480	2,528,681	1,075.9 (999.2)	772	1	6,786
Six Month Definition	9,294,367	6,489,343	4,907,875	3,741,807	2,825,996	1,103.6 (1004.5)	806	1	6,786
Site Specific Cancer (Two-Month Definition)									
Anus	71,864	46,443	32,365	23,598	17,217	941.2 (917.8)	619	1	6,708
Breast (Female)	1,665,838	1,302,360	1,023,744	797,932	613,292	1,284.8 (1045.5)	1,035	1	6,785
Breast (Male)	16,256	11,699	8,830	6,555	4,796	1,082.0 (928.0)	837	2	6,228
Cervix	76,024	48,523	33,900	24,567	18,106	949.5 (962.1)	608	1	6,784
Colon	831,260	539,651	395,903	294,220	217,157	984.5 (956.9)	672	1	6,785
Esophagus	149,693	65,564	37,759	24,595	16,623	573.9 (712.8)	295	1	6,698
Kidney and Pelvis	408,708	280,330	209,737	157,718	116,757	1,050.3 (954.0)	767	1	6,779
Leukemia	401,513	231,579	165,390	121,227	88,367	856.2 (916.3)	514	1	6,784
Liver and Intrahepatic Bile Duct	206,857	73,041	40,115	24,401	15,379	447.8 (618.9)	200	1	6,786
Lung and Bronchus	1,387,115	586,292	353,171	231,631	156,114	560.7 (715.1)	270	1	6,770
Melanoma	953,280	737,801	566,338	429,664	319,138	1,197.8 (962.8)	962	1	6,785
Non-Hodgkin's Lymphoma	580,161	383,466	286,904	216,554	161,560	1,022.8 (970.4)	716	1	6,778
Other Endocrine	401,066	292,166	220,338	167,943	127,158	1,154.4 (1014.7)	860	1	6,782
Pancreas	317,928	100,211	52,596	33,472	22,963	418.3 (619.3)	177	1	6,785
Prostate	1,726,105	1,342,331	1,049,323	814,216	622,821	1,266.0 (1023.2)	1,018	1	6,785
Rectum	321,889	208,103	149,533	110,014	81,385	975.7 (960.9)	647	1	6,778
Thyroid	247,796	189,015	146,356	113,339	86,244	1,235.1 (1026.4)	973	1	6,776
Urinary Tract or Bladder	639,577	456,406	345,027	260,975	195,341	1101.3 (958.2)	834	1	6,782
Uterus	294,643	211,036	156,724	117,522	87,334	1,107.3 (997.0)	812	1	6,782
Male									
All Cancer Sites	4,208,038	2,833,446	2,115,681	1,595,975	1,193,847	1,047.5 (983.8)	740	1	6,785
All Cancer Sites (3 months)	4,368,398	2,960,445	2,214,101	1,672,154	1,252,183	1,055.9 (985.5)	750	1	6,785
All Cancer Sites (6 months)	4,732,106	3,276,075	2,466,670	1,872,581	1,408,213	1,085.3 (991.0)	788	1	6,785
Anus	31,015	19,397	13,200	9,501	6,873	892.7 (889.9)	569	1	6,708
Breast, Male	16,254	11,699	8,830	6,555	4,796	1,082.1 (928.0)	837	2	6,228
Colon	405,533	260,446	188,849	138,526	101,099	957.3 (939.0)	650	1	6,785

