

## Education: All cancers

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			1-8 years (grade school)		9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other		
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	All cases		25658	3490	14.1	3644	14.7	4259	17.2	981	4.0	5997	24.2	4646	18.8	1537	6.2	215	0.9
	Age at baseline	<18	5685	3227	59.0	2031	37.1	105	1.9	3	0.1	10	0.2	.	.	1	0.0	95	1.7
		18-19	2155	53	2.6	566	27.3	781	37.6	43	2.1	603	29.0	9	0.4	3	0.1	18	0.9
		20-24	6010	73	1.3	378	6.5	1371	23.5	264	4.5	2494	42.7	1079	18.5	126	2.2	49	0.8
		25-29	5553	55	1.0	309	5.8	1024	19.1	337	6.3	1396	26.1	1695	31.6	505	9.4	35	0.7
		30-34	3865	55	1.5	237	6.4	626	16.8	189	5.1	930	25.0	1153	31.0	522	14.0	11	0.3
		35+	2390	27	1.2	123	5.3	352	15.3	145	6.3	564	24.4	710	30.8	380	16.5	7	0.3
	Years since diagnosis	5-9	2588	1190	48.3	371	15.1	258	10.5	53	2.2	391	15.9	141	5.7	26	1.1	33	1.3
		10-14	8347	2001	24.8	1750	21.7	1059	13.1	216	2.7	1545	19.1	1089	13.5	344	4.3	66	0.8
		15-19	8210	206	2.6	1141	14.4	1687	21.2	327	4.1	2354	29.7	1617	20.4	535	6.7	72	0.9
		20+	6513	93	1.5	382	6.1	1255	19.9	385	6.1	1707	27.1	1799	28.6	632	10.0	44	0.7
	Age at diagnosis	<1	1926	705	38.1	395	21.4	242	13.1	39	2.1	308	16.6	105	5.7	10	0.5	46	2.5
		1-4	8262	2228	27.9	1725	21.6	1306	16.4	196	2.5	1556	19.5	740	9.3	113	1.4	111	1.4
		5-9	5782	438	7.8	923	16.5	1140	20.4	221	4.0	1581	28.3	987	17.7	270	4.8	32	0.6
		10-14	5444	78	1.5	372	7.1	932	17.8	283	5.4	1483	28.3	1552	29.6	531	10.1	18	0.3
		15-20	4244	41	1.0	229	5.6	639	15.6	242	5.9	1069	26.1	1262	30.8	613	14.9	8	0.2
	Treatment	Surgery only	2162	304	14.5	296	14.1	335	16.0	79	3.8	514	24.5	422	20.1	127	6.0	23	1.1
		Chemotherapy, no radiation	8136	1280	16.1	1208	15.2	1160	14.6	251	3.2	1940	24.5	1512	19.1	491	6.2	91	1.1
		Radiation, no chemotherapy	2086	206	10.4	208	10.5	393	19.8	106	5.3	479	24.1	422	21.3	162	8.2	9	0.5
		Chemotherapy and radiation	10771	1397	13.5	1510	14.6	1831	17.7	454	4.4	2457	23.7	1972	19.0	656	6.3	80	0.8
		Unknown	2503	303	12.7	422	17.6	540	22.6	91	3.8	607	25.4	318	13.3	101	4.2	12	0.5
Males	All cases		13721	1879	14.2	2066	15.6	2402	18.1	568	4.3	3153	23.7	2323	17.5	767	5.8	121	0.9
	Age at baseline	<18	3062	1737	59.0	1086	36.9	50	1.7	3	0.1	7	0.2	.	.	1	0.0	58	2.0
		18-19	1125	28	2.6	335	30.8	400	36.8	23	2.1	282	25.9	4	0.4	3	0.3	12	1.1
		20-24	3164	34	1.1	226	7.3	787	25.5	150	4.9	1302	42.2	507	16.4	55	1.8	25	0.8
		25-29	3085	33	1.1	196	6.6	619	20.7	194	6.5	780	26.1	878	29.4	268	9.0	18	0.6
		30-34	2056	35	1.8	143	7.2	358	18.0	117	5.9	506	25.5	578	29.1	245	12.3	4	0.2
		35+	1229	12	1.0	80	6.7	188	15.8	81	6.8	276	23.2	356	29.9	195	16.4	4	0.3
	Years since diagnosis	5-9	1453	668	48.1	230	16.6	152	11.0	34	2.4	200	14.4	65	4.7	16	1.2	23	1.7
		10-14	4469	1051	24.3	967	22.4	620	14.3	127	2.9	821	19.0	538	12.4	166	3.8	34	0.8
		15-19	4317	111	2.6	641	15.3	926	22.1	195	4.6	1213	28.9	795	18.9	273	6.5	45	1.1
		20+	3482	49	1.5	228	6.8	704	20.9	212	6.3	919	27.3	925	27.5	312	9.3	19	0.6
	Age at diagnosis	<1	983	359	38.2	205	21.8	124	13.2	17	1.8	157	16.7	46	4.9	3	0.3	30	3.2
		1-4	4326	1200	28.7	931	22.3	668	16.0	104	2.5	795	19.0	366	8.8	53	1.3	60	1.4
		5-9	3261	252	7.9	549	17.3	711	22.4	142	4.5	849	26.8	503	15.9	147	4.6	19	0.6
		10-14	2880	41	1.5	227	8.2	523	18.8	172	6.2	780	28.1	763	27.5	264	9.5	8	0.3
		15-20	2271	27	1.2	154	7.0	376	17.0	133	6.0	572	25.9	645	29.2	300	13.6	4	0.2
	Treatment	Surgery only	1065	161	15.6	153	14.8	169	16.4	41	4.0	258	25.0	195	18.9	47	4.6	8	0.8
		Chemotherapy, no radiation	4287	652	15.6	661	15.8	638	15.3	157	3.8	1006	24.1	749	17.9	260	6.2	56	1.3
		Radiation, no chemotherapy	1086	113	10.9	114	11.0	218	20.9	57	5.5	258	24.8	192	18.4	85	8.2	4	0.4
		Chemotherapy and radiation	5805	790	14.1	871	15.5	1056	18.8	253	4.5	1271	22.6	1006	17.9	324	5.8	45	0.8
		Unknown	1478	163	11.6	267	18.9	321	22.7	60	4.3	360	25.5	181	12.8	51	3.6	8	0.6

