				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	**All cases**		**25735**	**4927**	**19.1**	**1265**	**25.7**	**1239**	**25.1**	**484**	**9.8**	**182**	**3.7**	**422**	**8.6**	**1115**	**22.6**	**220**	**4.5**
	Age at baseline	<18	5697	1183	20.8	537	45.4	179	15.1	37	3.1	24	2.0	89	7.5	265	22.4	52	4.4
		18-19	2152	305	14.2	110	36.1	56	18.4	15	4.9	7	2.3	40	13.1	62	20.3	15	4.9
		20-24	6024	973	16.2	292	30.0	225	23.1	59	6.1	24	2.5	96	9.9	239	24.6	38	3.9
		25-29	5571	992	17.8	196	19.8	258	26.0	117	11.8	48	4.8	101	10.2	225	22.7	47	4.7
		30-34	3886	792	20.4	80	10.1	266	33.6	127	16.0	38	4.8	62	7.8	173	21.8	46	5.8
		35+	2405	682	28.4	50	7.3	255	37.4	129	18.9	41	6.0	34	5.0	151	22.1	22	3.2
	Years since diagnosis	5-9	2601	1263	48.6	750	59.4	142	11.2	28	2.2	15	1.2	60	4.8	226	17.9	42	3.3
		10-14	8345	1258	15.1	322	25.6	334	26.6	109	8.7	45	3.6	133	10.6	256	20.3	59	4.7
		15-19	8211	1199	14.6	116	9.7	365	30.4	165	13.8	59	4.9	135	11.3	293	24.4	66	5.5
		20+	6578	1207	18.3	77	6.4	398	33.0	182	15.1	63	5.2	94	7.8	340	28.2	53	4.4
	Age at diagnosis	<1	1934	169	8.7	33	19.5	32	18.9	5	3.0	4	2.4	26	15.4	62	36.7	7	4.1
		1-4	8300	1184	14.3	322	27.2	274	23.1	79	6.7	37	3.1	107	9.0	304	25.7	61	5.2
		5-9	5795	1077	18.6	297	27.6	226	21.0	80	7.4	33	3.1	112	10.4	273	25.3	56	5.2
		10-14	5454	1244	22.8	303	24.4	341	27.4	140	11.3	48	3.9	101	8.1	259	20.8	52	4.2
		15-20	4252	1253	29.5	310	24.7	366	29.2	180	14.4	60	4.8	76	6.1	217	17.3	44	3.5
	Treatment	Surgery only	2169	178	8.2	34	19.1	37	20.8	11	6.2	6	3.4	25	14.0	51	28.7	14	7.9
		Chemotherapy, no radiation	8168	762	9.3	203	26.6	167	21.9	65	8.5	25	3.3	121	15.9	153	20.1	28	3.7
		Radiation, no chemotherapy	2087	717	34.4	144	20.1	192	26.8	78	10.9	37	5.2	49	6.8	188	26.2	29	4.0
		Chemotherapy and radiation	10811	2588	23.9	713	27.6	685	26.5	237	9.2	86	3.3	171	6.6	577	22.3	119	4.6
		Unknown	2500	682	27.3	171	25.1	158	23.2	93	13.6	28	4.1	56	8.2	146	21.4	30	4.4
Males	**All cases**		**13759**	**2842**	**20.7**	**770**	**27.1**	**641**	**22.6**	**281**	**9.9**	**94**	**3.3**	**308**	**10.8**	**625**	**22.0**	**123**	**4.3**
	Age at baseline	<18	3071	719	23.4	334	46.5	107	14.9	26	3.6	13	1.8	61	8.5	152	21.1	26	3.6
		18-19	1122	179	16.0	62	34.6	31	17.3	8	4.5	4	2.2	28	15.6	36	20.1	10	5.6
		20-24	3170	572	18.0	171	29.9	115	20.1	30	5.2	13	2.3	78	13.6	141	24.7	24	4.2
		25-29	3091	597	19.3	120	20.1	153	25.6	79	13.2	19	3.2	78	13.1	122	20.4	26	4.4
		30-34	2072	440	21.2	60	13.6	120	27.3	77	17.5	24	5.5	40	9.1	94	21.4	25	5.7
		35+	1233	335	27.2	23	6.9	115	34.3	61	18.2	21	6.3	23	6.9	80	23.9	12	3.6
	Years since diagnosis	5-9	1461	765	52.4	447	58.4	80	10.5	20	2.6	8	1.0	47	6.1	139	18.2	24	3.1
		10-14	4468	769	17.2	212	27.6	189	24.6	73	9.5	24	3.1	96	12.5	144	18.7	31	4.0
		15-19	4314	670	15.5	71	10.6	175	26.1	94	14.0	30	4.5	99	14.8	161	24.0	40	6.0
		20+	3516	638	18.1	40	6.3	197	30.9	94	14.7	32	5.0	66	10.3	181	28.4	28	4.4
	Age at diagnosis	<1	988	96	9.7	19	19.8	17	17.7	2	2.1	2	2.1	22	22.9	31	32.3	3	3.1
		1-4	4345	674	15.5	196	29.1	148	22.0	44	6.5	16	2.4	74	11.0	167	24.8	29	4.3
		5-9	3266	688	21.1	192	27.9	133	19.3	54	7.8	21	3.1	81	11.8	170	24.7	37	5.4
		10-14	2888	688	23.8	171	24.9	169	24.6	75	10.9	20	2.9	73	10.6	148	21.5	32	4.7
		15-20	2272	696	30.6	192	27.6	174	25.0	106	15.2	35	5.0	58	8.3	109	15.7	22	3.2
	Treatment	Surgery only	1070	105	9.8	18	17.1	20	19.0	9	8.6	3	2.9	20	19.0	27	25.7	8	7.6
		Chemotherapy, no radiation	4300	434	10.1	118	27.2	78	18.0	43	9.9	12	2.8	87	20.0	82	18.9	14	3.2
		Radiation, no chemotherapy	1087	400	36.8	90	22.5	85	21.3	43	10.8	23	5.8	35	8.8	106	26.5	18	4.5
		Chemotherapy and radiation	5827	1467	25.2	437	29.8	371	25.3	124	8.5	41	2.8	120	8.2	311	21.2	63	4.3
		Unknown	1475	436	29.6	107	24.5	87	20.0	62	14.2	15	3.4	46	10.6	99	22.7	20	4.6
Females	**All cases**		**11976**	**2085**	**17.4**	**495**	**23.7**	**598**	**28.7**	**203**	**9.7**	**88**	**4.2**	**114**	**5.5**	**490**	**23.5**	**97**	**4.7**

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Age at baseline	<18	2626	464	17.7	203	43.8	72	15.5	11	2.4	11	2.4	28	6.0	113	24.4	26	5.6
		18-19	1030	126	12.2	48	38.1	25	19.8	7	5.6	3	2.4	12	9.5	26	20.6	5	4.0
		20-24	2854	401	14.1	121	30.2	110	27.4	29	7.2	11	2.7	18	4.5	98	24.4	14	3.5
		25-29	2480	395	15.9	76	19.2	105	26.6	38	9.6	29	7.3	23	5.8	103	26.1	21	5.3
		30-34	1814	352	19.4	20	5.7	146	41.5	50	14.2	14	4.0	22	6.3	79	22.4	21	6.0
		35+	1172	347	29.6	27	7.8	140	40.3	68	19.6	20	5.8	11	3.2	71	20.5	10	2.9
	Years since diagnosis	5-9	1140	498	43.7	303	60.8	62	12.4	8	1.6	7	1.4	13	2.6	87	17.5	18	3.6
		10-14	3877	489	12.6	110	22.5	145	29.7	36	7.4	21	4.3	37	7.6	112	22.9	28	5.7
		15-19	3897	529	13.6	45	8.5	190	35.9	71	13.4	29	5.5	36	6.8	132	25.0	26	4.9
		20+	3062	569	18.6	37	6.5	201	35.3	88	15.5	31	5.4	28	4.9	159	27.9	25	4.4
	Age at diagnosis	<1	946	73	7.7	14	19.2	15	20.5	3	4.1	2	2.7	4	5.5	31	42.5	4	5.5
		1-4	3955	510	12.9	126	24.7	126	24.7	35	6.9	21	4.1	33	6.5	137	26.9	32	6.3
		5-9	2529	389	15.4	105	27.0	93	23.9	26	6.7	12	3.1	31	8.0	103	26.5	19	4.9
		10-14	2566	556	21.7	132	23.7	172	30.9	65	11.7	28	5.0	28	5.0	111	20.0	20	3.6
		15-20	1980	557	28.1	118	21.2	192	34.5	74	13.3	25	4.5	18	3.2	108	19.4	22	3.9
	Treatment	Surgery only	1099	73	6.6	16	21.9	17	23.3	2	2.7	3	4.1	5	6.8	24	32.9	6	8.2
		Chemotherapy, no radiation	3868	328	8.5	85	25.9	89	27.1	22	6.7	13	4.0	34	10.4	71	21.6	14	4.3
		Radiation, no chemotherapy	1000	317	31.7	54	17.0	107	33.8	35	11.0	14	4.4	14	4.4	82	25.9	11	3.5
		Chemotherapy and radiation	4984	1121	22.5	276	24.6	314	28.0	113	10.1	45	4.0	51	4.5	266	23.7	56	5.0
		Unknown	1025	246	24.0	64	26.0	71	28.9	31	12.6	13	5.3	10	4.1	47	19.1	10	4.1

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	**All cases**		**7908**	**1159**	**14.7**	**367**	**31.7**	**250**	**21.6**	**80**	**6.9**	**33**	**2.8**	**113**	**9.7**	**265**	**22.9**	**51**	**4.4**
	Age at baseline	<18	2236	455	20.3	230	50.5	71	15.6	16	3.5	8	1.8	30	6.6	80	17.6	20	4.4
		18-19	844	107	12.7	34	31.8	14	13.1	9	8.4	4	3.7	19	17.8	21	19.6	6	5.6
		20-24	1970	229	11.6	61	26.6	50	21.8	14	6.1	7	3.1	21	9.2	67	29.3	9	3.9
		25-29	1608	209	13.0	30	14.4	58	27.8	22	10.5	9	4.3	31	14.8	50	23.9	9	4.3
		30-34	847	106	12.5	9	8.5	36	34.0	13	12.3	4	3.8	9	8.5	30	28.3	5	4.7
		35+	403	53	13.2	3	5.7	21	39.6	6	11.3	1	1.9	3	5.7	17	32.1	2	3.8
	Years since diagnosis	5-9	981	437	44.5	272	62.2	43	9.8	9	2.1	7	1.6	16	3.7	74	16.9	16	3.7
		10-14	2637	296	11.2	77	26.0	72	24.3	22	7.4	8	2.7	40	13.5	62	20.9	15	5.1
		15-19	2441	220	9.0	11	5.0	63	28.6	24	10.9	12	5.5	36	16.4	62	28.2	12	5.5
		20+	1849	206	11.1	7	3.4	72	35.0	25	12.1	6	2.9	21	10.2	67	32.5	8	3.9
	Age at diagnosis	<1	242	24	9.9	3	12.5	10	41.7	.	.	2	8.3	1	4.2	7	29.2	1	4.2
		1-4	3735	469	12.6	152	32.4	98	20.9	33	7.0	13	2.8	45	9.6	107	22.8	21	4.5
		5-9	1931	306	15.8	91	29.7	60	19.6	21	6.9	9	2.9	40	13.1	73	23.9	12	3.9
		10-14	1313	212	16.1	71	33.5	49	23.1	13	6.1	3	1.4	15	7.1	51	24.1	10	4.7
		15-20	687	148	21.5	50	33.8	33	22.3	13	8.8	6	4.1	12	8.1	27	18.2	7	4.7
	Treatment	Surgery only	3	1	33.3	.	.	.	.	.	.	.	.	.	.	.	.	1	100.0
		Chemotherapy, no radiation	3383	281	8.3	92	32.7	47	16.7	21	7.5	9	3.2	51	18.1	50	17.8	11	3.9
		Radiation, no chemotherapy	4	1	25.0	1	100.0	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	3775	711	18.8	220	30.9	168	23.6	45	6.3	15	2.1	51	7.2	179	25.2	33	4.6
		Unknown	743	165	22.2	54	32.7	35	21.2	14	8.5	9	5.5	11	6.7	36	21.8	6	3.6
Males	**All cases**		**4218**	**669**	**15.9**	**226**	**33.8**	**137**	**20.5**	**41**	**6.1**	**16**	**2.4**	**77**	**11.5**	**143**	**21.4**	**29**	**4.3**
	Age at baseline	<18	1222	284	23.2	147	51.8	44	15.5	13	4.6	5	1.8	18	6.3	46	16.2	11	3.9
		18-19	454	61	13.4	19	31.1	8	13.1	4	6.6	3	4.9	12	19.7	10	16.4	5	8.2
		20-24	997	128	12.8	34	26.6	26	20.3	4	3.1	2	1.6	17	13.3	39	30.5	6	4.7
		25-29	870	118	13.6	19	16.1	32	27.1	12	10.2	3	2.5	21	17.8	28	23.7	3	2.5
		30-34	449	50	11.1	6	12.0	15	30.0	5	10.0	3	6.0	7	14.0	12	24.0	2	4.0
		35+	226	28	12.4	1	3.6	12	42.9	3	10.7	.	.	2	7.1	8	28.6	2	7.1
	Years since diagnosis	5-9	557	277	49.7	169	61.0	26	9.4	7	2.5	5	1.8	10	3.6	48	17.3	12	4.3
		10-14	1415	176	12.4	48	27.3	45	25.6	14	8.0	3	1.7	23	13.1	34	19.3	9	5.1
		15-19	1252	113	9.0	5	4.4	30	26.5	9	8.0	7	6.2	27	23.9	32	28.3	3	2.7
		20+	994	103	10.4	4	3.9	36	35.0	11	10.7	1	1.0	17	16.5	29	28.2	5	4.9
	Age at diagnosis	<1	113	11	9.7	1	9.1	5	45.5	.	.	.	.	1	9.1	4	36.4	.	.
		1-4	1998	275	13.8	97	35.3	53	19.3	17	6.2	7	2.5	34	12.4	57	20.7	10	3.6
		5-9	1041	185	17.8	62	33.5	38	20.5	12	6.5	4	2.2	24	13.0	37	20.0	8	4.3
		10-14	650	109	16.8	36	33.0	23	21.1	4	3.7	.	.	11	10.1	29	26.6	6	5.5
		15-20	416	89	21.4	30	33.7	18	20.2	8	9.0	5	5.6	7	7.9	16	18.0	5	5.6
	Treatment	Surgery only	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	1694	153	9.0	44	28.8	22	14.4	12	7.8	5	3.3	34	22.2	31	20.3	5	3.3
		Radiation, no chemotherapy	3	1	33.3	1	100.0	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	2076	412	19.8	145	35.2	96	23.3	22	5.3	6	1.5	34	8.3	90	21.8	19	4.6
		Unknown	444	103	23.2	36	35.0	19	18.4	7	6.8	5	4.9	9	8.7	22	21.4	5	4.9
Females	**All cases**		**3690**	**490**	**13.3**	**141**	**28.8**	**113**	**23.1**	**39**	**8.0**	**17**	**3.5**	**36**	**7.3**	**122**	**24.9**	**22**	**4.5**