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

Cancer Site	Patients					Days			
	>0 Years	>1 Years	>2 Years	>3 Years	>4 Years	Mean (Standard Deviation)	Median	Minimum	Maximum
Esophagus	112,910	49,285	27,859	17,906	11,976	565.0 (701.2)	295	1	6,698
Kidney and Pelvis	248,442	169,442	125,815	94,042	69,252	1,033.7 (943.4)	749	1	6,779
Leukemia	225,193	128,381	90,708	65,911	47,528	835.1 (899.4)	498	1	6,784
Liver and Intrahepatic Bile Duct	127,996	45,333	24,810	14,869	9,256	445.3 (613.3)	200	1	6,573
Lung and Bronchus	707,591	274,847	158,795	101,308	67,007	506.3 (668.1)	238	1	6,770
Melanoma	569,628	440,733	337,827	255,221	188,345	1,184.6 (946.0)	957	1	6,785
Non-Hodgkin's Lymphoma	307,640	199,526	147,366	109,790	81,017	986.8 (952.2)	679	1	6,778
Other Endocrine	20,085	12,532	9,118	6,847	5,154	975.4 (993.2)	615	1	6,727
Pancreas	158,400	49,907	25,764	16,105	10,959	411.4 (605.5)	178	1	6,299
Prostate	1,726,059	1,342,294	1,049,295	814,192	622,805	1,266.0 (1023.2)	1,018	1	6,785
Rectum	172,067	110,180	78,350	56,700	41,370	949.5 (942.8)	629	1	6,778
Thyroid	67,497	50,588	38,841	29,765	22,367	1,187.8 (998.8)	927	1	6,714
Urinary Tract or Bladder	474,079	341,784	257,793	193,871	144,128	1,102.8 (949.5)	842	1	6,778
Female									
All Cancer Sites	4,110,168	2,831,451	2,137,612	1,628,821	1,229,903	1,090.4 (1011.6)	786	1	6,786
All Cancer Sites (3 months)	4,235,833	2,930,727	2,215,194	1,689,237	1,276,434	1,096.5 (1012.7)	793	1	6,786
All Cancer Sites (6 months)	4,562,029	3,213,106	2,441,083	1,869,134	1,417,716	1,122.5 (1018.1)	826	1	6,786
Anus	40,846	27,044	19,164	14,096	10,344	978.0 (936.8)	658	1	6,706
Breast, Female	1,665,790	1,302,320	1,023,708	797,905	613,272	1,284.8 (1045.5)	1,035	1	6,785
Cervix	76,021	48,520	33,898	24,566	18,106	949.5 (962.1)	608	1	6,784
Colon	425,705	279,190	207,041	155,685	116,052	1,010.3 (973.0)	696	1	6,778
Esophagus	36,776	16,277	9,898	6,687	4,646	601.1 (746.8)	295	1	6,294
Kidney and Pelvis	160,258	110,883	83,918	63,672	47,502	1,075.9 (969.6)	794	1	6,776
Leukemia	176,304	103,187	74,675	55,312	40,835	883.2 (936.7)	537	1	6,776
Liver and Intrahepatic Bile Duct	78,850	27,703	15,304	9,531	6,122	451.9 (627.9)	199	1	6,786
Lung and Bronchus	679,480	311,428	194,365	130,317	89,102	617.4 (756.8)	309	1	6,770
Melanoma	383,641	297,058	228,505	174,439	130,791	1,217.6 (986.8)	970	1	6,783
Non-Hodgkin's Lymphoma	272,507	183,930	139,531	106,758	80,540	1,063.4 (989.0)	766	1	6,777
Other Endocrine	380,967	279,625	211,214	161,092	122,003	1,163.8 (1014.9)	873	1	6,782
Pancreas	159,518	50,300	26,829	17,364	12,002	425.1 (632.6)	177	1	6,785
Rectum	149,814	97,918	71,178	53,310	40,013	1,005.7 (980.4)	668	1	6,777

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

Cancer Site	Patients					Days			
	>0 Years	>1 Years	>2 Years	>3 Years	>4 Years	Mean (Standard Deviation)	Median	Minimum	Maximum
Thyroid	180,296	138,424	107,513	83,573	63,876	1,252.9 (1035.9)	989	1	6,776
Urinary Tract or Bladder	165,482	114,609	87,225	67,097	51,208	1,097.0 (982.5)	808	1	6,782
Uterus	294,633	211,028	156,720	117,520	87,333	1,107.3 (997.0)	812	1	6,782

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	8,318,422	5,665,047	4,253,405	3,224,882	2,423,812
>1	8,318,422	5,665,047	4,253,405	3,224,882	2,423,812
>2	6,609,159	4,450,187	3,295,020	2,449,438	1,789,239
>3	5,212,323	3,449,909	2,504,366	1,810,744	1,269,002
>4	4,052,345	2,622,844	1,851,358	1,283,926	844,440
Male					
>0	4,208,038	2,833,446	2,115,681	1,595,975	1,193,847
>1	4,208,038	2,833,446	2,115,681	1,595,975	1,193,847
>2	3,338,711	2,220,563	1,632,423	1,204,691	873,492
>3	2,631,512	1,719,645	1,237,852	886,694	615,287
>4	2,042,893	1,304,760	911,929	624,901	405,211
Female					
>0	4,110,168	2,831,451	2,137,612	1,628,821	1,229,903
>1	4,110,168	2,831,451	2,137,612	1,628,821	1,229,903
>2	3,270,270	2,229,499	1,662,506	1,244,678	915,699
>3	2,580,665	1,730,162	1,266,440	923,996	653,679
>4	2,009,326	1,317,997	939,366	658,981	439,201