CCSS data from Jan2020 data freeze

Based on questionnaire items O.1/R.1

n=7 participants with no baseline information are not included

				1-8 years (grade school)		9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Females	All cases		11937	1611	14.0	1578	13.7	1857	16.2	413	3.6	2844	24.8	2323	20.2	770	6.7	94	0.8
	Age at baseline	<18	2623	1490	58.9	945	37.4	55	2.2	.	.	3	0.1	.	.	.	.	37	1.5
		18-19	1030	25	2.5	231	23.4	381	38.5	20	2.0	321	32.5	5	0.5	.	.	6	0.6
		20-24	2846	39	1.4	152	5.5	584	21.3	114	4.1	1192	43.4	572	20.8	71	2.6	24	0.9
		25-29	2468	22	0.9	113	4.8	405	17.1	143	6.0	616	26.0	817	34.5	237	10.0	17	0.7
		30-34	1809	20	1.2	94	5.4	268	15.4	72	4.1	424	24.4	575	33.1	277	15.9	7	0.4
		35+	1161	15	1.3	43	3.9	164	14.7	64	5.7	288	25.8	354	31.7	185	16.6	3	0.3
	Years since diagnosis	5-9	1135	522	48.6	141	13.1	106	9.9	19	1.8	191	17.8	76	7.1	10	0.9	10	0.9
		10-14	3878	950	25.4	783	20.9	439	11.7	89	2.4	724	19.3	551	14.7	178	4.8	32	0.9
		15-19	3893	95	2.5	500	13.4	761	20.3	132	3.5	1141	30.5	822	22.0	262	7.0	27	0.7
		20+	3031	44	1.5	154	5.3	551	18.8	173	5.9	788	26.9	874	29.8	320	10.9	25	0.9
	Age at diagnosis	<1	943	346	38.1	190	20.9	118	13.0	22	2.4	151	16.6	59	6.5	7	0.8	16	1.8
		1-4	3936	1028	27.1	794	20.9	638	16.8	92	2.4	761	20.0	374	9.8	60	1.6	51	1.3
		5-9	2521	186	7.7	374	15.5	429	17.7	79	3.3	732	30.2	484	20.0	123	5.1	13	0.5
		10-14	2564	37	1.5	145	5.9	409	16.6	111	4.5	703	28.5	789	31.9	267	10.8	10	0.4
		15-20	1973	14	0.7	75	4.0	263	13.9	109	5.8	497	26.3	617	32.6	313	16.5	4	0.2
	Treatment	Surgery only	1097	143	13.4	143	13.4	166	15.5	38	3.6	256	24.0	227	21.3	80	7.5	15	1.4
		Chemotherapy, no radiation	3849	628	16.7	547	14.6	522	13.9	94	2.5	934	24.9	763	20.3	231	6.2	35	0.9
		Radiation, no chemotherapy	1000	93	9.9	94	10.0	175	18.5	49	5.2	221	23.4	230	24.4	77	8.2	5	0.5
		Chemotherapy and radiation	4966	607	12.8	639	13.5	775	16.3	201	4.2	1186	25.0	966	20.4	332	7.0	35	0.7
		Unknown	1025	140	14.2	155	15.8	219	22.3	31	3.2	247	25.1	137	13.9	50	5.1	4	0.4

