

Table 3.8
Verified Primary and Other Cancers (Annualized Percentages): CT and OS Participants

Data as of: February 19, 2022; Events through February 19, 2022

	Total		CT		OS	
Number of participants	161808		68132		93676	
Mean follow-up (months)	203.4		212.6		196.7	
Overall cancer	36778	(1.34%)	15784	(1.31%)	20994	(1.37%)
Primary cancer						
Breast cancer	14181	(0.52%)	5924	(0.49%)	8257	(0.54%)
Invasive breast cancer	11897	(0.43%)	4933	(0.41%)	6964	(0.45%)
In situ breast cancer	2539	(0.09%)	1112	(0.09%)	1427	(0.09%)
Ovarian cancer	1372	(0.05%)	555	(0.05%)	817	(0.05%)
Endometrial cancer ¹	1926	(0.12%)	813	(0.11%)	1113	(0.12%)
Colorectal cancer	3605	(0.13%)	1651	(0.14%)	1954	(0.13%)
Other cancer						
Accessory sinus	16	(<0.01%)	6	(<0.01%)	10	(<0.01%)
Adrenal gland	18	(<0.01%)	7	(<0.01%)	11	(<0.01%)
Anus	142	(0.01%)	61	(0.01%)	81	(0.01%)
Appendix	52	(<0.01%)	26	(<0.01%)	26	(<0.01%)
Base of tongue	38	(<0.01%)	17	(<0.01%)	21	(<0.01%)
Biliary tract, parts of (other/unspecified)	213	(0.01%)	102	(0.01%)	111	(0.01%)
Bladder	1146	(0.04%)	529	(0.04%)	617	(0.04%)
Bones/joints/articular cartilage (limbs)	14	(<0.01%)	7	(<0.01%)	7	(<0.01%)
Bones/joints/articular cartilage (other)	32	(<0.01%)	15	(<0.01%)	17	(<0.01%)
Brain	419	(0.02%)	184	(0.02%)	235	(0.02%)
Cervix	138	(0.01%)	66	(0.01%)	72	(<0.01%)
Central Nervous System (excludes brain)	5	(<0.01%)	1	(<0.01%)	4	(<0.01%)
Connective/subcutaneous/soft tissues	214	(0.01%)	99	(0.01%)	115	(0.01%)
Endocrine glands, related structures	5	(<0.01%)	1	(<0.01%)	4	(<0.01%)
Esophagus	206	(0.01%)	95	(0.01%)	111	(0.01%)
Eye and adnexa	83	(<0.01%)	48	(<0.01%)	35	(<0.01%)
Floor of mouth	20	(<0.01%)	11	(<0.01%)	9	(<0.01%)
Gallbladder	156	(0.01%)	87	(0.01%)	69	(<0.01%)
Genital organs ²	180	(0.01%)	66	(0.01%)	114	(0.01%)
Gum	52	(<0.01%)	23	(<0.01%)	29	(<0.01%)
Heart	42	(<0.01%)	14	(<0.01%)	28	(<0.01%)
Kidney	825	(0.03%)	395	(0.03%)	430	(0.03%)
Larynx	56	(<0.01%)	29	(<0.01%)	27	(<0.01%)
Leukemia	1277	(0.05%)	557	(0.05%)	720	(0.05%)
Liver	376	(0.01%)	158	(0.01%)	218	(0.01%)
Lung	4535	(0.17%)	1951	(0.16%)	2584	(0.17%)
Lymph nodes	3	(<0.01%)	2	(<0.01%)	1	(<0.01%)
Lymphoma, Hodgkins	84	(<0.01%)	31	(<0.01%)	53	(<0.01%)
Lymphoma, non-Hodgkins	1997	(0.07%)	827	(0.07%)	1170	(0.08%)
Melanoma of the skin	2855	(0.10%)	1222	(0.10%)	1633	(0.11%)
Meninges	8	(<0.01%)	3	(<0.01%)	5	(<0.01%)
Multiple myeloma	701	(0.03%)	315	(0.03%)	386	(0.03%)
Mycosis fungoides	30	(<0.01%)	10	(<0.01%)	20	(<0.01%)
Nasal cavity mid ear	22	(<0.01%)	8	(<0.01%)	14	(<0.01%)
Oral (mouth)	46	(<0.01%)	24	(<0.01%)	22	(<0.01%)
Other digestive cancer	67	(<0.01%)	33	(<0.01%)	34	(<0.01%)
Other lip	17	(<0.01%)	7	(<0.01%)	10	(<0.01%)
Palate	36	(<0.01%)	14	(<0.01%)	22	(<0.01%)

¹ Only women without a baseline hysterectomy are used to compute the annual rates of endometrial and uterine cancer.

² Vaginal and vulvar cancers were included with genital organ cancers in prior reports. As of 2022, these cancers are now shown separately.

Table 3.8 (continued)
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Data as of: February 19, 2022; Events through February 19, 2022

	Total		CT		OS	
Number of participants	161808		68132		93676	
Mean follow-up (months)	203.4		212.6		196.7	
Pancreas	1445	(0.05%)	648	(0.05%)	797	(0.05%)
Parotid gland (Stensen's duct)	72	(<0.01%)	30	(<0.01%)	42	(<0.01%)
Peripheral nerves and autonomic nervous	2	(<0.01%)	1	(<0.01%)	1	(<0.01%)
Peritoneum	242	(0.01%)	98	(0.01%)	144	(0.01%)
Pharynx	32	(<0.01%)	14	(<0.01%)	18	(<0.01%)
Pyriform sinus	2	(<0.01%)	0	(0.00%)	2	(<0.01%)
Renal pelvis	146	(0.01%)	69	(0.01%)	77	(0.01%)
Respiratory system, intrathoracic, other	3	(<0.01%)	1	(<0.01%)	2	(<0.01%)
Salivary glands, major (other/unspecified)	19	(<0.01%)	6	(<0.01%)	13	(<0.01%)
Small intestine	176	(0.01%)	61	(0.01%)	115	(0.01%)
Stomach	335	(0.01%)	139	(0.01%)	196	(0.01%)
Thymus	15	(<0.01%)	8	(<0.01%)	7	(<0.01%)
Thyroid	529	(0.02%)	223	(0.02%)	306	(0.02%)
Tongue, part of (other/unspecified)	94	(<0.01%)	44	(<0.01%)	50	(<0.01%)
Tonsil	25	(<0.01%)	11	(<0.01%)	14	(<0.01%)
Trachea	1	(<0.01%)	0	(0.00%)	1	(<0.01%)
Ureter	91	(<0.01%)	46	(<0.01%)	45	(<0.01%)
Urinary organs (other/unspecified)	40	(<0.01%)	18	(<0.01%)	22	(<0.01%)
Uterus, not otherwise specified ¹	151	(0.01%)	67	(0.01%)	84	(0.01%)
Vagina ²	52	(<0.01%)	27	(<0.01%)	25	(<0.01%)
Vulva ²	193	(0.01%)	83	(0.01%)	110	(0.01%)
Other/unknown site of cancer	595	(0.02%)	266	(0.02%)	329	(0.02%)
Other/unknown cancers reported on death	523	(0.02%)	178	(0.01%)	345	(0.02%)

¹ Only women without a baseline hysterectomy are used to compute the annual rates of endometrial and uterine cancer.

² Vaginal and vulvar cancers were included with genital organ cancers in prior reports. As of 2022, these cancers are now shown separately.