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death											
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Age at baseline	<18	1014	171	16.9	83	48.5	27	15.8	3	1.8	3	1.8	12	7.0	34	19.9	9	5.3
		18-19	390	46	11.8	15	32.6	6	13.0	5	10.9	1	2.2	7	15.2	11	23.9	1	2.2
		20-24	973	101	10.4	27	26.7	24	23.8	10	9.9	5	5.0	4	4.0	28	27.7	3	3.0
		25-29	738	91	12.3	11	12.1	26	28.6	10	11.0	6	6.6	10	11.0	22	24.2	6	6.6
		30-34	398	56	14.1	3	5.4	21	37.5	8	14.3	1	1.8	2	3.6	18	32.1	3	5.4
		35+	177	25	14.1	2	8.0	9	36.0	3	12.0	1	4.0	1	4.0	9	36.0	.	.
	Years since diagnosis	5-9	424	160	37.7	103	64.4	17	10.6	2	1.3	2	1.3	6	3.8	26	16.3	4	2.5
		10-14	1222	120	9.8	29	24.2	27	22.5	8	6.7	5	4.2	17	14.2	28	23.3	6	5.0
		15-19	1189	107	9.0	6	5.6	33	30.8	15	14.0	5	4.7	9	8.4	30	28.0	9	8.4
		20+	855	103	12.0	3	2.9	36	35.0	14	13.6	5	4.9	4	3.9	38	36.9	3	2.9
	Age at diagnosis	<1	129	13	10.1	2	15.4	5	38.5	.	.	2	15.4	.	.	3	23.1	1	7.7
		1-4	1737	194	11.2	55	28.4	45	23.2	16	8.2	6	3.1	11	5.7	50	25.8	11	5.7
		5-9	890	121	13.6	29	24.0	22	18.2	9	7.4	5	4.1	16	13.2	36	29.8	4	3.3
		10-14	663	103	15.5	35	34.0	26	25.2	9	8.7	3	2.9	4	3.9	22	21.4	4	3.9
		15-20	271	59	21.8	20	33.9	15	25.4	5	8.5	1	1.7	5	8.5	11	18.6	2	3.4
	Treatment	Surgery only	2	1	50.0	.	.	.	.	.	.	.	.	.	.	.	.	1	100.0
		Chemotherapy, no radiation	1689	128	7.6	48	37.5	25	19.5	9	7.0	4	3.1	17	13.3	19	14.8	6	4.7
		Radiation, no chemotherapy	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	1699	299	17.6	75	25.1	72	24.1	23	7.7	9	3.0	17	5.7	89	29.8	14	4.7
		Unknown	299	62	20.7	18	29.0	16	25.8	7	11.3	4	6.5	2	3.2	14	22.6	1	1.6

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	**All cases**		**6646**	**903**	**13.6**	**300**	**33.2**	**198**	**21.9**	**50**	**5.5**	**24**	**2.7**	**91**	**10.1**	**201**	**22.3**	**39**	**4.3**
	Age at baseline	<18	1941	388	20.0	207	53.4	60	15.5	10	2.6	7	1.8	26	6.7	62	16.0	16	4.1
		18-19	730	81	11.1	22	27.2	12	14.8	6	7.4	4	4.9	17	21.0	15	18.5	5	6.2
		20-24	1693	175	10.3	44	25.1	45	25.7	11	6.3	4	2.3	16	9.1	49	28.0	6	3.4
		25-29	1338	157	11.7	21	13.4	46	29.3	13	8.3	7	4.5	24	15.3	40	25.5	6	3.8
		30-34	657	75	11.4	4	5.3	27	36.0	8	10.7	1	1.3	7	9.3	24	32.0	4	5.3
		35+	287	27	9.4	2	7.4	8	29.6	2	7.4	1	3.7	1	3.7	11	40.7	2	7.4
	Years since diagnosis	5-9	844	359	42.5	224	62.4	40	11.1	9	2.5	5	1.4	13	3.6	55	15.3	13	3.6
		10-14	2222	222	10.0	61	27.5	56	25.2	7	3.2	7	3.2	34	15.3	45	20.3	12	5.4
		15-19	2024	154	7.6	9	5.8	46	29.9	16	10.4	8	5.2	26	16.9	43	27.9	6	3.9
		20+	1556	168	10.8	6	3.6	56	33.3	18	10.7	4	2.4	18	10.7	58	34.5	8	4.8
	Age at diagnosis	<1	134	16	11.9	3	18.8	7	43.8	.	.	2	12.5	.	.	4	25.0	.	.
		1-4	3322	409	12.3	141	34.5	90	22.0	21	5.1	10	2.4	39	9.5	92	22.5	16	3.9
		5-9	1696	252	14.9	77	30.6	48	19.0	17	6.7	8	3.2	35	13.9	56	22.2	11	4.4
		10-14	1027	143	13.9	46	32.2	35	24.5	8	5.6	2	1.4	10	7.0	34	23.8	8	5.6
		15-20	467	83	17.8	33	39.8	18	21.7	4	4.8	2	2.4	7	8.4	15	18.1	4	4.8
	Treatment	Chemotherapy, no radiation	2699	178	6.6	62	34.8	29	16.3	9	5.1	8	4.5	39	21.9	25	14.0	6	3.4
		Radiation, no chemotherapy	4	1	25.0	1	100.0	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	3306	594	18.0	191	32.2	142	23.9	32	5.4	10	1.7	43	7.2	148	24.9	28	4.7
		Unknown	637	130	20.4	46	35.4	27	20.8	9	6.9	6	4.6	9	6.9	28	21.5	5	3.8
Males	**All cases**		**3576**	**530**	**14.8**	**189**	**35.7**	**108**	**20.4**	**28**	**5.3**	**12**	**2.3**	**63**	**11.9**	**104**	**19.6**	**26**	**4.9**
	Age at baseline	<18	1061	244	23.0	134	54.9	37	15.2	9	3.7	5	2.0	14	5.7	35	14.3	10	4.1
		18-19	397	49	12.3	15	30.6	7	14.3	3	6.1	3	6.1	11	22.4	6	12.2	4	8.2
		20-24	858	92	10.7	22	23.9	23	25.0	2	2.2	1	1.1	13	14.1	26	28.3	5	5.4
		25-29	736	91	12.4	13	14.3	25	27.5	9	9.9	2	2.2	18	19.8	21	23.1	3	3.3
		30-34	354	38	10.7	4	10.5	11	28.9	4	10.5	1	2.6	6	15.8	10	26.3	2	5.3
		35+	170	16	9.4	1	6.3	5	31.3	1	6.3	.	.	1	6.3	6	37.5	2	12.5
	Years since diagnosis	5-9	480	227	47.3	140	61.7	23	10.1	7	3.1	3	1.3	8	3.5	36	15.9	10	4.4
		10-14	1201	136	11.3	41	30.1	35	25.7	5	3.7	3	2.2	20	14.7	23	16.9	9	6.6
		15-19	1052	79	7.5	4	5.1	22	27.8	6	7.6	5	6.3	20	25.3	20	25.3	2	2.5
		20+	843	88	10.4	4	4.5	28	31.8	10	11.4	1	1.1	15	17.0	25	28.4	5	5.7
	Age at diagnosis	<1	65	6	9.2	1	16.7	3	50.0	.	.	.	.	.	.	2	33.3	.	.
		1-4	1769	243	13.7	93	38.3	49	20.2	13	5.3	7	2.9	28	11.5	45	18.5	8	3.3
		5-9	924	152	16.5	51	33.6	29	19.1	9	5.9	4	2.6	22	14.5	29	19.1	8	5.3
		10-14	527	77	14.6	25	32.5	17	22.1	3	3.9	.	.	8	10.4	18	23.4	6	7.8
		15-20	291	52	17.9	19	36.5	10	19.2	3	5.8	1	1.9	5	9.6	10	19.2	4	7.7
	Treatment	Chemotherapy, no radiation	1349	98	7.3	28	28.6	13	13.3	6	6.1	5	5.1	27	27.6	15	15.3	4	4.1
		Radiation, no chemotherapy	3	1	33.3	1	100.0	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	1839	349	19.0	127	36.4	81	23.2	18	5.2	4	1.1	28	8.0	74	21.2	17	4.9
		Unknown	385	82	21.3	33	40.2	14	17.1	4	4.9	3	3.7	8	9.8	15	18.3	5	6.1
Females	**All cases**		**3070**	**373**	**12.1**	**111**	**29.8**	**90**	**24.1**	**22**	**5.9**	**12**	**3.2**	**28**	**7.5**	**97**	**26.0**	**13**	**3.5**
	Age at baseline	<18	880	144	16.4	73	50.7	23	16.0	1	0.7	2	1.4	12	8.3	27	18.8	6	4.2
		18-19	333	32	9.6	7	21.9	5	15.6	3	9.4	1	3.1	6	18.8	9	28.1	1	3.1

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death											
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		20-24	835	83	9.9	22	26.5	22	26.5	9	10.8	3	3.6	3	3.6	23	27.7	1	1.2
		25-29	602	66	11.0	8	12.1	21	31.8	4	6.1	5	7.6	6	9.1	19	28.8	3	4.5
		30-34	303	37	12.2	.	.	16	43.2	4	10.8	.	.	1	2.7	14	37.8	2	5.4
		35+	117	11	9.4	1	9.1	3	27.3	1	9.1	1	9.1	.	.	5	45.5	.	.
	Years since diagnosis	5-9	364	132	36.3	84	63.6	17	12.9	2	1.5	2	1.5	5	3.8	19	14.4	3	2.3
		10-14	1021	86	8.4	20	23.3	21	24.4	2	2.3	4	4.7	14	16.3	22	25.6	3	3.5
		15-19	972	75	7.7	5	6.7	24	32.0	10	13.3	3	4.0	6	8.0	23	30.7	4	5.3
		20+	713	80	11.2	2	2.5	28	35.0	8	10.0	3	3.8	3	3.8	33	41.3	3	3.8
	Age at diagnosis	<1	69	10	14.5	2	20.0	4	40.0	.	.	2	20.0	.	.	2	20.0	.	.
		1-4	1553	166	10.7	48	28.9	41	24.7	8	4.8	3	1.8	11	6.6	47	28.3	8	4.8
		5-9	772	100	13.0	26	26.0	19	19.0	8	8.0	4	4.0	13	13.0	27	27.0	3	3.0
		10-14	500	66	13.2	21	31.8	18	27.3	5	7.6	2	3.0	2	3.0	16	24.2	2	3.0
		15-20	176	31	17.6	14	45.2	8	25.8	1	3.2	1	3.2	2	6.5	5	16.1	.	.
	Treatment	Chemotherapy, no radiation	1350	80	5.9	34	42.5	16	20.0	3	3.8	3	3.8	12	15.0	10	12.5	2	2.5
		Radiation, no chemotherapy	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	1467	245	16.7	64	26.1	61	24.9	14	5.7	6	2.4	15	6.1	74	30.2	11	4.5
		Unknown	252	48	19.0	13	27.1	13	27.1	5	10.4	3	6.3	1	2.1	13	27.1	.	.

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	**All cases**		**930**	**162**	**17.4**	**30**	**18.5**	**34**	**21.0**	**24**	**14.8**	**7**	**4.3**	**17**	**10.5**	**40**	**24.7**	**10**	**6.2**
	Age at baseline	<18	231	41	17.7	11	26.8	7	17.1	5	12.2	1	2.4	4	9.8	10	24.4	3	7.3
		18-19	89	18	20.2	5	27.8	2	11.1	3	16.7	.	.	2	11.1	5	27.8	1	5.6
		20-24	199	35	17.6	9	25.7	5	14.3	3	8.6	3	8.6	2	5.7	11	31.4	2	5.7
		25-29	201	37	18.4	4	10.8	9	24.3	9	24.3	1	2.7	6	16.2	5	13.5	3	8.1
		30-34	134	17	12.7	1	5.9	5	29.4	2	11.8	2	11.8	1	5.9	5	29.4	1	5.9
		35+	76	14	18.4	.	.	6	42.9	2	14.3	.	.	2	14.3	4	28.6	.	.
	Years since diagnosis	5-9	85	37	43.5	23	62.2	1	2.7	.	.	1	2.7	2	5.4	8	21.6	2	5.4
		10-14	320	53	16.6	7	13.2	13	24.5	13	24.5	1	1.9	6	11.3	11	20.8	2	3.8
		15-19	323	51	15.8	.	.	14	27.5	7	13.7	4	7.8	7	13.7	13	25.5	6	11.8
		20+	202	21	10.4	.	.	6	28.6	4	19.0	1	4.8	2	9.5	8	38.1	.	.
	Age at diagnosis	<1	93	5	5.4	.	.	2	40.0	.	.	.	.	1	20.0	2	40.0	.	.
		1-4	315	42	13.3	4	9.5	5	11.9	10	23.8	3	7.1	4	9.5	11	26.2	5	11.9
		5-9	172	36	20.9	7	19.4	8	22.2	3	8.3	1	2.8	5	13.9	11	30.6	1	2.8
		10-14	199	41	20.6	12	29.3	10	24.4	5	12.2	.	.	4	9.8	8	19.5	2	4.9
		15-20	151	38	25.2	7	18.4	9	23.7	6	15.8	3	7.9	3	7.9	8	21.1	2	5.3
	Treatment	Surgery only	3	1	33.3	.	.	.	.	.	.	.	.	.	.	.	.	1	100.0
		Chemotherapy, no radiation	558	68	12.2	15	22.1	11	16.2	10	14.7	1	1.5	10	14.7	17	25.0	4	5.9
		Chemotherapy and radiation	296	70	23.6	11	15.7	17	24.3	10	14.3	4	5.7	5	7.1	19	27.1	4	5.7
		Unknown	73	23	31.5	4	17.4	6	26.1	4	17.4	2	8.7	2	8.7	4	17.4	1	4.3
Males	**All cases**		**456**	**87**	**19.1**	**20**	**23.0**	**18**	**20.7**	**12**	**13.8**	**3**	**3.4**	**10**	**11.5**	**22**	**25.3**	**2**	**2.3**
	Age at baseline	<18	126	25	19.8	7	28.0	3	12.0	4	16.0	.	.	4	16.0	6	24.0	1	4.0
		18-19	45	11	24.4	4	36.4	1	9.1	1	9.1	.	.	1	9.1	3	27.3	1	9.1
		20-24	95	23	24.2	6	26.1	3	13.0	2	8.7	1	4.3	2	8.7	9	39.1	.	.
		25-29	90	15	16.7	2	13.3	6	40.0	3	20.0	.	.	2	13.3	2	13.3	.	.
		30-34	65	7	10.8	1	14.3	2	28.6	1	14.3	2	28.6	.	.	1	14.3	.	.
		35+	35	6	17.1	.	.	3	50.0	1	16.7	.	.	1	16.7	1	16.7	.	.
	Years since diagnosis	5-9	50	28	56.0	17	60.7	1	3.6	.	.	1	3.6	2	7.1	6	21.4	1	3.6
		10-14	160	29	18.1	3	10.3	8	27.6	9	31.0	.	.	3	10.3	6	20.7	.	.
		15-19	149	23	15.4	.	.	7	30.4	2	8.7	2	8.7	4	17.4	7	30.4	1	4.3
		20+	97	7	7.2	.	.	2	28.6	1	14.3	.	.	1	14.3	3	42.9	.	.
	Age at diagnosis	<1	40	3	7.5	.	.	1	33.3	.	.	.	.	1	33.3	1	33.3	.	.
		1-4	172	21	12.2	1	4.8	1	4.8	4	19.0	.	.	4	19.0	9	42.9	2	9.5
		5-9	79	22	27.8	7	31.8	6	27.3	3	13.6	.	.	2	9.1	4	18.2	.	.
		10-14	82	17	20.7	6	35.3	5	29.4	1	5.9	.	.	2	11.8	3	17.6	.	.
		15-20	83	24	28.9	6	25.0	5	20.8	4	16.7	3	12.5	1	4.2	5	20.8	.	.
	Treatment	Surgery only	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	269	36	13.4	8	22.2	4	11.1	6	16.7	.	.	6	16.7	12	33.3	.	.
		Chemotherapy and radiation	146	37	25.3	10	27.0	10	27.0	4	10.8	1	2.7	3	8.1	7	18.9	2	5.4
		Unknown	40	14	35.0	2	14.3	4	28.6	2	14.3	2	14.3	1	7.1	3	21.4	.	.
Females	**All cases**		**474**	**75**	**15.8**	**10**	**13.3**	**16**	**21.3**	**12**	**16.0**	**4**	**5.3**	**7**	**9.3**	**18**	**24.0**	**8**	**10.7**
	Age at baseline	<18	105	16	15.2	4	25.0	4	25.0	1	6.3	1	6.3	.	.	4	25.0	2	12.5
		18-19	44	7	15.9	1	14.3	1	14.3	2	28.6	.	.	1	14.3	2	28.6	.	.
		20-24	104	12	11.5	3	25.0	2	16.7	1	8.3	2	16.7	.	.	2	16.7	2	16.7