CCSS data from Jan2020 data freeze

Based on questionnaire items O.1/R.1

n=7 participants with no baseline information are not included

			1-8 years (grade school)		9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other		
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	All cases		7872	1370	18.1	1364	18.0	1241	16.4	273	3.6	1693	22.4	1213	16.0	353	4.7	61	0.8
	Age at baseline	<18	2233	1288	59.7	807	37.4	28	1.3	3	0.1	6	0.3	.	.	.	.	24	1.1
		18-19	844	16	2.0	246	30.7	307	38.3	15	1.9	207	25.8	3	0.4	.	.	8	1.0
		20-24	1964	28	1.5	131	6.9	443	23.4	104	5.5	791	41.8	348	18.4	35	1.8	14	0.7
		25-29	1598	21	1.4	93	6.1	266	17.3	90	5.9	414	27.0	501	32.6	143	9.3	8	0.5
		30-34	837	13	1.6	56	7.0	141	17.6	40	5.0	196	24.5	241	30.2	107	13.4	5	0.6
		35+	396	4	1.0	31	8.1	56	14.7	21	5.5	79	20.7	120	31.5	68	17.8	2	0.5
	Years since diagnosis	5-9	980	568	60.7	147	15.7	63	6.7	9	1.0	99	10.6	35	3.7	3	0.3	11	1.2
		10-14	2637	717	28.2	723	28.4	303	11.9	54	2.1	411	16.2	244	9.6	75	3.0	15	0.6
		15-19	2439	55	2.3	382	16.3	525	22.3	105	4.5	727	30.9	430	18.3	100	4.3	25	1.1
		20+	1816	30	1.7	112	6.4	350	20.1	105	6.0	456	26.2	504	28.9	175	10.0	10	0.6
	Age at diagnosis	<1	241	92	40.0	53	23.0	32	13.9	5	2.2	29	12.6	11	4.8	.	.	8	3.5
		1-4	3709	1082	30.3	801	22.4	557	15.6	92	2.6	639	17.9	318	8.9	47	1.3	34	1.0
		5-9	1924	166	9.0	362	19.5	340	18.4	76	4.1	517	27.9	303	16.4	78	4.2	10	0.5
		10-14	1311	23	1.8	99	7.9	213	16.9	69	5.5	348	27.6	368	29.2	133	10.6	6	0.5
		15-20	687	7	1.1	49	7.5	99	15.1	31	4.7	160	24.4	213	32.4	95	14.5	3	0.5
	Treatment	Surgery only	3	.	.	.	.	.	.	.	.	2	66.7	.	.	.	.	1	33.3
		Chemotherapy, no radiation	3367	644	19.7	603	18.4	455	13.9	95	2.9	750	22.9	533	16.3	149	4.6	45	1.4
		Radiation, no chemotherapy	4	1	25.0	.	.	1	25.0	.	.	.	.	2	50.0	.	.	.	.
		Chemotherapy and radiation	3762	618	17.2	620	17.3	635	17.7	148	4.1	768	21.4	602	16.8	180	5.0	13	0.4
		Unknown	736	107	15.2	141	20.1	150	21.3	30	4.3	173	24.6	76	10.8	24	3.4	2	0.3
Males	All cases		4200	743	18.4	773	19.1	666	16.5	167	4.1	862	21.3	610	15.1	187	4.6	40	1.0
	Age at baseline	<18	1219	695	59.2	439	37.4	14	1.2	3	0.3	5	0.4	.	.	.	.	17	1.4
		18-19	455	10	2.3	146	33.6	163	37.6	8	1.8	98	22.6	2	0.5	.	.	7	1.6
		20-24	996	14	1.4	72	7.4	240	24.8	58	6.0	398	41.2	164	17.0	13	1.3	8	0.8
		25-29	867	13	1.6	62	7.4	148	17.7	54	6.5	210	25.1	263	31.5	82	9.8	4	0.5
		30-34	440	7	1.7	33	7.8	77	18.2	28	6.6	109	25.7	112	26.4	55	13.0	3	0.7
		35+	223	4	1.9	21	9.8	24	11.2	16	7.5	42	19.6	69	32.2	37	17.3	1	0.5
	Years since diagnosis	5-9	557	328	61.7	87	16.4	36	6.8	8	1.5	49	9.2	16	3.0	1	0.2	7	1.3
		10-14	1414	366	26.9	409	30.0	169	12.4	30	2.2	208	15.3	128	9.4	42	3.1	10	0.7
		15-19	1254	32	2.6	211	17.3	270	22.1	62	5.1	372	30.5	203	16.7	51	4.2	18	1.5
		20+	975	17	1.8	66	7.1	191	20.4	67	7.2	233	24.9	263	28.1	93	9.9	5	0.5
	Age at diagnosis	<1	112	37	34.9	21	19.8	18	17.0	4	3.8	13	12.3	7	6.6	.	.	6	5.7
		1-4	1985	587	30.7	447	23.4	299	15.6	49	2.6	324	17.0	160	8.4	22	1.2	23	1.2
		5-9	1038	100	9.9	211	21.0	184	18.3	50	5.0	258	25.6	151	15.0	46	4.6	6	0.6
		10-14	647	13	2.1	57	9.2	103	16.6	40	6.5	178	28.7	164	26.5	61	9.8	4	0.6
		15-20	418	6	1.5	37	9.1	62	15.3	24	5.9	89	22.0	128	31.6	58	14.3	1	0.2
	Treatment	Surgery only	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	100.0
		Chemotherapy, no radiation	1689	325	19.8	309	18.8	237	14.4	60	3.6	350	21.3	260	15.8	75	4.6	29	1.8
		Radiation, no chemotherapy	3	1	33.3	.	.	1	33.3	.	.	.	.	1	33.3	.	.	.	.
		Chemotherapy and radiation	2066	352	17.8	373	18.9	346	17.5	83	4.2	417	21.1	301	15.2	96	4.9	9	0.5
		Unknown	441	65	15.4	91	21.6	82	19.4	24	5.7	95	22.5	48	11.4	16	3.8	1	0.2