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	8,604,450	5,891,326	4,429,410	3,361,480	2,528,681
>1	8,604,450	5,891,326	4,429,410	3,361,480	2,528,681
>2	6,827,262	4,622,170	3,427,126	2,550,122	1,864,536
>3	5,375,450	3,577,369	2,600,242	1,881,900	1,320,045
>4	4,172,466	2,715,371	1,918,967	1,332,056	876,796
Male					
>0	4,368,398	2,960,445	2,214,101	1,672,154	1,252,183
>1	4,368,398	2,960,445	2,214,101	1,672,154	1,252,183
>2	3,460,986	2,317,145	1,706,272	1,260,807	915,323
>3	2,722,959	1,791,188	1,291,390	926,302	643,625
>4	2,110,020	1,356,556	949,531	651,537	423,099
Female					
>0	4,235,833	2,930,727	2,215,194	1,689,237	1,276,434
>1	4,235,833	2,930,727	2,215,194	1,689,237	1,276,434
>2	3,366,097	2,304,898	1,720,762	1,289,245	949,164
>3	2,652,344	1,786,078	1,308,778	955,544	676,384
>4	2,062,318	1,358,726	969,373	680,475	453,669

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	9,294,367	6,489,343	4,907,875	3,741,807	2,825,996
>1	9,294,367	6,489,343	4,907,875	3,741,807	2,825,996
>2	7,340,071	5,067,731	3,779,965	2,826,169	2,075,098
>3	5,741,557	3,895,075	2,847,158	2,069,738	1,456,977
>4	4,428,405	2,936,837	2,086,266	1,453,828	959,451
Male					
>0	4,732,106	3,276,075	2,466,670	1,872,581	1,408,213
>1	4,732,106	3,276,075	2,466,670	1,872,581	1,408,213
>2	3,731,768	2,552,732	1,892,680	1,406,319	1,025,770
>3	2,916,270	1,959,282	1,421,828	1,025,255	715,349
>4	2,245,011	1,473,688	1,037,974	715,716	466,357
Female					
>0	4,562,029	3,213,106	2,441,083	1,869,134	1,417,716
>1	4,562,029	3,213,106	2,441,083	1,869,134	1,417,716
>2	3,608,115	2,514,867	1,887,189	1,419,778	1,049,277
>3	2,825,134	1,935,687	1,425,254	1,044,428	741,591
>4	2,183,262	1,463,059	1,048,229	738,069	493,067

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	71,864	46,443	32,365	23,598	17,217
>1	71,864	46,443	32,365	23,598	17,217
>2	56,890	36,386	25,001	17,950	12,780
>3	44,816	28,172	18,939	13,259	9,121
>4	34,708	21,288	13,808	9,306	6,008
Male					
>0	31,015	19,397	13,200	9,501	6,873
>1	31,015	19,397	13,200	9,501	6,873
>2	24,360	15,088	10,138	7,155	5,066
>3	19,070	11,569	7,598	5,248	3,599
>4	14,633	8,641	5,473	3,635	2,318
Female					
>0	40,846	27,044	19,164	14,096	10,344
>1	40,846	27,044	19,164	14,096	10,344
>2	32,527	21,296	14,862	10,794	7,714
>3	25,744	16,602	11,341	8,011	5,522
>4	20,073	12,646	8,335	5,671	3,690

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	1,665,838	1,302,360	1,023,744	797,932	613,292
>1	1,665,838	1,302,360	1,023,744	797,932	613,292
>2	1,319,018	1,024,701	796,300	610,192	457,423
>3	1,035,198	794,090	606,423	453,607	327,611
>4	801,111	603,400	449,009	323,433	220,768
Female					
>0	1,665,790	1,302,320	1,023,708	797,905	613,272
>1	1,665,790	1,302,320	1,023,708	797,905	613,272
>2	1,318,977	1,024,667	796,270	610,170	457,407
>3	1,035,162	794,061	606,397	453,589	327,599
>4	801,078	603,374	448,986	323,417	220,757