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death											
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		25-29	111	22	19.8	2	9.1	3	13.6	6	27.3	1	4.5	4	18.2	3	13.6	3	13.6
		30-34	69	10	14.5	.	.	3	30.0	1	10.0	.	.	1	10.0	4	40.0	1	10.0
		35+	41	8	19.5	.	.	3	37.5	1	12.5	.	.	1	12.5	3	37.5	.	.
	Years since diagnosis	5-9	35	9	25.7	6	66.7	.	.	.	.	.	.	.	.	2	22.2	1	11.1
		10-14	160	24	15.0	4	16.7	5	20.8	4	16.7	1	4.2	3	12.5	5	20.8	2	8.3
		15-19	174	28	16.1	.	.	7	25.0	5	17.9	2	7.1	3	10.7	6	21.4	5	17.9
		20+	105	14	13.3	.	.	4	28.6	3	21.4	1	7.1	1	7.1	5	35.7	.	.
	Age at diagnosis	<1	53	2	3.8	.	.	1	50.0	.	.	.	.	.	.	1	50.0	.	.
		1-4	143	21	14.7	3	14.3	4	19.0	6	28.6	3	14.3	.	.	2	9.5	3	14.3
		5-9	93	14	15.1	.	.	2	14.3	.	.	1	7.1	3	21.4	7	50.0	1	7.1
		10-14	117	24	20.5	6	25.0	5	20.8	4	16.7	.	.	2	8.3	5	20.8	2	8.3
		15-20	68	14	20.6	1	7.1	4	28.6	2	14.3	.	.	2	14.3	3	21.4	2	14.3
	Treatment	Surgery only	2	1	50.0	.	.	.	.	.	.	.	.	.	.	.	.	1	100.0
		Chemotherapy, no radiation	289	32	11.1	7	21.9	7	21.9	4	12.5	1	3.1	4	12.5	5	15.6	4	12.5
		Chemotherapy and radiation	150	33	22.0	1	3.0	7	21.2	6	18.2	3	9.1	2	6.1	12	36.4	2	6.1
		Unknown	33	9	27.3	2	22.2	2	22.2	2	22.2	.	.	1	11.1	1	11.1	1	11.1

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	**All cases**		**4499**	**1123**	**25.0**	**356**	**31.7**	**203**	**18.1**	**37**	**3.3**	**41**	**3.7**	**77**	**6.9**	**356**	**31.7**	**53**	**4.7**
	Age at baseline	<18	954	329	34.5	156	47.4	28	8.5	1	0.3	6	1.8	17	5.2	108	32.8	13	4.0
		18-19	376	82	21.8	38	46.3	18	22.0	1	1.2	1	1.2	4	4.9	18	22.0	2	2.4
		20-24	1182	252	21.3	74	29.4	60	23.8	7	2.8	7	2.8	17	6.7	75	29.8	12	4.8
		25-29	1086	236	21.7	52	22.0	46	19.5	18	7.6	13	5.5	19	8.1	75	31.8	13	5.5
		30-34	625	152	24.3	27	17.8	37	24.3	7	4.6	9	5.9	14	9.2	49	32.2	9	5.9
		35+	276	72	26.1	9	12.5	14	19.4	3	4.2	5	6.9	6	8.3	31	43.1	4	5.6
	Years since diagnosis	5-9	465	279	60.0	157	56.3	20	7.2	2	0.7	2	0.7	11	3.9	78	28.0	9	3.2
		10-14	1540	343	22.3	120	35.0	69	20.1	8	2.3	13	3.8	26	7.6	89	25.9	18	5.2
		15-19	1416	282	19.9	50	17.7	71	25.2	13	4.6	14	5.0	26	9.2	92	32.6	16	5.7
		20+	1078	219	20.3	29	13.2	43	19.6	14	6.4	12	5.5	14	6.4	97	44.3	10	4.6
	Age at diagnosis	<1	220	45	20.5	18	40.0	6	13.3	.	.	1	2.2	.	.	19	42.2	1	2.2
		1-4	1323	306	23.1	103	33.7	46	15.0	9	2.9	8	2.6	16	5.2	108	35.3	16	5.2
		5-9	1407	333	23.7	105	31.5	62	18.6	10	3.0	9	2.7	29	8.7	102	30.6	16	4.8
		10-14	1069	282	26.4	79	28.0	62	22.0	13	4.6	12	4.3	18	6.4	85	30.1	13	4.6
		15-20	480	157	32.7	51	32.5	27	17.2	5	3.2	11	7.0	14	8.9	42	26.8	7	4.5
	Treatment	Surgery only	1275	118	9.3	24	20.3	20	16.9	7	5.9	4	3.4	16	13.6	36	30.5	11	9.3
		Chemotherapy, no radiation	355	35	9.9	15	42.9	5	14.3	.	.	1	2.9	3	8.6	11	31.4	.	.
		Radiation, no chemotherapy	1170	398	34.0	112	28.1	71	17.8	12	3.0	17	4.3	35	8.8	133	33.4	18	4.5
		Chemotherapy and radiation	1257	443	35.2	165	37.2	85	19.2	13	2.9	12	2.7	16	3.6	133	30.0	19	4.3
		Unknown	442	129	29.2	40	31.0	22	17.1	5	3.9	7	5.4	7	5.4	43	33.3	5	3.9
Males	**All cases**		**2456**	**680**	**27.7**	**215**	**31.6**	**106**	**15.6**	**27**	**4.0**	**25**	**3.7**	**57**	**8.4**	**216**	**31.8**	**34**	**5.0**
	Age at baseline	<18	530	195	36.8	94	48.2	14	7.2	1	0.5	4	2.1	12	6.2	64	32.8	6	3.1
		18-19	191	47	24.6	24	51.1	9	19.1	.	.	.	.	3	6.4	11	23.4	.	.
		20-24	634	156	24.6	47	30.1	31	19.9	3	1.9	5	3.2	14	9.0	47	30.1	9	5.8
		25-29	619	152	24.6	30	19.7	30	19.7	16	10.5	7	4.6	16	10.5	44	28.9	9	5.9
		30-34	333	88	26.4	17	19.3	15	17.0	6	6.8	5	5.7	7	8.0	30	34.1	8	9.1
		35+	149	42	28.2	3	7.1	7	16.7	1	2.4	4	9.5	5	11.9	20	47.6	2	4.8
	Years since diagnosis	5-9	265	169	63.8	93	55.0	11	6.5	1	0.6	1	0.6	9	5.3	50	29.6	4	2.4
		10-14	832	217	26.1	78	35.9	39	18.0	6	2.8	9	4.1	20	9.2	54	24.9	11	5.1
		15-19	772	171	22.2	29	17.0	33	19.3	11	6.4	7	4.1	19	11.1	59	34.5	13	7.6
		20+	587	123	21.0	15	12.2	23	18.7	9	7.3	8	6.5	9	7.3	53	43.1	6	4.9
	Age at diagnosis	<1	129	25	19.4	12	48.0	1	4.0	.	.	1	4.0	.	.	10	40.0	1	4.0
		1-4	699	177	25.3	62	35.0	25	14.1	5	2.8	4	2.3	13	7.3	61	34.5	7	4.0
		5-9	786	212	27.0	62	29.2	34	16.0	9	4.2	6	2.8	20	9.4	70	33.0	11	5.2
		10-14	571	172	30.1	50	29.1	35	20.3	10	5.8	5	2.9	11	6.4	51	29.7	10	5.8
		15-20	271	94	34.7	29	30.9	11	11.7	3	3.2	9	9.6	13	13.8	24	25.5	5	5.3
	Treatment	Surgery only	650	74	11.4	14	18.9	11	14.9	7	9.5	1	1.4	12	16.2	22	29.7	7	9.5
		Chemotherapy, no radiation	191	21	11.0	10	47.6	3	14.3	.	.	.	.	3	14.3	5	23.8	.	.
		Radiation, no chemotherapy	616	239	38.8	74	31.0	36	15.1	6	2.5	13	5.4	25	10.5	74	31.0	11	4.6
		Chemotherapy and radiation	745	263	35.3	95	36.1	44	16.7	10	3.8	9	3.4	11	4.2	81	30.8	13	4.9
		Unknown	254	83	32.7	22	26.5	12	14.5	4	4.8	2	2.4	6	7.2	34	41.0	3	3.6
Females	**All cases**		**2043**	**443**	**21.7**	**141**	**31.8**	**97**	**21.9**	**10**	**2.3**	**16**	**3.6**	**20**	**4.5**	**140**	**31.6**	**19**	**4.3**

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death											
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Age at baseline	<18	424	134	31.6	62	46.3	14	10.4	.	.	2	1.5	5	3.7	44	32.8	7	5.2
		18-19	185	35	18.9	14	40.0	9	25.7	1	2.9	1	2.9	1	2.9	7	20.0	2	5.7
		20-24	548	96	17.5	27	28.1	29	30.2	4	4.2	2	2.1	3	3.1	28	29.2	3	3.1
		25-29	467	84	18.0	22	26.2	16	19.0	2	2.4	6	7.1	3	3.6	31	36.9	4	4.8
		30-34	292	64	21.9	10	15.6	22	34.4	1	1.6	4	6.3	7	10.9	19	29.7	1	1.6
		35+	127	30	23.6	6	20.0	7	23.3	2	6.7	1	3.3	1	3.3	11	36.7	2	6.7
	Years since diagnosis	5-9	200	110	55.0	64	58.2	9	8.2	1	0.9	1	0.9	2	1.8	28	25.5	5	4.5
		10-14	708	126	17.8	42	33.3	30	23.8	2	1.6	4	3.2	6	4.8	35	27.8	7	5.6
		15-19	644	111	17.2	21	18.9	38	34.2	2	1.8	7	6.3	7	6.3	33	29.7	3	2.7
		20+	491	96	19.6	14	14.6	20	20.8	5	5.2	4	4.2	5	5.2	44	45.8	4	4.2
	Age at diagnosis	<1	91	20	22.0	6	30.0	5	25.0	.	.	.	.	.	.	9	45.0	.	.
		1-4	624	129	20.7	41	31.8	21	16.3	4	3.1	4	3.1	3	2.3	47	36.4	9	7.0
		5-9	621	121	19.5	43	35.5	28	23.1	1	0.8	3	2.5	9	7.4	32	26.4	5	4.1
		10-14	498	110	22.1	29	26.4	27	24.5	3	2.7	7	6.4	7	6.4	34	30.9	3	2.7
		15-20	209	63	30.1	22	34.9	16	25.4	2	3.2	2	3.2	1	1.6	18	28.6	2	3.2
	Treatment	Surgery only	625	44	7.0	10	22.7	9	20.5	.	.	3	6.8	4	9.1	14	31.8	4	9.1
		Chemotherapy, no radiation	164	14	8.5	5	35.7	2	14.3	.	.	1	7.1	.	.	6	42.9	.	.
		Radiation, no chemotherapy	554	159	28.7	38	23.9	35	22.0	6	3.8	4	2.5	10	6.3	59	37.1	7	4.4
		Chemotherapy and radiation	512	180	35.2	70	38.9	41	22.8	3	1.7	3	1.7	5	2.8	52	28.9	6	3.3
		Unknown	188	46	24.5	18	39.1	10	21.7	1	2.2	5	10.9	1	2.2	9	19.6	2	4.3

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	**All cases**		**2695**	**613**	**22.7**	**193**	**31.5**	**108**	**17.6**	**23**	**3.8**	**24**	**3.9**	**49**	**8.0**	**188**	**30.7**	**28**	**4.6**
	Age at baseline	<18	529	168	31.8	81	48.2	11	6.5	1	0.6	3	1.8	10	6.0	51	30.4	11	6.5
		18-19	215	42	19.5	17	40.5	11	26.2	1	2.4	1	2.4	2	4.8	9	21.4	1	2.4
		20-24	715	136	19.0	41	30.1	31	22.8	4	2.9	5	3.7	10	7.4	39	28.7	6	4.4
		25-29	665	137	20.6	33	24.1	24	17.5	12	8.8	8	5.8	14	10.2	41	29.9	5	3.6
		30-34	387	89	23.0	15	16.9	23	25.8	3	3.4	5	5.6	9	10.1	31	34.8	3	3.4
		35+	184	41	22.3	6	14.6	8	19.5	2	4.9	2	4.9	4	9.8	17	41.5	2	4.9
	Years since diagnosis	5-9	239	131	54.8	75	57.3	8	6.1	1	0.8	2	1.5	4	3.1	34	26.0	7	5.3
		10-14	906	189	20.9	70	37.0	33	17.5	5	2.6	8	4.2	20	10.6	42	22.2	11	5.8
		15-19	831	155	18.7	29	18.7	38	24.5	7	4.5	8	5.2	16	10.3	51	32.9	6	3.9
		20+	719	138	19.2	19	13.8	29	21.0	10	7.2	6	4.3	9	6.5	61	44.2	4	2.9
	Age at diagnosis	<1	152	38	25.0	14	36.8	6	15.8	.	.	1	2.6	.	.	16	42.1	1	2.6
		1-4	802	164	20.4	59	36.0	19	11.6	7	4.3	4	2.4	11	6.7	53	32.3	11	6.7
		5-9	794	176	22.2	49	27.8	40	22.7	5	2.8	7	4.0	16	9.1	51	29.0	8	4.5
		10-14	642	147	22.9	40	27.2	29	19.7	9	6.1	5	3.4	13	8.8	46	31.3	5	3.4
		15-20	305	88	28.9	31	35.2	14	15.9	2	2.3	7	8.0	9	10.2	22	25.0	3	3.4
	Treatment	Surgery only	1049	88	8.4	19	21.6	15	17.0	4	4.5	2	2.3	15	17.0	24	27.3	9	10.2
		Chemotherapy, no radiation	255	28	11.0	12	42.9	5	17.9	.	.	.	.	3	10.7	8	28.6	.	.
		Radiation, no chemotherapy	730	269	36.8	80	29.7	47	17.5	9	3.3	10	3.7	25	9.3	90	33.5	8	3.0
		Chemotherapy and radiation	375	154	41.1	61	39.6	29	18.8	8	5.2	7	4.5	3	1.9	39	25.3	7	4.5
		Unknown	286	74	25.9	21	28.4	12	16.2	2	2.7	5	6.8	3	4.1	27	36.5	4	5.4
Males	**All cases**		**1410**	**360**	**25.5**	**115**	**31.9**	**51**	**14.2**	**14**	**3.9**	**14**	**3.9**	**39**	**10.8**	**109**	**30.3**	**18**	**5.0**
	Age at baseline	<18	280	100	35.7	50	50.0	5	5.0	1	1.0	3	3.0	8	8.0	27	27.0	6	6.0
		18-19	109	25	22.9	11	44.0	5	20.0	.	.	.	.	2	8.0	7	28.0	.	.
		20-24	355	74	20.8	25	33.8	13	17.6	1	1.4	3	4.1	8	10.8	20	27.0	4	5.4
		25-29	372	91	24.5	18	19.8	16	17.6	10	11.0	3	3.3	12	13.2	28	30.8	4	4.4
		30-34	196	48	24.5	8	16.7	9	18.8	2	4.2	3	6.3	6	12.5	17	35.4	3	6.3
		35+	98	22	22.4	3	13.6	3	13.6	.	.	2	9.1	3	13.6	10	45.5	1	4.5
	Years since diagnosis	5-9	127	73	57.5	42	57.5	4	5.5	.	.	1	1.4	4	5.5	19	26.0	3	4.1
		10-14	479	126	26.3	45	35.7	20	15.9	3	2.4	6	4.8	16	12.7	29	23.0	7	5.6
		15-19	422	88	20.9	19	21.6	13	14.8	6	6.8	3	3.4	12	13.6	30	34.1	5	5.7
		20+	382	73	19.1	9	12.3	14	19.2	5	6.8	4	5.5	7	9.6	31	42.5	3	4.1
	Age at diagnosis	<1	87	21	24.1	10	47.6	1	4.8	.	.	1	4.8	.	.	8	38.1	1	4.8
		1-4	404	94	23.3	37	39.4	7	7.4	4	4.3	2	2.1	10	10.6	28	29.8	6	6.4
		5-9	422	109	25.8	28	25.7	22	20.2	4	3.7	4	3.7	12	11.0	33	30.3	6	5.5
		10-14	329	86	26.1	24	27.9	15	17.4	6	7.0	2	2.3	8	9.3	28	32.6	3	3.5
		15-20	168	50	29.8	16	32.0	6	12.0	.	.	5	10.0	9	18.0	12	24.0	2	4.0
	Treatment	Surgery only	525	56	10.7	11	19.6	8	14.3	4	7.1	.	.	11	19.6	16	28.6	6	10.7
		Chemotherapy, no radiation	142	18	12.7	9	50.0	3	16.7	.	.	.	.	3	16.7	3	16.7	.	.
		Radiation, no chemotherapy	371	154	41.5	51	33.1	21	13.6	3	1.9	8	5.2	20	13.0	46	29.9	5	3.2
		Chemotherapy and radiation	213	89	41.8	34	38.2	13	14.6	6	6.7	5	5.6	2	2.2	24	27.0	5	5.6
		Unknown	159	43	27.0	10	23.3	6	14.0	1	2.3	1	2.3	3	7.0	20	46.5	2	4.7
Females	**All cases**		**1285**	**253**	**19.7**	**78**	**30.8**	**57**	**22.5**	**9**	**3.6**	**10**	**4.0**	**10**	**4.0**	**79**	**31.2**	**10**	**4.0**