CCSS data from Jan2020 data freeze

Based on questionnaire items O.1/R.1

n=7 participants with no baseline information are not included

				1-8 years (grade school)		9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Females	All cases		3672	627	17.8	591	16.8	575	16.3	106	3.0	831	23.6	603	17.1	166	4.7	21	0.6
	Age at baseline	<18	1014	593	60.3	368	37.4	14	1.4	.	.	1	0.1	.	.	.	.	7	0.7
		18-19	389	6	1.6	100	27.2	144	39.1	7	1.9	109	29.6	1	0.3	.	.	1	0.3
		20-24	968	14	1.5	59	6.4	203	21.9	46	5.0	393	42.4	184	19.8	22	2.4	6	0.6
		25-29	731	8	1.1	31	4.4	118	16.9	36	5.1	204	29.1	238	34.0	61	8.7	4	0.6
		30-34	397	6	1.6	23	6.1	64	17.1	12	3.2	87	23.2	129	34.4	52	13.9	2	0.5
		35+	173	.	.	10	6.0	32	19.2	5	3.0	37	22.2	51	30.5	31	18.6	1	0.6
	Years since diagnosis	5-9	423	240	59.6	60	14.9	27	6.7	1	0.2	50	12.4	19	4.7	2	0.5	4	1.0
		10-14	1223	351	29.7	314	26.6	134	11.4	24	2.0	203	17.2	116	9.8	33	2.8	5	0.4
		15-19	1185	23	2.0	171	15.1	255	22.6	43	3.8	355	31.4	227	20.1	49	4.3	7	0.6
		20+	841	13	1.6	46	5.7	159	19.7	38	4.7	223	27.6	241	29.9	82	10.2	5	0.6
	Age at diagnosis	<1	129	55	44.4	32	25.8	14	11.3	1	0.8	16	12.9	4	3.2	.	.	2	1.6
		1-4	1724	495	29.8	354	21.3	258	15.6	43	2.6	315	19.0	158	9.5	25	1.5	11	0.7
		5-9	886	66	7.8	151	17.8	156	18.4	26	3.1	259	30.6	152	18.0	32	3.8	4	0.5
		10-14	664	10	1.6	42	6.6	110	17.2	29	4.5	170	26.6	204	31.9	72	11.3	2	0.3
		15-20	269	1	0.4	12	4.8	37	14.7	7	2.8	71	28.2	85	33.7	37	14.7	2	0.8
	Treatment	Surgery only	2	.	.	.	.	.	.	.	.	2	100.0	.	.	.	.	.	.
		Chemotherapy, no radiation	1678	319	19.6	294	18.0	218	13.4	35	2.1	400	24.6	273	16.8	74	4.5	16	1.0
		Radiation, no chemotherapy	1	.	.	.	.	.	.	.	.	.	.	1	100.0	.	.	.	.
		Chemotherapy and radiation	1696	266	16.6	247	15.4	289	18.0	65	4.0	351	21.8	301	18.7	84	5.2	4	0.2
		Unknown	295	42	14.9	50	17.8	68	24.2	6	2.1	78	27.8	28	10.0	8	2.8	1	0.4