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	16,256	11,699	8,830	6,555	4,796
>1	16,256	11,699	8,830	6,555	4,796
>2	13,259	9,430	7,000	5,101	3,630
>3	10,627	7,453	5,418	3,839	2,622
>4	8,432	5,804	4,094	2,767	1,746
Male					
>0	16,254	11,699	8,830	6,555	4,796
>1	16,254	11,699	8,830	6,555	4,796
>2	13,257	9,430	7,000	5,101	3,630
>3	10,625	7,453	5,418	3,839	2,622
>4	8,430	5,804	4,094	2,767	1,746

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	76,024	48,523	33,900	24,567	18,106
>1	76,024	48,523	33,900	24,567	18,106
>2	57,637	36,405	25,168	18,007	13,017
>3	43,586	27,066	18,443	12,909	9,056
>4	32,864	19,977	13,322	8,986	5,957
Female					
>0	76,021	48,520	33,898	24,566	18,106
>1	76,021	48,520	33,898	24,566	18,106
>2	57,635	36,403	25,167	18,007	13,017
>3	43,586	27,066	18,443	12,909	9,056
>4	32,864	19,977	13,322	8,986	5,957

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	831,260	539,651	395,903	294,220	217,157
>1	831,260	539,651	395,903	294,220	217,157
>2	663,927	425,502	307,695	224,134	160,903
>3	526,232	330,968	234,413	166,049	114,082
>4	411,449	252,628	173,819	117,943	75,768
Male					
>0	405,533	260,446	188,849	138,526	101,099
>1	405,533	260,446	188,849	138,526	101,099
>2	321,651	204,082	145,904	104,871	74,431
>3	253,693	157,983	110,510	77,176	52,421
>4	197,050	119,774	81,377	54,458	34,606
Female					
>0	425,705	279,190	207,041	155,685	116,052
>1	425,705	279,190	207,041	155,685	116,052
>2	342,260	221,408	161,781	119,257	86,468
>3	272,526	172,976	123,896	88,870	61,660
>4	214,386	132,845	92,435	63,482	41,161

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	294,643	211,036	156,724	117,522	87,334
>1	294,643	211,036	156,724	117,522	87,334
>2	234,690	166,654	122,344	90,193	65,343
>3	185,670	129,986	93,741	67,382	47,056
>4	145,081	99,613	70,062	48,565	32,103
Female					
>0	294,633	211,028	156,720	117,520	87,333
>1	294,633	211,028	156,720	117,520	87,333
>2	234,684	166,649	122,341	90,192	65,342
>3	185,667	129,984	93,740	67,382	47,056
>4	145,079	99,612	70,061	48,565	32,103

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	149,693	65,564	37,759	24,595	16,623
>1	149,693	65,564	37,759	24,595	16,623
>2	120,889	52,117	29,570	18,832	12,308
>3	96,989	40,886	22,735	14,100	8,787
>4	76,476	31,334	16,908	10,066	5,831
Male					
>0	112,910	49,285	27,859	17,906	11,976
>1	112,910	49,285	27,859	17,906	11,976
>2	90,995	39,166	21,808	13,692	8,847
>3	72,929	30,758	16,782	10,270	6,326
>4	57,352	23,470	12,431	7,288	4,152
Female					
>0	36,776	16,277	9,898	6,687	4,646
>1	36,776	16,277	9,898	6,687	4,646
>2	29,889	12,950	7,761	5,139	3,461
>3	24,056	10,127	5,952	3,829	2,461
>4	19,120	7,863	4,476	2,777	1,679

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	408,708	280,330	209,737	157,718	116,757
>1	408,708	280,330	209,737	157,718	116,757
>2	324,915	220,207	162,193	119,425	85,686
>3	255,235	169,400	121,961	87,002	59,587
>4	198,701	128,568	89,873	61,263	39,086
Male					
>0	248,442	169,442	125,815	94,042	69,252
>1	248,442	169,442	125,815	94,042	69,252
>2	197,435	133,106	97,367	71,253	50,863
>3	155,059	102,350	73,211	51,945	35,423
>4	120,570	77,557	53,770	36,398	23,171
Female					
>0	160,258	110,883	83,918	63,672	47,502
>1	160,258	110,883	83,918	63,672	47,502
>2	127,472	87,096	64,822	48,168	34,820
>3	100,169	67,045	48,746	35,053	24,161
>4	78,124	51,006	36,099	24,861	15,912