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death											
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Age at baseline	<18	249	68	27.3	31	45.6	6	8.8	.	.	.	.	2	2.9	24	35.3	5	7.4
		18-19	106	17	16.0	6	35.3	6	35.3	1	5.9	1	5.9	.	.	2	11.8	1	5.9
		20-24	360	62	17.2	16	25.8	18	29.0	3	4.8	2	3.2	2	3.2	19	30.6	2	3.2
		25-29	293	46	15.7	15	32.6	8	17.4	2	4.3	5	10.9	2	4.3	13	28.3	1	2.2
		30-34	191	41	21.5	7	17.1	14	34.1	1	2.4	2	4.9	3	7.3	14	34.1	.	.
		35+	86	19	22.1	3	15.8	5	26.3	2	10.5	.	.	1	5.3	7	36.8	1	5.3
	Years since diagnosis	5-9	112	58	51.8	33	56.9	4	6.9	1	1.7	1	1.7	.	.	15	25.9	4	6.9
		10-14	427	63	14.8	25	39.7	13	20.6	2	3.2	2	3.2	4	6.3	13	20.6	4	6.3
		15-19	409	67	16.4	10	14.9	25	37.3	1	1.5	5	7.5	4	6.0	21	31.3	1	1.5
		20+	337	65	19.3	10	15.4	15	23.1	5	7.7	2	3.1	2	3.1	30	46.2	1	1.5
	Age at diagnosis	<1	65	17	26.2	4	23.5	5	29.4	.	.	.	.	.	.	8	47.1	.	.
		1-4	398	70	17.6	22	31.4	12	17.1	3	4.3	2	2.9	1	1.4	25	35.7	5	7.1
		5-9	372	67	18.0	21	31.3	18	26.9	1	1.5	3	4.5	4	6.0	18	26.9	2	3.0
		10-14	313	61	19.5	16	26.2	14	23.0	3	4.9	3	4.9	5	8.2	18	29.5	2	3.3
		15-20	137	38	27.7	15	39.5	8	21.1	2	5.3	2	5.3	.	.	10	26.3	1	2.6
	Treatment	Surgery only	524	32	6.1	8	25.0	7	21.9	.	.	2	6.3	4	12.5	8	25.0	3	9.4
		Chemotherapy, no radiation	113	10	8.8	3	30.0	2	20.0	.	.	.	.	.	.	5	50.0	.	.
		Radiation, no chemotherapy	359	115	32.0	29	25.2	26	22.6	6	5.2	2	1.7	5	4.3	44	38.3	3	2.6
		Chemotherapy and radiation	162	65	40.1	27	41.5	16	24.6	2	3.1	2	3.1	1	1.5	15	23.1	2	3.1
		Unknown	127	31	24.4	11	35.5	6	19.4	1	3.2	4	12.9	.	.	7	22.6	2	6.5

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	**All cases**		**1040**	**312**	**30.0**	**107**	**34.3**	**67**	**21.5**	**4**	**1.3**	**8**	**2.6**	**13**	**4.2**	**95**	**30.4**	**18**	**5.8**
	Age at baseline	<18	246	106	43.1	55	51.9	11	10.4	.	.	2	1.9	5	4.7	33	31.1	.	.
		18-19	82	19	23.2	11	57.9	5	26.3	.	.	.	.	.	.	3	15.8	.	.
		20-24	292	76	26.0	22	28.9	21	27.6	.	.	1	1.3	4	5.3	23	30.3	5	6.6
		25-29	252	59	23.4	11	18.6	16	27.1	2	3.4	3	5.1	3	5.1	18	30.5	6	10.2
		30-34	131	38	29.0	7	18.4	11	28.9	1	2.6	.	.	1	2.6	13	34.2	5	13.2
		35+	37	14	37.8	1	7.1	3	21.4	1	7.1	2	14.3	.	.	5	35.7	2	14.3
	Years since diagnosis	5-9	124	91	73.4	58	63.7	7	7.7	.	.	.	.	3	3.3	22	24.2	1	1.1
		10-14	355	83	23.4	29	34.9	22	26.5	.	.	2	2.4	4	4.8	23	27.7	3	3.6
		15-19	344	86	25.0	14	16.3	26	30.2	2	2.3	3	3.5	6	7.0	26	30.2	9	10.5
		20+	217	52	24.0	6	11.5	12	23.1	2	3.8	3	5.8	.	.	24	46.2	5	9.6
	Age at diagnosis	<1	28	4	14.3	1	25.0	.	.	.	.	.	.	.	.	3	75.0	.	.
		1-4	298	84	28.2	24	28.6	20	23.8	.	.	3	3.6	3	3.6	33	39.3	1	1.2
		5-9	422	117	27.7	46	39.3	18	15.4	4	3.4	1	0.9	7	6.0	34	29.1	7	6.0
		10-14	230	78	33.9	27	34.6	23	29.5	.	.	3	3.8	2	2.6	17	21.8	6	7.7
		15-20	62	29	46.8	9	31.0	6	20.7	.	.	1	3.4	1	3.4	8	27.6	4	13.8
	Treatment	Surgery only	8	4	50.0	1	25.0	1	25.0	.	.	.	.	.	.	1	25.0	1	25.0
		Chemotherapy, no radiation	53	4	7.5	1	25.0	.	.	.	.	1	25.0	.	.	2	50.0	.	.
		Radiation, no chemotherapy	208	60	28.8	17	28.3	12	20.0	1	1.7	2	3.3	1	1.7	20	33.3	7	11.7
		Chemotherapy and radiation	694	222	32.0	77	34.7	50	22.5	2	0.9	5	2.3	12	5.4	67	30.2	9	4.1
		Unknown	77	22	28.6	11	50.0	4	18.2	1	4.5	.	.	.	.	5	22.7	1	4.5
Males	**All cases**		**631**	**203**	**32.2**	**70**	**34.5**	**40**	**19.7**	**4**	**2.0**	**5**	**2.5**	**9**	**4.4**	**62**	**30.5**	**13**	**6.4**
	Age at baseline	<18	147	64	43.5	34	53.1	7	10.9	.	.	1	1.6	3	4.7	19	29.7	.	.
		18-19	47	16	34.0	9	56.3	4	25.0	.	.	.	.	.	.	3	18.8	.	.
		20-24	185	54	29.2	15	27.8	13	24.1	.	.	1	1.9	4	7.4	17	31.5	4	7.4
		25-29	157	36	22.9	7	19.4	10	27.8	2	5.6	2	5.6	2	5.6	9	25.0	4	11.1
		30-34	73	25	34.2	5	20.0	5	20.0	1	4.0	.	.	.	.	10	40.0	4	16.0
		35+	22	8	36.4	.	.	1	12.5	1	12.5	1	12.5	.	.	4	50.0	1	12.5
	Years since diagnosis	5-9	76	57	75.0	36	63.2	6	10.5	.	.	.	.	2	3.5	12	21.1	1	1.8
		10-14	208	54	26.0	24	44.4	11	20.4	.	.	1	1.9	2	3.7	14	25.9	2	3.7
		15-19	217	58	26.7	5	8.6	16	27.6	2	3.4	2	3.4	5	8.6	21	36.2	7	12.1
		20+	130	34	26.2	5	14.7	7	20.6	2	5.9	2	5.9	.	.	15	44.1	3	8.8
	Age at diagnosis	<1	16	3	18.8	1	33.3	.	.	.	.	.	.	.	.	2	66.7	.	.
		1-4	180	54	30.0	13	24.1	15	27.8	.	.	2	3.7	3	5.6	20	37.0	1	1.9
		5-9	266	82	30.8	31	37.8	11	13.4	4	4.9	1	1.2	5	6.1	26	31.7	4	4.9
		10-14	132	48	36.4	20	41.7	12	25.0	.	.	1	2.1	1	2.1	9	18.8	5	10.4
		15-20	37	16	43.2	5	31.3	2	12.5	.	.	1	6.3	.	.	5	31.3	3	18.8
	Treatment	Surgery only	5	4	80.0	1	25.0	1	25.0	.	.	.	.	.	.	1	25.0	1	25.0
		Chemotherapy, no radiation	27	1	3.7	.	.	.	.	.	.	.	.	.	.	1	100.0	.	.
		Radiation, no chemotherapy	116	38	32.8	12	31.6	6	15.8	1	2.6	1	2.6	1	2.6	13	34.2	4	10.5
		Chemotherapy and radiation	436	143	32.8	49	34.3	30	21.0	2	1.4	4	2.8	8	5.6	43	30.1	7	4.9
		Unknown	47	17	36.2	8	47.1	3	17.6	1	5.9	.	.	.	.	4	23.5	1	5.9
Females	**All cases**		**409**	**109**	**26.7**	**37**	**33.9**	**27**	**24.8**	**.**	**.**	**3**	**2.8**	**4**	**3.7**	**33**	**30.3**	**5**	**4.6**

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death											
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Age at baseline	<18	99	42	42.4	21	50.0	4	9.5	.	.	1	2.4	2	4.8	14	33.3	.	.
		18-19	35	3	8.6	2	66.7	1	33.3	.	.	.	.	.	.	.	.	.	.
		20-24	107	22	20.6	7	31.8	8	36.4	.	.	.	.	.	.	6	27.3	1	4.5
		25-29	95	23	24.2	4	17.4	6	26.1	.	.	1	4.3	1	4.3	9	39.1	2	8.7
		30-34	58	13	22.4	2	15.4	6	46.2	.	.	.	.	1	7.7	3	23.1	1	7.7
		35+	15	6	40.0	1	16.7	2	33.3	.	.	1	16.7	.	.	1	16.7	1	16.7
	Years since diagnosis	5-9	48	34	70.8	22	64.7	1	2.9	.	.	.	.	1	2.9	10	29.4	.	.
		10-14	147	29	19.7	5	17.2	11	37.9	.	.	1	3.4	2	6.9	9	31.0	1	3.4
		15-19	127	28	22.0	9	32.1	10	35.7	.	.	1	3.6	1	3.6	5	17.9	2	7.1
		20+	87	18	20.7	1	5.6	5	27.8	.	.	1	5.6	.	.	9	50.0	2	11.1
	Age at diagnosis	<1	12	1	8.3	.	.	.	.	.	.	.	.	.	.	1	100.0	.	.
		1-4	118	30	25.4	11	36.7	5	16.7	.	.	1	3.3	.	.	13	43.3	.	.
		5-9	156	35	22.4	15	42.9	7	20.0	.	.	.	.	2	5.7	8	22.9	3	8.6
		10-14	98	30	30.6	7	23.3	11	36.7	.	.	2	6.7	1	3.3	8	26.7	1	3.3
		15-20	25	13	52.0	4	30.8	4	30.8	.	.	.	.	1	7.7	3	23.1	1	7.7
	Treatment	Surgery only	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	26	3	11.5	1	33.3	.	.	.	.	1	33.3	.	.	1	33.3	.	.
		Radiation, no chemotherapy	92	22	23.9	5	22.7	6	27.3	.	.	1	4.5	.	.	7	31.8	3	13.6
		Chemotherapy and radiation	258	79	30.6	28	35.4	20	25.3	.	.	1	1.3	4	5.1	24	30.4	2	2.5
		Unknown	30	5	16.7	3	60.0	1	20.0	.	.	.	.	.	.	1	20.0	.	.

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	**All cases**		**3111**	**1022**	**32.9**	**143**	**14.0**	**343**	**33.6**	**227**	**22.2**	**54**	**5.3**	**57**	**5.6**	**157**	**15.4**	**41**	**4.0**
	Age at baseline	<18	61	20	32.8	6	30.0	5	25.0	1	5.0	.	.	4	20.0	4	20.0	.	.
		18-19	61	13	21.3	4	30.8	5	38.5	.	.	.	.	2	15.4	2	15.4	.	.
		20-24	375	103	27.5	30	29.1	25	24.3	14	13.6	2	1.9	9	8.7	16	15.5	7	6.8
		25-29	798	206	25.8	52	25.2	50	24.3	45	21.8	15	7.3	15	7.3	22	10.7	7	3.4
		30-34	951	309	32.5	26	8.4	115	37.2	72	23.3	11	3.6	15	4.9	52	16.8	18	5.8
		35+	865	371	42.9	25	6.7	143	38.5	95	25.6	26	7.0	12	3.2	61	16.4	9	2.4
	Years since diagnosis	5-9	242	128	52.9	63	49.2	25	19.5	8	6.3	3	2.3	9	7.0	17	13.3	3	2.3
		10-14	946	224	23.7	31	13.8	72	32.1	49	21.9	11	4.9	15	6.7	32	14.3	14	6.3
		15-19	1008	293	29.1	27	9.2	108	36.9	78	26.6	12	4.1	18	6.1	40	13.7	10	3.4
		20+	915	377	41.2	22	5.8	138	36.6	92	24.4	28	7.4	15	4.0	68	18.0	14	3.7
	Age at diagnosis	1-4	82	13	15.9	.	.	7	53.8	2	15.4	.	.	2	15.4	1	7.7	1	7.7
		5-9	421	101	24.0	11	10.9	29	28.7	26	25.7	4	4.0	8	7.9	15	14.9	8	7.9
		10-14	1120	355	31.7	38	10.7	119	33.5	73	20.6	22	6.2	26	7.3	62	17.5	15	4.2
		15-20	1488	553	37.2	94	17.0	188	34.0	126	22.8	28	5.1	21	3.8	79	14.3	17	3.1
	Treatment	Surgery only	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	364	42	11.5	6	14.3	11	26.2	9	21.4	2	4.8	3	7.1	10	23.8	1	2.4
		Radiation, no chemotherapy	652	263	40.3	17	6.5	104	39.5	64	24.3	16	6.1	11	4.2	45	17.1	6	2.3
		Chemotherapy and radiation	1765	568	32.2	95	16.7	181	31.9	113	19.9	30	5.3	36	6.3	84	14.8	29	5.1
		Unknown	328	149	45.4	25	16.8	47	31.5	41	27.5	6	4.0	7	4.7	18	12.1	5	3.4
Males	**All cases**		**1634**	**540**	**33.0**	**93**	**17.2**	**161**	**29.8**	**129**	**23.9**	**25**	**4.6**	**40**	**7.4**	**76**	**14.1**	**16**	**3.0**
	Age at baseline	<18	46	16	34.8	4	25.0	3	18.8	1	6.3	.	.	4	25.0	4	25.0	.	.
		18-19	48	10	20.8	3	30.0	4	40.0	.	.	.	.	2	20.0	1	10.0	.	.
		20-24	239	69	28.9	20	29.0	17	24.6	8	11.6	1	1.4	8	11.6	11	15.9	4	5.8
		25-29	445	119	26.7	31	26.1	30	25.2	30	25.2	5	4.2	13	10.9	8	6.7	2	1.7
		30-34	482	166	34.4	22	13.3	51	30.7	47	28.3	7	4.2	9	5.4	24	14.5	6	3.6
		35+	374	160	42.8	13	8.1	56	35.0	43	26.9	12	7.5	4	2.5	28	17.5	4	2.5
	Years since diagnosis	5-9	138	79	57.2	41	51.9	10	12.7	7	8.9	1	1.3	9	11.4	10	12.7	1	1.3
		10-14	491	129	26.3	21	16.3	39	30.2	32	24.8	4	3.1	11	8.5	16	12.4	6	4.7
		15-19	537	147	27.4	19	12.9	46	31.3	44	29.9	6	4.1	13	8.8	15	10.2	4	2.7
		20+	468	185	39.5	12	6.5	66	35.7	46	24.9	14	7.6	7	3.8	35	18.9	5	2.7
	Age at diagnosis	1-4	62	11	17.7	.	.	7	63.6	1	9.1	.	.	2	18.2	1	9.1	.	.
		5-9	305	76	24.9	9	11.8	23	30.3	17	22.4	3	3.9	8	10.5	12	15.8	4	5.3
		10-14	581	177	30.5	22	12.4	56	31.6	37	20.9	9	5.1	17	9.6	30	16.9	6	3.4
		15-20	686	276	40.2	62	22.5	75	27.2	74	26.8	13	4.7	13	4.7	33	12.0	6	2.2
	Treatment	Surgery only	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	187	23	12.3	6	26.1	5	21.7	7	30.4	.	.	2	8.7	3	13.0	.	.
		Radiation, no chemotherapy	336	126	37.5	8	6.3	39	31.0	35	27.8	9	7.1	7	5.6	24	19.0	4	3.2
		Chemotherapy and radiation	915	299	32.7	62	20.7	92	30.8	59	19.7	13	4.3	26	8.7	37	12.4	10	3.3
		Unknown	194	92	47.4	17	18.5	25	27.2	28	30.4	3	3.3	5	5.4	12	13.0	2	2.2
Females	**All cases**		**1477**	**482**	**32.6**	**50**	**10.4**	**182**	**37.8**	**98**	**20.3**	**29**	**6.0**	**17**	**3.5**	**81**	**16.8**	**25**	**5.2**
	Age at baseline	<18	15	4	26.7	2	50.0	2	50.0	.	.	.	.	.	.	.	.	.	.
		18-19	13	3	23.1	1	33.3	1	33.3	.	.	.	.	.	.	1	33.3	.	.