			1-8 years (grade school)		9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other		
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	All cases		6615	1183	18.7	1158	18.3	1053	16.6	239	3.8	1425	22.5	973	15.3	272	4.3	40	0.6
	Age at baseline	<18	1940	1112	59.5	702	37.6	28	1.5	3	0.2	6	0.3	.	.	.	.	18	1.0
		18-19	730	14	2.0	206	29.8	270	39.0	15	2.2	180	26.0	3	0.4	.	.	4	0.6
		20-24	1687	26	1.6	106	6.5	377	23.3	93	5.7	685	42.3	292	18.0	32	2.0	9	0.6
		25-29	1329	17	1.3	78	6.1	226	17.7	81	6.4	346	27.1	418	32.8	106	8.3	3	0.2
		30-34	649	11	1.8	44	7.1	110	17.8	29	4.7	151	24.5	183	29.7	84	13.6	5	0.8
		35+	280	3	1.1	22	8.1	42	15.6	18	6.7	57	21.1	77	28.5	50	18.5	1	0.4
	Years since diagnosis	5-9	844	516	64.3	121	15.1	43	5.4	6	0.7	78	9.7	29	3.6	2	0.2	8	1.0
		10-14	2223	595	27.8	645	30.1	256	12.0	47	2.2	340	15.9	197	9.2	49	2.3	11	0.5
		15-19	2022	44	2.3	301	15.5	454	23.4	92	4.7	621	32.0	338	17.4	75	3.9	16	0.8
		20+	1526	28	1.9	91	6.2	300	20.6	94	6.4	386	26.5	409	28.0	146	10.0	5	0.3
	Age at diagnosis	<1	133	49	38.9	22	17.5	21	16.7	3	2.4	19	15.1	7	5.6	.	.	5	4.0
		1-4	3298	962	30.4	699	22.1	502	15.9	86	2.7	570	18.0	282	8.9	42	1.3	22	0.7
		5-9	1691	148	9.1	326	20.1	297	18.3	71	4.4	450	27.7	261	16.1	64	3.9	8	0.5
		10-14	1026	19	1.9	76	7.8	169	17.3	59	6.0	280	28.6	273	27.9	99	10.1	4	0.4
		15-20	467	5	1.1	35	7.8	64	14.3	20	4.5	106	23.7	150	33.5	67	15.0	1	0.2
	Treatment	Chemotherapy, no radiation	2684	529	20.3	496	19.0	356	13.7	74	2.8	606	23.2	407	15.6	110	4.2	30	1.2
		Radiation, no chemotherapy	4	1	25.0	.	.	1	25.0	.	.	.	.	2	50.0	.	.	.	.
		Chemotherapy and radiation	3298	552	17.6	546	17.4	566	18.1	137	4.4	667	21.3	505	16.1	149	4.8	10	0.3
		Unknown	629	101	16.9	116	19.4	130	21.7	28	4.7	152	25.4	59	9.8	13	2.2	.	.
Males	All cases		3562	641	18.7	662	19.3	562	16.4	146	4.3	744	21.7	495	14.5	147	4.3	26	0.8
	Age at baseline	<18	1060	599	58.8	385	37.8	14	1.4	3	0.3	5	0.5	.	.	.	.	12	1.2