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	401,513	231,579	165,390	121,227	88,367
>1	401,513	231,579	165,390	121,227	88,367
>2	324,662	184,169	129,636	93,232	66,088
>3	260,334	144,514	99,697	69,714	47,375
>4	206,088	111,270	74,525	49,929	31,833
Male					
>0	225,193	128,381	90,708	65,911	47,528
>1	225,193	128,381	90,708	65,911	47,528
>2	182,029	102,006	70,931	50,548	35,424
>3	146,031	80,019	54,532	37,800	25,399
>4	115,557	61,607	40,742	27,048	17,063
Female					
>0	176,304	103,187	74,675	55,312	40,835
>1	176,304	103,187	74,675	55,312	40,835
>2	142,617	82,152	58,698	42,680	30,660
>3	114,289	64,486	45,159	31,911	21,973
>4	90,518	49,655	33,778	22,879	14,768

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	206,857	73,041	40,115	24,401	15,379
>1	206,857	73,041	40,115	24,401	15,379
>2	167,322	58,135	31,448	18,670	11,381
>3	134,148	45,626	24,218	13,944	8,089
>4	106,299	35,376	18,263	10,162	5,547
Male					
>0	127,996	45,333	24,810	14,869	9,256
>1	127,996	45,333	24,810	14,869	9,256
>2	103,027	36,038	19,466	11,414	6,897
>3	82,206	28,255	14,995	8,530	4,935
>4	64,732	21,794	11,203	6,159	3,368
Female					
>0	78,850	27,703	15,304	9,531	6,122
>1	78,850	27,703	15,304	9,531	6,122
>2	64,285	22,093	11,982	7,256	4,484
>3	51,932	17,367	9,223	5,414	3,154
>4	41,557	13,578	7,060	4,003	2,179

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	1,387,115	586,292	353,171	231,631	156,114
>1	1,387,115	586,292	353,171	231,631	156,114
>2	1,125,700	471,486	280,293	179,973	117,597
>3	902,593	372,567	217,364	135,513	84,597
>4	710,748	288,065	163,615	97,300	56,433
Male					
>0	707,591	274,847	158,795	101,308	67,007
>1	707,591	274,847	158,795	101,308	67,007
>2	571,589	219,910	125,352	78,302	50,146
>3	456,547	173,025	96,765	58,618	35,851
>4	358,093	133,281	72,490	41,797	23,699
Female					
>0	679,480	311,428	194,365	130,317	89,102
>1	679,480	311,428	194,365	130,317	89,102
>2	554,073	251,559	154,930	101,665	67,446
>3	446,011	199,527	120,589	76,889	48,741
>4	352,626	154,771	91,117	55,499	32,731

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	953,280	737,801	566,338	429,664	319,138
>1	953,280	737,801	566,338	429,664	319,138
>2	779,619	600,213	454,988	338,638	244,294
>3	632,980	481,710	358,452	259,454	179,306
>4	505,800	378,195	273,589	189,786	122,669
Male					
>0	569,628	440,733	337,827	255,221	188,345
>1	569,628	440,733	337,827	255,221	188,345
>2	469,234	360,764	272,939	202,095	144,754
>3	382,602	290,611	215,682	155,155	106,302
>4	306,766	228,881	164,976	113,514	72,604
Female					
>0	383,641	297,058	228,505	174,439	130,791
>1	383,641	297,058	228,505	174,439	130,791
>2	310,377	239,441	182,045	136,539	99,538
>3	250,372	191,093	142,767	104,296	73,002
>4	199,030	149,310	108,611	76,270	50,064