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death											
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		20-24	136	34	25.0	10	29.4	8	23.5	6	17.6	1	2.9	1	2.9	5	14.7	3	8.8
		25-29	353	87	24.6	21	24.1	20	23.0	15	17.2	10	11.5	2	2.3	14	16.1	5	5.7
		30-34	469	143	30.5	4	2.8	64	44.8	25	17.5	4	2.8	6	4.2	28	19.6	12	8.4
		35+	491	211	43.0	12	5.7	87	41.2	52	24.6	14	6.6	8	3.8	33	15.6	5	2.4
	Years since diagnosis	5-9	104	49	47.1	22	44.9	15	30.6	1	2.0	2	4.1	.	.	7	14.3	2	4.1
		10-14	455	95	20.9	10	10.5	33	34.7	17	17.9	7	7.4	4	4.2	16	16.8	8	8.4
		15-19	471	146	31.0	8	5.5	62	42.5	34	23.3	6	4.1	5	3.4	25	17.1	6	4.1
		20+	447	192	43.0	10	5.2	72	37.5	46	24.0	14	7.3	8	4.2	33	17.2	9	4.7
	Age at diagnosis	1-4	20	2	10.0	.	.	.	.	1	50.0	.	.	.	.	.	.	1	50.0
		5-9	116	25	21.6	2	8.0	6	24.0	9	36.0	1	4.0	.	.	3	12.0	4	16.0
		10-14	539	178	33.0	16	9.0	63	35.4	36	20.2	13	7.3	9	5.1	32	18.0	9	5.1
		15-20	802	277	34.5	32	11.6	113	40.8	52	18.8	15	5.4	8	2.9	46	16.6	11	4.0
	Treatment	Chemotherapy, no radiation	177	19	10.7	.	.	6	31.6	2	10.5	2	10.5	1	5.3	7	36.8	1	5.3
		Radiation, no chemotherapy	316	137	43.4	9	6.6	65	47.4	29	21.2	7	5.1	4	2.9	21	15.3	2	1.5
		Chemotherapy and radiation	850	269	31.6	33	12.3	89	33.1	54	20.1	17	6.3	10	3.7	47	17.5	19	7.1
		Unknown	134	57	42.5	8	14.0	22	38.6	13	22.8	3	5.3	2	3.5	6	10.5	3	5.3

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	**All cases**		**2119**	**326**	**15.4**	**33**	**10.1**	**92**	**28.2**	**44**	**13.5**	**18**	**5.5**	**40**	**12.3**	**80**	**24.5**	**19**	**5.8**
	Age at baseline	<18	214	45	21.0	12	26.7	9	20.0	2	4.4	3	6.7	5	11.1	10	22.2	4	8.9
		18-19	132	18	13.6	5	27.8	5	27.8	1	5.6	1	5.6	1	5.6	4	22.2	1	5.6
		20-24	469	58	12.4	8	13.8	17	29.3	4	6.9	1	1.7	11	19.0	16	27.6	1	1.7
		25-29	572	80	14.0	4	5.0	20	25.0	16	20.0	3	3.8	10	12.5	22	27.5	5	6.3
		30-34	483	68	14.1	1	1.5	21	30.9	12	17.6	5	7.4	10	14.7	13	19.1	6	8.8
		35+	249	57	22.9	3	5.3	20	35.1	9	15.8	5	8.8	3	5.3	15	26.3	2	3.5
	Years since diagnosis	5-9	146	56	38.4	22	39.3	13	23.2	1	1.8	1	1.8	7	12.5	9	16.1	3	5.4
		10-14	671	72	10.7	6	8.3	23	31.9	9	12.5	2	2.8	9	12.5	20	27.8	3	4.2
		15-19	730	107	14.7	2	1.9	28	26.2	18	16.8	9	8.4	15	14.0	28	26.2	7	6.5
		20+	572	91	15.9	3	3.3	28	30.8	16	17.6	6	6.6	9	9.9	23	25.3	6	6.6
	Age at diagnosis	<1	15	4	26.7	.	.	1	25.0	.	.	.	.	.	.	2	50.0	1	25.0
		1-4	347	36	10.4	4	11.1	9	25.0	5	13.9	4	11.1	3	8.3	9	25.0	2	5.6
		5-9	650	91	14.0	10	11.0	21	23.1	10	11.0	3	3.3	16	17.6	24	26.4	7	7.7
		10-14	673	101	15.0	11	10.9	27	26.7	17	16.8	4	4.0	14	13.9	22	21.8	6	5.9
		15-20	434	94	21.7	8	8.5	34	36.2	12	12.8	7	7.4	7	7.4	23	24.5	3	3.2
	Treatment	Surgery only	16	3	18.8	.	.	1	33.3	.	.	1	33.3	.	.	.	.	1	33.3
		Chemotherapy, no radiation	1077	83	7.7	8	9.6	18	21.7	11	13.3	4	4.8	13	15.7	25	30.1	4	4.8
		Radiation, no chemotherapy	38	19	50.0	2	10.5	7	36.8	2	10.5	2	10.5	1	5.3	4	21.1	1	5.3
		Chemotherapy and radiation	767	174	22.7	20	11.5	56	32.2	19	10.9	11	6.3	19	10.9	39	22.4	10	5.7
		Unknown	221	47	21.3	3	6.4	10	21.3	12	25.5	.	.	7	14.9	12	25.5	3	6.4
Males	**All cases**		**1439**	**233**	**16.2**	**22**	**9.4**	**59**	**25.3**	**30**	**12.9**	**11**	**4.7**	**38**	**16.3**	**58**	**24.9**	**15**	**6.4**
	Age at baseline	<18	148	34	23.0	8	23.5	8	23.5	.	.	2	5.9	5	14.7	8	23.5	3	8.8
		18-19	97	11	11.3	2	18.2	3	27.3	1	9.1	.	.	1	9.1	3	27.3	1	9.1
		20-24	304	38	12.5	7	18.4	7	18.4	4	10.5	1	2.6	10	26.3	8	21.1	1	2.6
		25-29	407	60	14.7	2	3.3	15	25.0	11	18.3	3	5.0	10	16.7	15	25.0	4	6.7
		30-34	319	52	16.3	1	1.9	14	26.9	8	15.4	4	7.7	9	17.3	12	23.1	4	7.7
		35+	164	38	23.2	2	5.3	12	31.6	6	15.8	1	2.6	3	7.9	12	31.6	2	5.3
	Years since diagnosis	5-9	111	38	34.2	14	36.8	9	23.7	.	.	.	.	7	18.4	6	15.8	2	5.3
		10-14	456	51	11.2	4	7.8	16	31.4	4	7.8	2	3.9	8	15.7	15	29.4	2	3.9
		15-19	480	77	16.0	1	1.3	17	22.1	14	18.2	6	7.8	15	19.5	18	23.4	6	7.8
		20+	392	67	17.1	3	4.5	17	25.4	12	17.9	3	4.5	8	11.9	19	28.4	5	7.5
	Age at diagnosis	<1	5	2	40.0	.	.	1	50.0	.	.	.	.	.	.	1	50.0	.	.
		1-4	235	27	11.5	3	11.1	7	25.9	3	11.1	3	11.1	3	11.1	6	22.2	2	7.4
		5-9	452	65	14.4	7	10.8	11	16.9	9	13.8	2	3.1	15	23.1	15	23.1	6	9.2
		10-14	463	76	16.4	7	9.2	16	21.1	13	17.1	3	3.9	13	17.1	19	25.0	5	6.6
		15-20	284	63	22.2	5	7.9	24	38.1	5	7.9	3	4.8	7	11.1	17	27.0	2	3.2
	Treatment	Surgery only	13	2	15.4	.	.	1	50.0	.	.	1	50.0	.	.	.	.	.	.
		Chemotherapy, no radiation	728	67	9.2	7	10.4	12	17.9	8	11.9	3	4.5	13	19.4	20	29.9	4	6.0
		Radiation, no chemotherapy	28	15	53.6	1	6.7	6	40.0	2	13.3	.	.	1	6.7	4	26.7	1	6.7
		Chemotherapy and radiation	511	113	22.1	13	11.5	36	31.9	9	8.0	7	6.2	17	15.0	24	21.2	7	6.2
		Unknown	159	36	22.6	1	2.8	4	11.1	11	30.6	.	.	7	19.4	10	27.8	3	8.3
Females	**All cases**		**680**	**93**	**13.7**	**11**	**11.8**	**33**	**35.5**	**14**	**15.1**	**7**	**7.5**	**2**	**2.2**	**22**	**23.7**	**4**	**4.3**

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Age at baseline	<18	66	11	16.7	4	36.4	1	9.1	2	18.2	1	9.1	.	.	2	18.2	1	9.1
		18-19	35	7	20.0	3	42.9	2	28.6	.	.	1	14.3	.	.	1	14.3	.	.
		20-24	165	20	12.1	1	5.0	10	50.0	.	.	.	.	1	5.0	8	40.0	.	.
		25-29	165	20	12.1	2	10.0	5	25.0	5	25.0	.	.	.	.	7	35.0	1	5.0
		30-34	164	16	9.8	.	.	7	43.8	4	25.0	1	6.3	1	6.3	1	6.3	2	12.5
		35+	85	19	22.4	1	5.3	8	42.1	3	15.8	4	21.1	.	.	3	15.8	.	.
	Years since diagnosis	5-9	35	18	51.4	8	44.4	4	22.2	1	5.6	1	5.6	.	.	3	16.7	1	5.6
		10-14	215	21	9.8	2	9.5	7	33.3	5	23.8	.	.	1	4.8	5	23.8	1	4.8
		15-19	250	30	12.0	1	3.3	11	36.7	4	13.3	3	10.0	.	.	10	33.3	1	3.3
		20+	180	24	13.3	.	.	11	45.8	4	16.7	3	12.5	1	4.2	4	16.7	1	4.2
	Age at diagnosis	<1	10	2	20.0	.	.	.	.	.	.	.	.	.	.	1	50.0	1	50.0
		1-4	112	9	8.0	1	11.1	2	22.2	2	22.2	1	11.1	.	.	3	33.3	.	.
		5-9	198	26	13.1	3	11.5	10	38.5	1	3.8	1	3.8	1	3.8	9	34.6	1	3.8
		10-14	210	25	11.9	4	16.0	11	44.0	4	16.0	1	4.0	1	4.0	3	12.0	1	4.0
		15-20	150	31	20.7	3	9.7	10	32.3	7	22.6	4	12.9	.	.	6	19.4	1	3.2
	Treatment	Surgery only	3	1	33.3	.	.	.	.	.	.	.	.	.	.	.	.	1	100.0
		Chemotherapy, no radiation	349	16	4.6	1	6.3	6	37.5	3	18.8	1	6.3	.	.	5	31.3	.	.
		Radiation, no chemotherapy	10	4	40.0	1	25.0	1	25.0	.	.	2	50.0	.	.	.	.	.	.
		Chemotherapy and radiation	256	61	23.8	7	11.5	20	32.8	10	16.4	4	6.6	2	3.3	15	24.6	3	4.9
		Unknown	62	11	17.7	2	18.2	6	54.5	1	9.1	.	.	.	.	2	18.2	.	.