		18-19	398	8	2.1	125	33.1	144	38.1	8	2.1	88	23.3	2	0.5	.	.	3	0.8
		20-24	857	13	1.6	60	7.2	201	24.2	50	6.0	353	42.6	135	16.3	12	1.4	5	0.6
		25-29	733	12	1.7	51	7.2	129	18.2	51	7.2	174	24.6	227	32.1	61	8.6	2	0.3
		30-34	347	6	1.8	25	7.6	57	17.2	19	5.7	90	27.2	86	26.0	45	13.6	3	0.9
		35+	167	3	1.9	16	10.0	17	10.6	15	9.4	34	21.3	45	28.1	29	18.1	1	0.6
	Years since diagnosis	5-9	481	301	65.6	74	16.1	24	5.2	5	1.1	36	7.8	14	3.1	.	.	5	1.1
		10-14	1201	300	26.0	366	31.7	144	12.5	27	2.3	173	15.0	108	9.4	30	2.6	7	0.6
		15-19	1054	24	2.4	169	16.6	229	22.5	53	5.2	330	32.4	162	15.9	42	4.1	11	1.1
		20+	826	16	2.0	53	6.7	165	20.9	61	7.7	205	26.0	211	26.7	75	9.5	3	0.4
	Age at diagnosis	<1	64	19	31.7	10	16.7	12	20.0	2	3.3	10	16.7	4	6.7	.	.	3	5.0
		1-4	1758	517	30.6	390	23.1	269	15.9	46	2.7	296	17.5	138	8.2	17	1.0	15	0.9
		5-9	922	88	9.9	190	21.3	160	18.0	48	5.4	231	26.0	130	14.6	38	4.3	5	0.6
		10-14	525	13	2.6	47	9.4	81	16.2	34	6.8	144	28.8	133	26.6	46	9.2	2	0.4
		15-20	293	4	1.4	25	8.8	40	14.0	16	5.6	63	22.1	90	31.6	46	16.1	1	0.4
	Treatment	Chemotherapy, no radiation	1344	268	20.5	251	19.2	183	14.0	42	3.2	293	22.4	195	14.9	56	4.3	19	1.5
		Radiation, no chemotherapy	3	1	33.3	.	.	1	33.3	.	.	.	.	1	33.3	.	.	.	.
		Chemotherapy and radiation	1834	311	17.8	334	19.1	309	17.7	81	4.6	368	21.0	259	14.8	80	4.6	7	0.4
		Unknown	381	61	16.8	77	21.2	69	19.0	23	6.3	83	22.8	40	11.0	11	3.0	.	.
Females	All cases		3053	542	18.6	496	17.0	491	16.8	93	3.2	681	23.3	478	16.4	125	4.3	14	0.5
	Age at baseline	<18	880	513	60.3	317	37.3	14	1.6	.	.	1	0.1	.	.	.	.	6	0.7
		18-19	332	6	1.9	81	25.8	126	40.1	7	2.2	92	29.3	1	0.3	.	.	1	0.3
		20-24	830	13	1.6	46	5.8	176	22.3	43	5.4	332	42.0	157	19.8	20	2.5	4	0.5
		25-29	596	5	0.9	27	4.8	97	17.1	30	5.3	172	30.3	191	33.6	45	7.9	1	0.2
		30-34	302	5	1.7	19	6.6	53	18.5	10	3.5	61	21.3	97	33.9	39	13.6	2	0.7