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	580,161	383,466	286,904	216,554	161,560
>1	580,161	383,466	286,904	216,554	161,560
>2	464,339	303,152	223,670	165,636	120,155
>3	368,639	236,264	170,943	123,135	85,641
>4	288,667	180,647	127,074	87,803	57,431
Male					
>0	307,640	199,526	147,366	109,790	81,017
>1	307,640	199,526	147,366	109,790	81,017
>2	245,611	157,331	114,592	83,687	60,016
>3	194,765	122,570	87,656	62,309	42,850
>4	152,516	93,647	65,210	44,497	28,729
Female					
>0	272,507	183,930	139,531	106,758	80,540
>1	272,507	183,930	139,531	106,758	80,540
>2	218,717	145,812	109,071	81,943	60,136
>3	173,865	113,686	83,281	60,821	42,789
>4	136,143	86,993	61,859	43,302	28,701

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	401,066	292,166	220,338	167,943	127,158
>1	401,066	292,166	220,338	167,943	127,158
>2	309,310	222,736	165,649	124,020	91,458
>3	236,414	167,116	121,795	88,673	62,790
>4	179,471	123,887	87,823	61,413	40,992
Male					
>0	20,085	12,532	9,118	6,847	5,154
>1	20,085	12,532	9,118	6,847	5,154
>2	14,909	9,167	6,558	4,824	3,554
>3	11,159	6,720	4,711	3,388	2,396
>4	8,274	4,812	3,268	2,239	1,493
Female					
>0	380,967	279,625	211,214	161,092	122,003
>1	380,967	279,625	211,214	161,092	122,003
>2	294,392	213,564	159,087	119,194	87,903
>3	225,251	160,394	117,082	85,284	60,394
>4	171,193	119,073	84,553	59,173	39,499

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	317,928	100,211	52,596	33,472	22,963
>1	317,928	100,211	52,596	33,472	22,963
>2	261,073	80,794	41,483	25,691	17,137
>3	211,801	63,569	31,723	18,897	11,978
>4	168,948	48,871	23,411	13,124	7,680
Male					
>0	158,400	49,907	25,764	16,105	10,959
>1	158,400	49,907	25,764	16,105	10,959
>2	129,639	40,141	20,356	12,356	8,155
>3	104,937	31,588	15,575	9,075	5,702
>4	83,396	24,193	11,487	6,300	3,641
Female					
>0	159,518	50,300	26,829	17,364	12,002
>1	159,518	50,300	26,829	17,364	12,002
>2	131,425	40,649	21,124	13,332	8,980
>3	106,857	31,978	16,146	9,820	6,274
>4	85,546	24,675	11,922	6,822	4,037

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	1,726,105	1,342,331	1,049,323	814,216	622,821
>1	1,726,105	1,342,331	1,049,323	814,216	622,821
>2	1,355,225	1,040,900	799,287	605,480	447,869
>3	1,060,604	800,528	600,853	441,085	311,720
>4	816,811	602,443	438,235	307,098	202,309
Male					
>0	1,726,059	1,342,294	1,049,295	814,192	622,805
>1	1,726,059	1,342,294	1,049,295	814,192	622,805
>2	1,355,186	1,040,870	799,265	605,461	447,858
>3	1,060,572	800,503	600,835	441,070	311,712
>4	816,785	602,424	438,221	307,087	202,303

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	321,889	208,103	149,533	110,014	81,385
>1	321,889	208,103	149,533	110,014	81,385
>2	246,628	157,362	111,459	80,340	57,914
>3	188,334	117,899	81,833	57,374	39,650
>4	142,346	86,797	58,466	39,367	25,616
Male					
>0	172,067	110,180	78,350	56,700	41,370
>1	172,067	110,180	78,350	56,700	41,370
>2	131,726	83,299	58,435	41,307	29,390
>3	100,568	62,361	42,844	29,467	20,100
>4	76,097	45,999	30,696	20,283	13,039
Female					
>0	149,814	97,918	71,178	53,310	40,013
>1	149,814	97,918	71,178	53,310	40,013
>2	114,895	74,059	53,020	39,030	28,523
>3	87,760	55,535	38,986	27,905	19,550
>4	66,243	40,795	27,767	19,082	12,577