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	**All cases**		**2279**	**221**	**9.7**	**37**	**16.7**	**58**	**26.2**	**16**	**7.2**	**5**	**2.3**	**32**	**14.5**	**60**	**27.1**	**13**	**5.9**
	Age at baseline	<18	834	81	9.7	22	27.2	17	21.0	6	7.4	1	1.2	12	14.8	19	23.5	4	4.9
		18-19	305	17	5.6	3	17.6	.	.	.	.	.	.	8	47.1	4	23.5	2	11.8
		20-24	670	57	8.5	6	10.5	16	28.1	7	12.3	2	3.5	8	14.0	16	28.1	2	3.5
		25-29	374	56	15.0	6	10.7	21	37.5	3	5.4	1	1.8	4	7.1	17	30.4	4	7.1
		30-34	77	6	7.8	.	.	1	16.7	.	.	1	16.7	.	.	3	50.0	1	16.7
		35+	19	4	21.1	.	.	3	75.0	.	.	.	.	.	.	1	25.0	.	.
	Years since diagnosis	5-9	178	44	24.7	24	54.5	6	13.6	2	4.5	1	2.3	3	6.8	7	15.9	1	2.3
		10-14	739	50	6.8	5	10.0	13	26.0	3	6.0	.	.	12	24.0	14	28.0	3	6.0
		15-19	759	56	7.4	6	10.7	10	17.9	7	12.5	2	3.6	11	19.6	15	26.8	5	8.9
		20+	603	71	11.8	2	2.8	29	40.8	4	5.6	2	2.8	6	8.5	24	33.8	4	5.6
	Age at diagnosis	<1	331	22	6.6	6	27.3	2	9.1	2	9.1	.	.	3	13.6	9	40.9	.	.
		1-4	1397	130	9.3	13	10.0	39	30.0	10	7.7	3	2.3	24	18.5	32	24.6	9	6.9
		5-9	469	49	10.4	9	18.4	13	26.5	4	8.2	2	4.1	4	8.2	15	30.6	2	4.1
		10-14	59	13	22.0	5	38.5	3	23.1	.	.	.	.	1	7.7	2	15.4	2	15.4
		15-20	23	7	30.4	4	57.1	1	14.3	.	.	.	.	.	.	2	28.6	.	.
	Treatment	Surgery only	35	2	5.7	.	.	.	.	.	.	.	.	.	.	2	100.0	.	.
		Chemotherapy, no radiation	873	32	3.7	6	18.8	7	21.9	1	3.1	.	.	7	21.9	10	31.3	1	3.1
		Radiation, no chemotherapy	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	1157	154	13.3	30	19.5	46	29.9	10	6.5	5	3.2	18	11.7	36	23.4	9	5.8
		Unknown	210	33	15.7	1	3.0	5	15.2	5	15.2	.	.	7	21.2	12	36.4	3	9.1
Males	**All cases**		**1020**	**107**	**10.5**	**18**	**16.8**	**22**	**20.6**	**8**	**7.5**	**1**	**0.9**	**20**	**18.7**	**32**	**29.9**	**6**	**5.6**
	Age at baseline	<18	404	44	10.9	13	29.5	8	18.2	5	11.4	.	.	8	18.2	10	22.7	.	.
		18-19	126	9	7.1	.	.	.	.	.	.	.	.	5	55.6	3	33.3	1	11.1
		20-24	285	25	8.8	3	12.0	4	16.0	3	12.0	.	.	4	16.0	11	44.0	.	.
		25-29	165	26	15.8	2	7.7	10	38.5	.	.	.	.	3	11.5	7	26.9	4	15.4
		30-34	32	3	9.4	.	.	.	.	.	.	1	33.3	.	.	1	33.3	1	33.3
		35+	8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Years since diagnosis	5-9	80	23	28.8	13	56.5	4	17.4	2	8.7	.	.	2	8.7	2	8.7	.	.
		10-14	333	28	8.4	3	10.7	5	17.9	2	7.1	.	.	8	28.6	10	35.7	.	.
		15-19	334	23	6.9	1	4.3	3	13.0	3	13.0	.	.	6	26.1	7	30.4	3	13.0
		20+	273	33	12.1	1	3.0	10	30.3	1	3.0	1	3.0	4	12.1	13	39.4	3	9.1
	Age at diagnosis	<1	169	13	7.7	3	23.1	1	7.7	1	7.7	.	.	3	23.1	5	38.5	.	.
		1-4	628	58	9.2	5	8.6	14	24.1	5	8.6	.	.	13	22.4	18	31.0	3	5.2
		5-9	193	29	15.0	6	20.7	6	20.7	2	6.9	1	3.4	3	10.3	9	31.0	2	6.9
		10-14	21	5	23.8	2	40.0	1	20.0	.	.	.	.	1	20.0	.	.	1	20.0
		15-20	9	2	22.2	2	100.0	.	.	.	.	.	.	.	.	.	.	.	.
	Treatment	Surgery only	19	1	5.3	.	.	.	.	.	.	.	.	.	.	1	100.0	.	.
		Chemotherapy, no radiation	396	14	3.5	4	28.6	2	14.3	.	.	.	.	4	28.6	4	28.6	.	.
		Chemotherapy and radiation	500	72	14.4	14	19.4	18	25.0	5	6.9	1	1.4	10	13.9	20	27.8	4	5.6
		Unknown	105	20	19.0	.	.	2	10.0	3	15.0	.	.	6	30.0	7	35.0	2	10.0
Females	**All cases**		**1259**	**114**	**9.1**	**19**	**16.7**	**36**	**31.6**	**8**	**7.0**	**4**	**3.5**	**12**	**10.5**	**28**	**24.6**	**7**	**6.1**
	Age at baseline	<18	430	37	8.6	9	24.3	9	24.3	1	2.7	1	2.7	4	10.8	9	24.3	4	10.8
		18-19	179	8	4.5	3	37.5	.	.	.	.	.	.	3	37.5	1	12.5	1	12.5

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death											
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		20-24	385	32	8.3	3	9.4	12	37.5	4	12.5	2	6.3	4	12.5	5	15.6	2	6.3
		25-29	209	30	14.4	4	13.3	11	36.7	3	10.0	1	3.3	1	3.3	10	33.3	.	.
		30-34	45	3	6.7	.	.	1	33.3	.	.	.	.	.	.	2	66.7	.	.
		35+	11	4	36.4	.	.	3	75.0	.	.	.	.	.	.	1	25.0	.	.
	Years since diagnosis	5-9	98	21	21.4	11	52.4	2	9.5	.	.	1	4.8	1	4.8	5	23.8	1	4.8
		10-14	406	22	5.4	2	9.1	8	36.4	1	4.5	.	.	4	18.2	4	18.2	3	13.6
		15-19	425	33	7.8	5	15.2	7	21.2	4	12.1	2	6.1	5	15.2	8	24.2	2	6.1
		20+	330	38	11.5	1	2.6	19	50.0	3	7.9	1	2.6	2	5.3	11	28.9	1	2.6
	Age at diagnosis	<1	162	9	5.6	3	33.3	1	11.1	1	11.1	.	.	.	.	4	44.4	.	.
		1-4	769	72	9.4	8	11.1	25	34.7	5	6.9	3	4.2	11	15.3	14	19.4	6	8.3
		5-9	276	20	7.2	3	15.0	7	35.0	2	10.0	1	5.0	1	5.0	6	30.0	.	.
		10-14	38	8	21.1	3	37.5	2	25.0	.	.	.	.	.	.	2	25.0	1	12.5
		15-20	14	5	35.7	2	40.0	1	20.0	.	.	.	.	.	.	2	40.0	.	.
	Treatment	Surgery only	16	1	6.3	.	.	.	.	.	.	.	.	.	.	1	100.0	.	.
		Chemotherapy, no radiation	477	18	3.8	2	11.1	5	27.8	1	5.6	.	.	3	16.7	6	33.3	1	5.6
		Radiation, no chemotherapy	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	657	82	12.5	16	19.5	28	34.1	5	6.1	4	4.9	8	9.8	16	19.5	5	6.1
		Unknown	105	13	12.4	1	7.7	3	23.1	2	15.4	.	.	1	7.7	5	38.5	1	7.7

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	**All cases**		**1955**	**222**	**11.4**	**76**	**34.2**	**47**	**21.2**	**8**	**3.6**	**9**	**4.1**	**29**	**13.1**	**47**	**21.2**	**6**	**2.7**
	Age at baseline	<18	958	125	13.0	59	47.2	19	15.2	2	1.6	5	4.0	13	10.4	24	19.2	3	2.4
		18-19	237	18	7.6	2	11.1	5	27.8	1	5.6	.	.	4	22.2	5	27.8	1	5.6
		20-24	544	53	9.7	11	20.8	12	22.6	3	5.7	2	3.8	9	17.0	14	26.4	2	3.8
		25-29	172	19	11.0	2	10.5	9	47.4	2	10.5	1	5.3	1	5.3	4	21.1	.	.
		30-34	36	3	8.3	.	.	1	33.3	.	.	1	33.3	1	33.3	.	.	.	.
		35+	8	4	50.0	2	50.0	1	25.0	.	.	.	.	1	25.0	.	.	.	.
	Years since diagnosis	5-9	161	77	47.8	57	74.0	5	6.5	.	.	.	.	2	2.6	10	13.0	3	3.9
		10-14	610	52	8.5	12	23.1	15	28.8	1	1.9	5	9.6	9	17.3	10	19.2	.	.
		15-19	639	44	6.9	4	9.1	12	27.3	5	11.4	3	6.8	8	18.2	11	25.0	1	2.3
		20+	545	49	9.0	3	6.1	15	30.6	2	4.1	1	2.0	10	20.4	16	32.7	2	4.1
	Age at diagnosis	<1	993	58	5.8	6	10.3	11	19.0	1	1.7	1	1.7	18	31.0	18	31.0	3	5.2
		1-4	765	100	13.1	27	27.0	30	30.0	7	7.0	5	5.0	6	6.0	23	23.0	2	2.0
		5-9	148	46	31.1	30	65.2	3	6.5	.	.	2	4.3	4	8.7	6	13.0	1	2.2
		10-14	30	9	30.0	5	55.6	2	22.2	.	.	1	11.1	1	11.1	.	.	.	.
		15-20	19	9	47.4	8	88.9	1	11.1	.	.	.	.	.	.	.	.	.	.
	Treatment	Surgery only	548	17	3.1	2	11.8	1	5.9	2	11.8	1	5.9	7	41.2	4	23.5	.	.
		Chemotherapy, no radiation	562	34	6.0	8	23.5	5	14.7	1	2.9	1	2.9	9	26.5	9	26.5	1	2.9
		Radiation, no chemotherapy	139	15	10.8	2	13.3	7	46.7	.	.	.	.	2	13.3	3	20.0	1	6.7
		Chemotherapy and radiation	532	125	23.5	56	44.8	26	20.8	3	2.4	5	4.0	5	4.0	28	22.4	2	1.6
		Unknown	174	31	17.8	8	25.8	8	25.8	2	6.5	2	6.5	6	19.4	3	9.7	2	6.5
Males	**All cases**		**954**	**121**	**12.7**	**43**	**35.5**	**24**	**19.8**	**4**	**3.3**	**4**	**3.3**	**23**	**19.0**	**21**	**17.4**	**2**	**1.7**
	Age at baseline	<18	480	68	14.2	33	48.5	12	17.6	1	1.5	2	2.9	9	13.2	10	14.7	1	1.5
		18-19	104	10	9.6	1	10.0	2	20.0	1	10.0	.	.	4	40.0	2	20.0	.	.
		20-24	275	29	10.5	7	24.1	5	17.2	1	3.4	1	3.4	8	27.6	6	20.7	1	3.4
		25-29	78	9	11.5	1	11.1	4	44.4	1	11.1	.	.	.	.	3	33.3	.	.
		30-34	14	3	21.4	.	.	1	33.3	.	.	1	33.3	1	33.3	.	.	.	.
		35+	3	2	66.7	1	50.0	.	.	.	.	.	.	1	50.0	.	.	.	.
	Years since diagnosis	5-9	76	38	50.0	30	78.9	3	7.9	.	.	.	.	.	.	4	10.5	1	2.6
		10-14	304	30	9.9	8	26.7	7	23.3	1	3.3	3	10.0	7	23.3	4	13.3	.	.
		15-19	308	27	8.8	4	14.8	7	25.9	2	7.4	.	.	8	29.6	6	22.2	.	.
		20+	266	26	9.8	1	3.8	7	26.9	1	3.8	1	3.8	8	30.8	7	26.9	1	3.8
	Age at diagnosis	<1	516	37	7.2	3	8.1	8	21.6	1	2.7	1	2.7	14	37.8	9	24.3	1	2.7
		1-4	345	47	13.6	14	29.8	15	31.9	3	6.4	1	2.1	5	10.6	9	19.1	.	.
		5-9	74	30	40.5	20	66.7	1	3.3	.	.	2	6.7	3	10.0	3	10.0	1	3.3
		10-14	13	4	30.8	3	75.0	.	.	.	.	.	.	1	25.0	.	.	.	.
		15-20	6	3	50.0	3	100.0	.	.	.	.	.	.	.	.	.	.	.	.
	Treatment	Surgery only	263	10	3.8	1	10.0	.	.	1	10.0	1	10.0	6	60.0	1	10.0	.	.
		Chemotherapy, no radiation	279	16	5.7	5	31.3	1	6.3	.	.	1	6.3	7	43.8	2	12.5	.	.
		Radiation, no chemotherapy	63	7	11.1	1	14.3	2	28.6	.	.	.	.	2	28.6	2	28.6	.	.
		Chemotherapy and radiation	259	69	26.6	31	44.9	17	24.6	2	2.9	1	1.4	4	5.8	13	18.8	1	1.4
		Unknown	90	19	21.1	5	26.3	4	21.1	1	5.3	1	5.3	4	21.1	3	15.8	1	5.3
Females	**All cases**		**1001**	**101**	**10.1**	**33**	**32.7**	**23**	**22.8**	**4**	**4.0**	**5**	**5.0**	**6**	**5.9**	**26**	**25.7**	**4**	**4.0**

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Age at baseline	<18	478	57	11.9	26	45.6	7	12.3	1	1.8	3	5.3	4	7.0	14	24.6	2	3.5
		18-19	133	8	6.0	1	12.5	3	37.5	.	.	.	.	.	.	3	37.5	1	12.5
		20-24	269	24	8.9	4	16.7	7	29.2	2	8.3	1	4.2	1	4.2	8	33.3	1	4.2
		25-29	94	10	10.6	1	10.0	5	50.0	1	10.0	1	10.0	1	10.0	1	10.0	.	.
		30-34	22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		35+	5	2	40.0	1	50.0	1	50.0	.	.	.	.	.	.	.	.	.	.
	Years since diagnosis	5-9	85	39	45.9	27	69.2	2	5.1	.	.	.	.	2	5.1	6	15.4	2	5.1
		10-14	306	22	7.2	4	18.2	8	36.4	.	.	2	9.1	2	9.1	6	27.3	.	.
		15-19	331	17	5.1	.	.	5	29.4	3	17.6	3	17.6	.	.	5	29.4	1	5.9
		20+	279	23	8.2	2	8.7	8	34.8	1	4.3	.	.	2	8.7	9	39.1	1	4.3
	Age at diagnosis	<1	477	21	4.4	3	14.3	3	14.3	.	.	.	.	4	19.0	9	42.9	2	9.5
		1-4	420	53	12.6	13	24.5	15	28.3	4	7.5	4	7.5	1	1.9	14	26.4	2	3.8
		5-9	74	16	21.6	10	62.5	2	12.5	.	.	.	.	1	6.3	3	18.8	.	.
		10-14	17	5	29.4	2	40.0	2	40.0	.	.	1	20.0	.	.	.	.	.	.
		15-20	13	6	46.2	5	83.3	1	16.7	.	.	.	.	.	.	.	.	.	.
	Treatment	Surgery only	285	7	2.5	1	14.3	1	14.3	1	14.3	.	.	1	14.3	3	42.9	.	.
		Chemotherapy, no radiation	283	18	6.4	3	16.7	4	22.2	1	5.6	.	.	2	11.1	7	38.9	1	5.6
		Radiation, no chemotherapy	76	8	10.5	1	12.5	5	62.5	.	.	.	.	.	.	1	12.5	1	12.5
		Chemotherapy and radiation	273	56	20.5	25	44.6	9	16.1	1	1.8	4	7.1	1	1.8	15	26.8	1	1.8
		Unknown	84	12	14.3	3	25.0	4	33.3	1	8.3	1	8.3	2	16.7	.	.	1	8.3