CCSS data from Jan2020 data freeze

Based on questionnaire items O.1/R.1

n=7 participants with no baseline information are not included

				1-8 years (grade school)		9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		35+	113	.	.	6	5.5	25	22.7	3	2.7	23	20.9	32	29.1	21	19.1	.	.
	Years since diagnosis	5-9	363	215	62.5	47	13.7	19	5.5	1	0.3	42	12.2	15	4.4	2	0.6	3	0.9
		10-14	1022	295	29.9	279	28.3	112	11.4	20	2.0	167	17.0	89	9.0	19	1.9	4	0.4
		15-19	968	20	2.2	132	14.3	225	24.4	39	4.2	291	31.6	176	19.1	33	3.6	5	0.5
		20+	700	12	1.8	38	5.7	135	20.1	33	4.9	181	27.0	198	29.6	71	10.6	2	0.3
	Age at diagnosis	<1	69	30	45.5	12	18.2	9	13.6	1	1.5	9	13.6	3	4.5	.	.	2	3.0
		1-4	1540	445	30.1	309	20.9	233	15.8	40	2.7	274	18.6	144	9.7	25	1.7	7	0.5
		5-9	769	60	8.2	136	18.5	137	18.6	23	3.1	219	29.8	131	17.8	26	3.5	3	0.4
		10-14	501	6	1.3	29	6.1	88	18.4	25	5.2	136	28.4	140	29.2	53	11.1	2	0.4
		15-20	174	1	0.6	10	6.1	24	14.7	4	2.5	43	26.4	60	36.8	21	12.9	.	.
	Treatment	Chemotherapy, no radiation	1340	261	20.1	245	18.8	173	13.3	32	2.5	313	24.1	212	16.3	54	4.2	11	0.8
		Radiation, no chemotherapy	1	.	.	.	.	.	.	.	.	.	.	1	100.0	.	.	.	.
		Chemotherapy and radiation	1464	241	17.4	212	15.3	257	18.6	56	4.0	299	21.6	246	17.8	69	5.0	3	0.2
		Unknown	248	40	17.0	39	16.6	61	26.0	5	2.1	69	29.4	19	8.1	2	0.9	.	.

			1-8 years (grade school)			9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	All cases		927	144	16.0	151	16.8	143	15.9	27	3.0	194	21.5	172	19.1	51	5.7	19	2.1
	Age at baseline	<18	230	136	60.7	82	36.6	.	.	.	.	.	.	.	.	.	.	6	2.7
		18-19	89	2	2.4	31	36.5	31	36.5	.	.	18	21.2	.	.	.	.	3	3.5
		20-24	199	1	0.5	20	10.2	49	24.9	8	4.1	76	38.6	37	18.8	1	0.5	5	2.5
		25-29	200	3	1.5	9	4.6	32	16.4	7	3.6	50	25.6	62	31.8	28	14.4	4	2.1
		30-34	133	1	0.8	7	5.4	21	16.3	9	7.0	35	27.1	42	32.6	14	10.9	.	.
		35+	76	1	1.4	2	2.8	10	14.1	3	4.2	15	21.1	31	43.7	8	11.3	1	1.4
	Years since diagnosis	5-9	85	37	45.1	13	15.9	12	14.6	2	2.4	9	11.0	5	6.1	1	1.2	3	3.7
		10-14	319	98	31.7	68	22.0	34	11.0	4	1.3	52	16.8	34	11.0	16	5.2	3	1.0
		15-19	323	8	2.5	62	19.7	60	19.1	11	3.5	80	25.5	68	21.7	17	5.4	8	2.5
		20+	200	1	0.5	8	4.1	37	18.9	10	5.1	53	27.0	65	33.2	17	8.7	5	2.6
	Age at diagnosis	<1	93	37	41.6	25	28.1	8	9.0	2	2.2	10	11.2	4	4.5	.	.	3	3.4
		1-4	314	90	29.0	80	25.8	48	15.5	5	1.6	48	15.5	24	7.7	4	1.3	11	3.5
		5-9	171	12	7.2	28	16.9	31	18.7	5	3.0	50	30.1	30	18.1	8	4.8	2	1.2
		10-14	198	3	1.5	12	6.2	31	16.0	7	3.6	50	25.8	66	34.0	24	12.4	1	0.5
		15-20	151	2	1.4	6	4.2	25	17.6	8	5.6	36	25.4	48	33.8	15	10.6	2	1.4
	Treatment	Surgery only	3	.	.	.	.	.	.	.	.	2	66.7	.	.	.	.	1	33.3
		Chemotherapy, no radiation	557	99	18.2	91	16.8	80	14.7	18	3.3	114	21.0	100	18.4	27	5.0	14	2.6