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	247,796	189,015	146,356	113,339	86,244
>1	247,796	189,015	146,356	113,339	86,244
>2	187,014	142,735	110,021	84,248	62,821
>3	140,894	106,669	81,136	60,883	44,022
>4	105,397	78,628	58,561	42,653	29,428
Male					
>0	67,497	50,588	38,841	29,765	22,367
>1	67,497	50,588	38,841	29,765	22,367
>2	51,964	38,778	29,519	22,261	16,322
>3	39,875	29,476	22,085	16,270	11,601
>4	30,207	21,965	16,062	11,506	7,804
Female					
>0	180,296	138,424	107,513	83,573	63,876
>1	180,296	138,424	107,513	83,573	63,876
>2	135,048	103,955	80,501	61,987	46,499
>3	101,017	77,191	59,050	44,613	32,421
>4	75,189	56,662	42,498	31,147	21,624

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

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

Pre-Index Enrollment (Years)	Post-Index Enrollment				
	>0 Year	>1 Year	>2 Year	>3 Year	>4 Year
Total					
>0	639,577	456,406	345,027	260,975	195,341
>1	639,577	456,406	345,027	260,975	195,341
>2	519,230	365,531	271,660	200,944	145,800
>3	414,888	286,184	207,704	148,657	102,686
>4	326,235	219,001	153,890	104,763	67,081
Male					
>0	474,079	341,784	257,793	193,871	144,128
>1	474,079	341,784	257,793	193,871	144,128
>2	385,035	274,012	203,245	149,421	107,653
>3	307,494	214,488	155,413	110,566	75,846
>4	241,861	164,286	115,334	78,009	49,603
Female					
>0	165,482	114,609	87,225	67,097	51,208
>1	165,482	114,609	87,225	67,097	51,208
>2	134,181	91,507	68,407	51,517	38,143
>3	107,381	71,684	52,283	38,085	26,836
>4	84,363	54,705	38,550	26,750	17,476

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Code	Description	Code Type	Code Category
202.91	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of lymph nodes of head, face, and neck	Diagnosis	ICD-9-CM
202.92	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of intrathoracic lymph nodes	Diagnosis	ICD-9-CM
202.93	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of intra-abdominal lymph nodes	Diagnosis	ICD-9-CM
202.94	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of lymph nodes of axilla and upper limb	Diagnosis	ICD-9-CM
202.95	lymph nodes of inguinal region and	Diagnosis	ICD-9-CM
202.96	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of intrapelvic lymph nodes	Diagnosis	ICD-9-CM
202.97	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of spleen	Diagnosis	ICD-9-CM
202.98	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of lymph nodes of multiple sites	Diagnosis	ICD-9-CM
C82.00	Follicular lymphoma grade I, unspecified site	Diagnosis	ICD-10-CM
C82.01	Follicular lymphoma grade I, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.02	Follicular lymphoma grade I, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.03	Follicular lymphoma grade I, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.04	Follicular lymphoma grade I, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.05	Follicular lymphoma grade I, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.06	Follicular lymphoma grade I, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.07	Follicular lymphoma grade I, spleen	Diagnosis	ICD-10-CM
C82.08	Follicular lymphoma grade I, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.09	Follicular lymphoma grade I, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.10	Follicular lymphoma grade II, unspecified site	Diagnosis	ICD-10-CM
C82.11	Follicular lymphoma grade II, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.12	Follicular lymphoma grade II, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.13	Follicular lymphoma grade II, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.14	Follicular lymphoma grade II, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.15	Follicular lymphoma grade II, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.16	Follicular lymphoma grade II, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.17	Follicular lymphoma grade II, spleen	Diagnosis	ICD-10-CM
C82.18	Follicular lymphoma grade II, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.19	Follicular lymphoma grade II, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.20	Follicular lymphoma grade III, unspecified, unspecified site	Diagnosis	ICD-10-CM
C82.21	Follicular lymphoma grade III, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.22	Follicular lymphoma grade III, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.23	Follicular lymphoma grade III, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.24	Follicular lymphoma grade III, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.25	Follicular lymphoma grade III, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Appendix C. Specifications Defining Parameters in this Request

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

Query Period: January 1, 2000 - February 29, 2020
Enrollment Gap: 45 days
Enrollment Requirement Prior to Index: 365 days
Age Groups: 0-44, 45-64, 65+ years
Coverage Requirement: (1) At least Medical; (2) Medical and Drug Coverage
Enrollment (Pre and Post Index) Categories: >0, >1, >2, >3, >4 years

Event

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

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

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

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

Appendix D. Design Diagram for Cohort Defining Criteria