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	**All cases**		**1761**	**370**	**21.0**	**91**	**24.6**	**113**	**30.5**	**22**	**5.9**	**7**	**1.9**	**29**	**7.8**	**84**	**22.7**	**24**	**6.5**
	Age at baseline	<18	342	83	24.3	22	26.5	26	31.3	7	8.4	.	.	6	7.2	16	19.3	6	7.2
		18-19	125	23	18.4	10	43.5	5	21.7	1	4.3	1	4.3	1	4.3	3	13.0	2	8.7
		20-24	425	92	21.6	31	33.7	22	23.9	4	4.3	2	2.2	9	9.8	19	20.7	5	5.4
		25-29	393	68	17.3	17	25.0	17	25.0	2	2.9	2	2.9	7	10.3	19	27.9	4	5.9
		30-34	299	57	19.1	7	12.3	21	36.8	5	8.8	1	1.8	3	5.3	17	29.8	3	5.3
		35+	177	47	26.6	4	8.5	22	46.8	3	6.4	1	2.1	3	6.4	10	21.3	4	8.5
	Years since diagnosis	5-9	183	83	45.4	49	59.0	12	14.5	2	2.4	.	.	2	2.4	15	18.1	3	3.6
		10-14	521	95	18.2	28	29.5	29	30.5	5	5.3	2	2.1	8	8.4	17	17.9	6	6.3
		15-19	541	93	17.2	8	8.6	34	36.6	6	6.5	2	2.2	9	9.7	25	26.9	9	9.7
		20+	516	99	19.2	6	6.1	38	38.4	9	9.1	3	3.0	10	10.1	27	27.3	6	6.1
	Age at diagnosis	<1	124	16	12.9	.	.	2	12.5	2	12.5	.	.	4	25.0	7	43.8	1	6.3
		1-4	562	110	19.6	20	18.2	40	36.4	10	9.1	3	2.7	9	8.2	19	17.3	9	8.2
		5-9	398	68	17.1	12	17.6	19	27.9	3	4.4	2	2.9	3	4.4	24	35.3	5	7.4
		10-14	348	87	25.0	28	32.2	31	35.6	3	3.4	.	.	7	8.0	15	17.2	3	3.4
		15-20	329	89	27.1	31	34.8	21	23.6	4	4.5	2	2.2	6	6.7	19	21.3	6	6.7
	Treatment	Surgery only	171	26	15.2	6	23.1	9	34.6	1	3.8	.	.	2	7.7	7	26.9	1	3.8
		Chemotherapy, no radiation	361	57	15.8	11	19.3	15	26.3	4	7.0	.	.	9	15.8	11	19.3	7	12.3
		Radiation, no chemotherapy	63	15	23.8	8	53.3	1	6.7	.	.	2	13.3	.	.	2	13.3	2	13.3
		Chemotherapy and radiation	975	223	22.9	49	22.0	70	31.4	17	7.6	5	2.2	17	7.6	52	23.3	13	5.8
		Unknown	191	49	25.7	17	34.7	18	36.7	.	.	.	.	1	2.0	12	24.5	1	2.0
Males	**All cases**		**951**	**209**	**22.0**	**50**	**23.9**	**63**	**30.1**	**16**	**7.7**	**4**	**1.9**	**18**	**8.6**	**46**	**22.0**	**12**	**5.7**
	Age at baseline	<18	192	50	26.0	13	26.0	16	32.0	4	8.0	.	.	4	8.0	9	18.0	4	8.0
		18-19	66	14	21.2	5	35.7	3	21.4	1	7.1	1	7.1	.	.	2	14.3	2	14.3
		20-24	242	56	23.1	16	28.6	14	25.0	3	5.4	2	3.6	6	10.7	12	21.4	3	5.4
		25-29	208	38	18.3	10	26.3	11	28.9	2	5.3	.	.	4	10.5	11	28.9	.	.
		30-34	159	31	19.5	5	16.1	10	32.3	4	12.9	.	.	2	6.5	8	25.8	2	6.5
		35+	84	20	23.8	1	5.0	9	45.0	2	10.0	1	5.0	2	10.0	4	20.0	1	5.0
	Years since diagnosis	5-9	100	50	50.0	24	48.0	9	18.0	2	4.0	.	.	2	4.0	11	22.0	2	4.0
		10-14	288	53	18.4	18	34.0	16	30.2	3	5.7	2	3.8	5	9.4	6	11.3	3	5.7
		15-19	282	53	18.8	6	11.3	20	37.7	4	7.5	1	1.9	4	7.5	12	22.6	6	11.3
		20+	281	53	18.9	2	3.8	18	34.0	7	13.2	1	1.9	7	13.2	17	32.1	1	1.9
	Age at diagnosis	<1	52	8	15.4	.	.	1	12.5	.	.	.	.	4	50.0	2	25.0	1	12.5
		1-4	331	69	20.8	13	18.8	24	34.8	8	11.6	1	1.4	4	5.8	13	18.8	6	8.7
		5-9	225	42	18.7	7	16.7	10	23.8	3	7.1	2	4.8	2	4.8	16	38.1	2	4.8
		10-14	186	47	25.3	15	31.9	16	34.0	3	6.4	.	.	4	8.5	8	17.0	1	2.1
		15-20	157	43	27.4	15	34.9	12	27.9	2	4.7	1	2.3	4	9.3	7	16.3	2	4.7
	Treatment	Surgery only	74	11	14.9	2	18.2	3	27.3	1	9.1	.	.	2	18.2	2	18.2	1	9.1
		Chemotherapy, no radiation	212	30	14.2	6	20.0	7	23.3	2	6.7	.	.	6	20.0	6	20.0	3	10.0
		Radiation, no chemotherapy	32	7	21.9	4	57.1	.	.	.	.	1	14.3	.	.	1	14.3	1	14.3
		Chemotherapy and radiation	524	133	25.4	28	21.1	41	30.8	13	9.8	3	2.3	10	7.5	32	24.1	6	4.5
		Unknown	109	28	25.7	10	35.7	12	42.9	.	.	.	.	.	.	5	17.9	1	3.6
Females	**All cases**		**810**	**161**	**19.9**	**41**	**25.5**	**50**	**31.1**	**6**	**3.7**	**3**	**1.9**	**11**	**6.8**	**38**	**23.6**	**12**	**7.5**

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Age at baseline	<18	150	33	22.0	9	27.3	10	30.3	3	9.1	.	.	2	6.1	7	21.2	2	6.1
		18-19	59	9	15.3	5	55.6	2	22.2	.	.	.	.	1	11.1	1	11.1	.	.
		20-24	183	36	19.7	15	41.7	8	22.2	1	2.8	.	.	3	8.3	7	19.4	2	5.6
		25-29	185	30	16.2	7	23.3	6	20.0	.	.	2	6.7	3	10.0	8	26.7	4	13.3
		30-34	140	26	18.6	2	7.7	11	42.3	1	3.8	1	3.8	1	3.8	9	34.6	1	3.8
		35+	93	27	29.0	3	11.1	13	48.1	1	3.7	.	.	1	3.7	6	22.2	3	11.1
	Years since diagnosis	5-9	83	33	39.8	25	75.8	3	9.1	.	.	.	.	.	.	4	12.1	1	3.0
		10-14	233	42	18.0	10	23.8	13	31.0	2	4.8	.	.	3	7.1	11	26.2	3	7.1
		15-19	259	40	15.4	2	5.0	14	35.0	2	5.0	1	2.5	5	12.5	13	32.5	3	7.5
		20+	235	46	19.6	4	8.7	20	43.5	2	4.3	2	4.3	3	6.5	10	21.7	5	10.9
	Age at diagnosis	<1	72	8	11.1	.	.	1	12.5	2	25.0	.	.	.	.	5	62.5	.	.
		1-4	231	41	17.7	7	17.1	16	39.0	2	4.9	2	4.9	5	12.2	6	14.6	3	7.3
		5-9	173	26	15.0	5	19.2	9	34.6	.	.	.	.	1	3.8	8	30.8	3	11.5
		10-14	162	40	24.7	13	32.5	15	37.5	.	.	.	.	3	7.5	7	17.5	2	5.0
		15-20	172	46	26.7	16	34.8	9	19.6	2	4.3	1	2.2	2	4.3	12	26.1	4	8.7
	Treatment	Surgery only	97	15	15.5	4	26.7	6	40.0	.	.	.	.	.	.	5	33.3	.	.
		Chemotherapy, no radiation	149	27	18.1	5	18.5	8	29.6	2	7.4	.	.	3	11.1	5	18.5	4	14.8
		Radiation, no chemotherapy	31	8	25.8	4	50.0	1	12.5	.	.	1	12.5	.	.	1	12.5	1	12.5
		Chemotherapy and radiation	451	90	20.0	21	23.3	29	32.2	4	4.4	2	2.2	7	7.8	20	22.2	7	7.8
		Unknown	82	21	25.6	7	33.3	6	28.6	.	.	.	.	1	4.8	7	33.3	.	.

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				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	**All cases**		**2103**	**484**	**23.0**	**162**	**33.5**	**133**	**27.5**	**50**	**10.3**	**15**	**3.1**	**45**	**9.3**	**66**	**13.6**	**13**	**2.7**
	Age at baseline	<18	98	45	45.9	30	66.7	4	8.9	2	4.4	1	2.2	2	4.4	4	8.9	2	4.4
		18-19	72	27	37.5	14	51.9	4	14.8	2	7.4	.	.	1	3.7	5	18.5	1	3.7
		20-24	389	129	33.2	71	55.0	23	17.8	6	4.7	1	0.8	12	9.3	16	12.4	.	.
		25-29	568	118	20.8	33	28.0	37	31.4	9	7.6	4	3.4	14	11.9	16	13.6	5	4.2
		30-34	568	91	16.0	10	11.0	34	37.4	18	19.8	6	6.6	10	11.0	9	9.9	4	4.4
		35+	408	74	18.1	4	5.4	31	41.9	13	17.6	3	4.1	6	8.1	16	21.6	1	1.4
	Years since diagnosis	5-9	245	159	64.9	106	66.7	18	11.3	4	2.5	1	0.6	10	6.3	16	10.1	4	2.5
		10-14	681	126	18.5	43	34.1	41	32.5	12	9.5	4	3.2	14	11.1	12	9.5	.	.
		15-19	677	104	15.4	8	7.7	39	37.5	14	13.5	5	4.8	12	11.5	20	19.2	6	5.8
		20+	500	95	19.0	5	5.3	35	36.8	20	21.1	5	5.3	9	9.5	18	18.9	3	3.2
	Age at diagnosis	<1	9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		1-4	89	20	22.5	3	15.0	5	25.0	3	15.0	1	5.0	2	10.0	5	25.0	1	5.0
		5-9	371	83	22.4	29	34.9	19	22.9	6	7.2	2	2.4	8	9.6	14	16.9	5	6.0
		10-14	842	185	22.0	66	35.7	48	25.9	21	11.4	6	3.2	19	10.3	22	11.9	3	1.6
		15-20	792	196	24.7	64	32.7	61	31.1	20	10.2	6	3.1	16	8.2	25	12.8	4	2.0
	Treatment	Surgery only	119	11	9.2	2	18.2	6	54.5	1	9.1	.	.	.	.	2	18.2	.	.
		Chemotherapy, no radiation	1193	198	16.6	57	28.8	59	29.8	18	9.1	8	4.0	26	13.1	27	13.6	3	1.5
		Radiation, no chemotherapy	17	6	35.3	2	33.3	2	33.3	.	.	.	.	.	.	1	16.7	1	16.7
		Chemotherapy and radiation	583	190	32.6	78	41.1	53	27.9	17	8.9	3	1.6	9	4.7	26	13.7	4	2.1
		Unknown	191	79	41.4	23	29.1	13	16.5	14	17.7	4	5.1	10	12.7	10	12.7	5	6.3
Males	**All cases**		**1087**	**283**	**26.0**	**103**	**36.4**	**69**	**24.4**	**26**	**9.2**	**8**	**2.8**	**35**	**12.4**	**33**	**11.7**	**9**	**3.2**
	Age at baseline	<18	49	28	57.1	22	78.6	2	7.1	1	3.6	.	.	1	3.6	1	3.6	1	3.6
		18-19	36	17	47.2	8	47.1	2	11.8	1	5.9	.	.	1	5.9	4	23.5	1	5.9
		20-24	194	71	36.6	37	52.1	11	15.5	4	5.6	1	1.4	11	15.5	7	9.9	.	.
		25-29	299	75	25.1	25	33.3	21	28.0	7	9.3	1	1.3	11	14.7	6	8.0	4	5.3
		30-34	284	47	16.5	9	19.1	14	29.8	7	14.9	3	6.4	5	10.6	7	14.9	2	4.3
		35+	225	45	20.0	2	4.4	19	42.2	6	13.3	3	6.7	6	13.3	8	17.8	1	2.2
	Years since diagnosis	5-9	134	91	67.9	63	69.2	8	8.8	1	1.1	1	1.1	8	8.8	8	8.8	2	2.2
		10-14	349	85	24.4	32	37.6	22	25.9	11	12.9	1	1.2	14	16.5	5	5.9	.	.
		15-19	349	59	16.9	6	10.2	19	32.2	7	11.9	3	5.1	7	11.9	12	20.3	5	8.5
		20+	255	48	18.8	2	4.2	20	41.7	7	14.6	3	6.3	6	12.5	8	16.7	2	4.2
	Age at diagnosis	<1	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		1-4	47	10	21.3	2	20.0	3	30.0	2	20.0	.	.	.	.	2	20.0	1	10.0
		5-9	190	49	25.8	19	38.8	10	20.4	2	4.1	1	2.0	6	12.2	8	16.3	3	6.1
		10-14	403	98	24.3	36	36.7	22	22.4	8	8.2	3	3.1	15	15.3	11	11.2	3	3.1
		15-20	443	126	28.4	46	36.5	34	27.0	14	11.1	4	3.2	14	11.1	12	9.5	2	1.6
	Treatment	Surgery only	48	7	14.6	1	14.3	5	71.4	.	.	.	.	.	.	1	14.3	.	.
		Chemotherapy, no radiation	613	110	17.9	36	32.7	26	23.6	14	12.7	3	2.7	18	16.4	11	10.0	2	1.8
		Radiation, no chemotherapy	9	5	55.6	1	20.0	2	40.0	.	.	.	.	.	.	1	20.0	1	20.0
		Chemotherapy and radiation	297	106	35.7	49	46.2	27	25.5	4	3.8	1	0.9	8	7.5	14	13.2	3	2.8
		Unknown	120	55	45.8	16	29.1	9	16.4	8	14.5	4	7.3	9	16.4	6	10.9	3	5.5
Females	**All cases**		**1016**	**201**	**19.8**	**59**	**29.4**	**64**	**31.8**	**24**	**11.9**	**7**	**3.5**	**10**	**5.0**	**33**	**16.4**	**4**	**2.0**

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	Age at baseline	<18	49	17	34.7	8	47.1	2	11.8	1	5.9	1	5.9	1	5.9	3	17.6	1	5.9
		18-19	36	10	27.8	6	60.0	2	20.0	1	10.0	.	.	.	.	1	10.0	.	.
		20-24	195	58	29.7	34	58.6	12	20.7	2	3.4	.	.	1	1.7	9	15.5	.	.
		25-29	269	43	16.0	8	18.6	16	37.2	2	4.7	3	7.0	3	7.0	10	23.3	1	2.3
		30-34	284	44	15.5	1	2.3	20	45.5	11	25.0	3	6.8	5	11.4	2	4.5	2	4.5
		35+	183	29	15.8	2	6.9	12	41.4	7	24.1	.	.	.	.	8	27.6	.	.
	Years since diagnosis	5-9	111	68	61.3	43	63.2	10	14.7	3	4.4	.	.	2	2.9	8	11.8	2	2.9
		10-14	332	41	12.3	11	26.8	19	46.3	1	2.4	3	7.3	.	.	7	17.1	.	.
		15-19	328	45	13.7	2	4.4	20	44.4	7	15.6	2	4.4	5	11.1	8	17.8	1	2.2
		20+	245	47	19.2	3	6.4	15	31.9	13	27.7	2	4.3	3	6.4	10	21.3	1	2.1
	Age at diagnosis	<1	5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		1-4	42	10	23.8	1	10.0	2	20.0	1	10.0	1	10.0	2	20.0	3	30.0	.	.
		5-9	181	34	18.8	10	29.4	9	26.5	4	11.8	1	2.9	2	5.9	6	17.6	2	5.9
		10-14	439	87	19.8	30	34.5	26	29.9	13	14.9	3	3.4	4	4.6	11	12.6	.	.
		15-20	349	70	20.1	18	25.7	27	38.6	6	8.6	2	2.9	2	2.9	13	18.6	2	2.9
	Treatment	Surgery only	71	4	5.6	1	25.0	1	25.0	1	25.0	.	.	.	.	1	25.0	.	.
		Chemotherapy, no radiation	580	88	15.2	21	23.9	33	37.5	4	4.5	5	5.7	8	9.1	16	18.2	1	1.1
		Radiation, no chemotherapy	8	1	12.5	1	100.0	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	286	84	29.4	29	34.5	26	31.0	13	15.5	2	2.4	1	1.2	12	14.3	1	1.2
		Unknown	71	24	33.8	7	29.2	4	16.7	6	25.0	.	.	1	4.2	4	16.7	2	8.3

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	**All cases**		**741**	**212**	**28.6**	**85**	**40.1**	**52**	**24.5**	**22**	**10.4**	**3**	**1.4**	**16**	**7.5**	**28**	**13.2**	**6**	**2.8**
	Age at baseline	<18	63	27	42.9	17	63.0	2	7.4	2	7.4	.	.	1	3.7	4	14.8	1	3.7
		18-19	36	19	52.8	10	52.6	4	21.1	2	10.5	.	.	.	.	2	10.5	1	5.3
		20-24	170	60	35.3	35	58.3	11	18.3	3	5.0	.	.	3	5.0	8	13.3	.	.
		25-29	204	46	22.5	18	39.1	13	28.3	3	6.5	.	.	4	8.7	6	13.0	2	4.3
		30-34	165	33	20.0	5	15.2	7	21.2	7	21.2	3	9.1	6	18.2	3	9.1	2	6.1
		35+	103	27	26.2	.	.	15	55.6	5	18.5	.	.	2	7.4	5	18.5	.	.
	Years since diagnosis	5-9	106	78	73.6	53	67.9	9	11.5	3	3.8	.	.	3	3.8	7	9.0	3	3.8
		10-14	247	54	21.9	25	46.3	15	27.8	5	9.3	.	.	3	5.6	6	11.1	.	.
		15-19	223	42	18.8	6	14.3	11	26.2	6	14.3	2	4.8	6	14.3	9	21.4	2	4.8
		20+	165	38	23.0	1	2.6	17	44.7	8	21.1	1	2.6	4	10.5	6	15.8	1	2.6
	Age at diagnosis	<1	5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		1-4	55	15	27.3	3	20.0	3	20.0	3	20.0	.	.	1	6.7	5	33.3	.	.
		5-9	185	48	25.9	18	37.5	11	22.9	4	8.3	1	2.1	6	12.5	6	12.5	2	4.2
		10-14	278	81	29.1	36	44.4	18	22.2	7	8.6	2	2.5	4	4.9	12	14.8	2	2.5
		15-20	218	68	31.2	28	41.2	20	29.4	8	11.8	.	.	5	7.4	5	7.4	2	2.9
	Treatment	Surgery only	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	212	24	11.3	7	29.2	5	20.8	5	20.8	.	.	6	25.0	1	4.2	.	.
		Radiation, no chemotherapy	2	1	50.0	1	100.0	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	464	154	33.2	67	43.5	43	27.9	11	7.1	3	1.9	6	3.9	21	13.6	3	1.9
		Unknown	62	33	53.2	10	30.3	4	12.1	6	18.2	.	.	4	12.1	6	18.2	3	9.1
Males	**All cases**		**387**	**119**	**30.7**	**53**	**44.5**	**26**	**21.8**	**10**	**8.4**	**1**	**0.8**	**10**	**8.4**	**15**	**12.6**	**4**	**3.4**
	Age at baseline	<18	28	12	42.9	10	83.3	.	.	1	8.3	.	.	.	.	1	8.3	.	.
		18-19	20	13	65.0	7	53.8	2	15.4	1	7.7	.	.	.	.	2	15.4	1	7.7
		20-24	88	31	35.2	17	54.8	7	22.6	1	3.2	.	.	3	9.7	3	9.7	.	.
		25-29	105	27	25.7	14	51.9	5	18.5	2	7.4	.	.	3	11.1	2	7.4	1	3.7
		30-34	90	19	21.1	5	26.3	3	15.8	3	15.8	1	5.3	2	10.5	3	15.8	2	10.5
		35+	56	17	30.4	.	.	9	52.9	2	11.8	.	.	2	11.8	4	23.5	.	.
	Years since diagnosis	5-9	57	38	66.7	28	73.7	5	13.2	.	.	.	.	1	2.6	3	7.9	1	2.6
		10-14	121	34	28.1	20	58.8	5	14.7	4	11.8	.	.	3	8.8	2	5.9	.	.
		15-19	123	27	22.0	5	18.5	6	22.2	3	11.1	1	3.7	4	14.8	6	22.2	2	7.4
		20+	86	20	23.3	.	.	10	50.0	3	15.0	.	.	2	10.0	4	20.0	1	5.0
	Age at diagnosis	<1	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		1-4	29	8	27.6	2	25.0	2	25.0	2	25.0	.	.	.	.	2	25.0	.	.
		5-9	92	26	28.3	10	38.5	5	19.2	2	7.7	.	.	4	15.4	4	15.4	1	3.8
		10-14	147	42	28.6	21	50.0	7	16.7	1	2.4	1	2.4	3	7.1	7	16.7	2	4.8
		15-20	117	43	36.8	20	46.5	12	27.9	5	11.6	.	.	3	7.0	2	4.7	1	2.3
	Treatment	Chemotherapy, no radiation	112	13	11.6	4	30.8	2	15.4	4	30.8	.	.	2	15.4	1	7.7	.	.
		Radiation, no chemotherapy	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	237	86	36.3	42	48.8	21	24.4	4	4.7	1	1.2	5	5.8	10	11.6	3	3.5
		Unknown	37	20	54.1	7	35.0	3	15.0	2	10.0	.	.	3	15.0	4	20.0	1	5.0
Females	**All cases**		**354**	**93**	**26.3**	**32**	**34.4**	**26**	**28.0**	**12**	**12.9**	**2**	**2.2**	**6**	**6.5**	**13**	**14.0**	**2**	**2.2**
	Age at baseline	<18	35	15	42.9	7	46.7	2	13.3	1	6.7	.	.	1	6.7	3	20.0	1	6.7

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		18-19	16	6	37.5	3	50.0	2	33.3	1	16.7	.	.	.	.	.	.	.	.
		20-24	82	29	35.4	18	62.1	4	13.8	2	6.9	.	.	.	.	5	17.2	.	.
		25-29	99	19	19.2	4	21.1	8	42.1	1	5.3	.	.	1	5.3	4	21.1	1	5.3
		30-34	75	14	18.7	.	.	4	28.6	4	28.6	2	14.3	4	28.6	.	.	.	.
		35+	47	10	21.3	.	.	6	60.0	3	30.0	.	.	.	.	1	10.0	.	.
	Years since diagnosis	5-9	49	40	81.6	25	62.5	4	10.0	3	7.5	.	.	2	5.0	4	10.0	2	5.0
		10-14	126	20	15.9	5	25.0	10	50.0	1	5.0	.	.	.	.	4	20.0	.	.
		15-19	100	15	15.0	1	6.7	5	33.3	3	20.0	1	6.7	2	13.3	3	20.0	.	.
		20+	79	18	22.8	1	5.6	7	38.9	5	27.8	1	5.6	2	11.1	2	11.1	.	.
	Age at diagnosis	<1	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		1-4	26	7	26.9	1	14.3	1	14.3	1	14.3	.	.	1	14.3	3	42.9	.	.
		5-9	93	22	23.7	8	36.4	6	27.3	2	9.1	1	4.5	2	9.1	2	9.1	1	4.5
		10-14	131	39	29.8	15	38.5	11	28.2	6	15.4	1	2.6	1	2.6	5	12.8	.	.
		15-20	101	25	24.8	8	32.0	8	32.0	3	12.0	.	.	2	8.0	3	12.0	1	4.0
	Treatment	Surgery only	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	100	11	11.0	3	27.3	3	27.3	1	9.1	.	.	4	36.4	.	.	.	.
		Radiation, no chemotherapy	1	1	100.0	1	100.0	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	227	68	30.0	25	36.8	22	32.4	7	10.3	2	2.9	1	1.5	11	16.2	.	.
		Unknown	25	13	52.0	3	23.1	1	7.7	4	30.8	.	.	1	7.7	2	15.4	2	15.4

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Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	**All cases**		**1259**	**261**	**20.7**	**74**	**28.4**	**77**	**29.5**	**28**	**10.7**	**11**	**4.2**	**29**	**11.1**	**36**	**13.8**	**6**	**2.3**
	Age at baseline	<18	29	17	58.6	13	76.5	2	11.8	.	.	.	.	1	5.9	.	.	1	5.9
		18-19	30	7	23.3	4	57.1	.	.	.	.	.	.	1	14.3	2	28.6	.	.
		20-24	199	67	33.7	36	53.7	10	14.9	3	4.5	1	1.5	9	13.4	8	11.9	.	.
		25-29	344	68	19.8	14	20.6	23	33.8	6	8.8	4	5.9	10	14.7	9	13.2	2	2.9
		30-34	374	55	14.7	3	5.5	26	47.3	11	20.0	3	5.5	4	7.3	6	10.9	2	3.6
		35+	283	47	16.6	4	8.5	16	34.0	8	17.0	3	6.4	4	8.5	11	23.4	1	2.1
	Years since diagnosis	5-9	132	77	58.3	53	68.8	7	9.1	1	1.3	1	1.3	7	9.1	7	9.1	1	1.3
		10-14	397	69	17.4	16	23.2	26	37.7	7	10.1	3	4.3	11	15.9	6	8.7	.	.
		15-19	423	59	13.9	1	1.7	26	44.1	8	13.6	3	5.1	6	10.2	11	18.6	4	6.8
		20+	307	56	18.2	4	7.1	18	32.1	12	21.4	4	7.1	5	8.9	12	21.4	1	1.8
	Age at diagnosis	1-4	25	3	12.0	.	.	2	66.7	.	.	.	.	1	33.3	.	.	.	.
		5-9	168	34	20.2	11	32.4	7	20.6	2	5.9	1	2.9	2	5.9	8	23.5	3	8.8
		10-14	534	100	18.7	29	29.0	28	28.0	14	14.0	4	4.0	15	15.0	9	9.0	1	1.0
		15-20	532	124	23.3	34	27.4	40	32.3	12	9.7	6	4.8	11	8.9	19	15.3	2	1.6
	Treatment	Surgery only	86	9	10.5	1	11.1	5	55.6	1	11.1	.	.	.	.	2	22.2	.	.
		Chemotherapy, no radiation	957	170	17.8	49	28.8	53	31.2	13	7.6	7	4.1	20	11.8	25	14.7	3	1.8
		Radiation, no chemotherapy	10	3	30.0	1	33.3	2	66.7	.	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	83	35	42.2	11	31.4	9	25.7	6	17.1	.	.	3	8.6	5	14.3	1	2.9
		Unknown	123	44	35.8	12	27.3	8	18.2	8	18.2	4	9.1	6	13.6	4	9.1	2	4.5
Males	**All cases**		**648**	**156**	**24.1**	**48**	**30.8**	**40**	**25.6**	**16**	**10.3**	**7**	**4.5**	**25**	**16.0**	**16**	**10.3**	**4**	**2.6**
	Age at baseline	<18	20	16	80.0	12	75.0	2	12.5	.	.	.	.	1	6.3	.	.	1	6.3
		18-19	12	3	25.0	1	33.3	.	.	.	.	.	.	1	33.3	1	33.3	.	.
		20-24	95	39	41.1	20	51.3	3	7.7	3	7.7	1	2.6	8	20.5	4	10.3	.	.
		25-29	183	45	24.6	11	24.4	15	33.3	5	11.1	1	2.2	8	17.8	3	6.7	2	4.4
		30-34	179	25	14.0	2	8.0	10	40.0	4	16.0	2	8.0	3	12.0	4	16.0	.	.
		35+	159	28	17.6	2	7.1	10	35.7	4	14.3	3	10.7	4	14.3	4	14.3	1	3.6
	Years since diagnosis	5-9	74	50	67.6	35	70.0	2	4.0	1	2.0	1	2.0	7	14.0	3	6.0	1	2.0
		10-14	209	49	23.4	10	20.4	17	34.7	7	14.3	1	2.0	11	22.4	3	6.1	.	.
		15-19	211	30	14.2	1	3.3	11	36.7	4	13.3	2	6.7	3	10.0	6	20.0	3	10.0
		20+	154	27	17.5	2	7.4	10	37.0	4	14.8	3	11.1	4	14.8	4	14.8	.	.
	Age at diagnosis	1-4	14	1	7.1	.	.	1	100.0	.	.	.	.	.	.	.	.	.	.
		5-9	84	22	26.2	9	40.9	4	18.2	.	.	1	4.5	2	9.1	4	18.2	2	9.1
		10-14	246	53	21.5	15	28.3	13	24.5	7	13.2	2	3.8	12	22.6	3	5.7	1	1.9
		15-20	304	80	26.3	24	30.0	22	27.5	9	11.3	4	5.0	11	13.8	9	11.3	1	1.3
	Treatment	Surgery only	30	5	16.7	.	.	4	80.0	.	.	.	.	.	.	1	20.0	.	.
		Chemotherapy, no radiation	489	94	19.2	31	33.0	23	24.5	10	10.6	3	3.2	16	17.0	9	9.6	2	2.1
		Radiation, no chemotherapy	6	3	50.0	1	33.3	2	66.7	.	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	44	20	45.5	7	35.0	6	30.0	.	.	.	.	3	15.0	4	20.0	.	.
		Unknown	79	34	43.0	9	26.5	5	14.7	6	17.6	4	11.8	6	17.6	2	5.9	2	5.9
Females	**All cases**		**611**	**105**	**17.2**	**26**	**24.8**	**37**	**35.2**	**12**	**11.4**	**4**	**3.8**	**4**	**3.8**	**20**	**19.0**	**2**	**1.9**
	Age at baseline	<18	9	1	11.1	1	100.0	.	.	.	.	.	.	.	.	.	.	.	.
		18-19	18	4	22.2	3	75.0	.	.	.	.	.	.	.	.	1	25.0	.	.

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.

				Deaths		Causes of Death													
						Recurrence		Subsequent malignancy		Cardiac causes		Pulmonary causes		External causes		Other causes		Unknown	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		20-24	104	28	26.9	16	57.1	7	25.0	.	.	.	.	1	3.6	4	14.3	.	.
		25-29	161	23	14.3	3	13.0	8	34.8	1	4.3	3	13.0	2	8.7	6	26.1	.	.
		30-34	195	30	15.4	1	3.3	16	53.3	7	23.3	1	3.3	1	3.3	2	6.7	2	6.7
		35+	124	19	15.3	2	10.5	6	31.6	4	21.1	.	.	.	.	7	36.8	.	.
	Years since diagnosis	5-9	58	27	46.6	18	66.7	5	18.5	.	.	.	.	.	.	4	14.8	.	.
		10-14	188	20	10.6	6	30.0	9	45.0	.	.	2	10.0	.	.	3	15.0	.	.
		15-19	212	29	13.7	.	.	15	51.7	4	13.8	1	3.4	3	10.3	5	17.2	1	3.4
		20+	153	29	19.0	2	6.9	8	27.6	8	27.6	1	3.4	1	3.4	8	27.6	1	3.4
	Age at diagnosis	1-4	11	2	18.2	.	.	1	50.0	.	.	.	.	1	50.0	.	.	.	.
		5-9	84	12	14.3	2	16.7	3	25.0	2	16.7	.	.	.	.	4	33.3	1	8.3
		10-14	288	47	16.3	14	29.8	15	31.9	7	14.9	2	4.3	3	6.4	6	12.8	.	.
		15-20	228	44	19.3	10	22.7	18	40.9	3	6.8	2	4.5	.	.	10	22.7	1	2.3
	Treatment	Surgery only	56	4	7.1	1	25.0	1	25.0	1	25.0	.	.	.	.	1	25.0	.	.
		Chemotherapy, no radiation	468	76	16.2	18	23.7	30	39.5	3	3.9	4	5.3	4	5.3	16	21.1	1	1.3
		Radiation, no chemotherapy	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	39	15	38.5	4	26.7	3	20.0	6	40.0	.	.	.	.	1	6.7	1	6.7
		Unknown	44	10	22.7	3	30.0	3	30.0	2	20.0	.	.	.	.	2	20.0	.	.

CCSS data from Mar2026 data freeze, with death information as of 31DEC2021 NDI search.
Denominator for death percentages is all cases; denominator for cause-of-death percentages is deaths with a classified cause.