		Chemotherapy and radiation	295	42	14.7	47	16.5	49	17.2	7	2.5	62	21.8	60	21.1	16	5.6	2	0.7
		Unknown	72	3	4.3	13	18.6	14	20.0	2	2.9	16	22.9	12	17.1	8	11.4	2	2.9
Males	All cases		454	79	17.8	78	17.5	76	17.1	17	3.8	81	18.2	78	17.5	24	5.4	12	2.7
	Age at baseline	<18	125	74	61.2	42	34.7	.	.	.	.	.	.	.	.	.	.	5	4.1
		18-19	45	2	4.5	16	36.4	17	38.6	.	.	6	13.6	.	.	.	.	3	6.8
		20-24	95	.	.	10	10.5	28	29.5	6	6.3	30	31.6	18	18.9	.	.	3	3.2
		25-29	90	1	1.1	6	6.8	14	15.9	3	3.4	25	28.4	24	27.3	14	15.9	1	1.1
		30-34	64	1	1.6	4	6.3	14	21.9	7	10.9	16	25.0	17	26.6	5	7.8	.	.
		35+	35	1	3.0	.	.	3	9.1	1	3.0	4	12.1	19	57.6	5	15.2	.	.
	Years since diagnosis	5-9	50	20	41.7	7	14.6	7	14.6	2	4.2	7	14.6	2	4.2	1	2.1	2	4.2
		10-14	159	51	33.1	38	24.7	20	13.0	2	1.3	24	15.6	13	8.4	4	2.6	2	1.3
		15-19	149	7	4.7	30	20.3	33	22.3	7	4.7	30	20.3	27	18.2	8	5.4	6	4.1
		20+	96	1	1.1	3	3.2	16	16.8	6	6.3	20	21.1	36	37.9	11	11.6	2	2.1
	Age at diagnosis	<1	40	16	42.1	7	18.4	4	10.5	2	5.3	3	7.9	3	7.9	.	.	3	7.9
		1-4	171	53	31.4	45	26.6	26	15.4	3	1.8	19	11.2	12	7.1	4	2.4	7	4.1
		5-9	79	8	10.1	15	19.0	17	21.5	2	2.5	18	22.8	14	17.7	4	5.1	1	1.3
		10-14	81	.	.	5	6.3	12	15.0	4	5.0	26	32.5	22	27.5	10	12.5	1	1.3
		15-20	83	2	2.5	6	7.6	17	21.5	6	7.6	15	19.0	27	34.2	6	7.6	.	.
	Treatment	Surgery only	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	100.0
		Chemotherapy, no radiation	269	49	18.6	48	18.2	42	15.9	16	6.1	41	15.5	46	17.4	13	4.9	9	3.4
		Chemotherapy and radiation	145	29	20.4	24	16.9	24	16.9	.	.	30	21.1	27	19.0	7	4.9	1	0.7
		Unknown	39	1	2.6	6	15.8	10	26.3	1	2.6	10	26.3	5	13.2	4	10.5	1	2.6
Females	All cases		473	65	14.3	73	16.0	67	14.7	10	2.2	113	24.8	94	20.6	27	5.9	7	1.5
	Age at baseline	<18	105	62	60.2	40	38.8	.	.	.	.	.	.	.	.	.	.	1	1.0
		18-19	44	.	.	15	36.6	14	34.1	.	.	12	29.3	.	.	.	.	.	.
		20-24	104	1	1.0	10	9.8	21	20.6	2	2.0	46	45.1	19	18.6	1	1.0	2	2.0
		25-29	110	2	1.9	3	2.8	18	16.8	4	3.7	25	23.4	38	35.5	14	13.1	3	2.8
		30-34	69	.	.	3	4.6	7	10.8	2	3.1	19	29.2	25	38.5	9	13.8	.	.

CCSS data from Jan2020 data freeze

Based on questionnaire items O.1/R.1

n=7 participants with no baseline information are not included

			1-8 years (grade school)			9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		35+	41	.	.	2	5.3	7	18.4	2	5.3	11	28.9	12	31.6	3	7.9	1	2.6
	<b>Years since diagnosis</b>	5-9	35	17	50.0	6	17.6	5	14.7	.	.	2	5.9	3	8.8	.	.	1	2.9
		10-14	160	47	30.3	30	19.4	14	9.0	2	1.3	28	18.1	21	13.5	12	7.7	1	0.6
		15-19	174	1	0.6	32	19.3	27	16.3	4	2.4	50	30.1	41	24.7	9	5.4	2	1.2
		20+	104	.	.	5	5.0	21	20.8	4	4.0	33	32.7	29	28.7	6	5.9	3	3.0
	<b>Age at diagnosis</b>	<1	53	21	41.2	18	35.3	4	7.8	.	.	7	13.7	1	2.0	.	.	.	.
		1-4	143	37	26.2	35	24.8	22	15.6	2	1.4	29	20.6	12	8.5	.	.	4	2.8
		5-9	92	4	4.6	13	14.9	14	16.1	3	3.4	32	36.8	16	18.4	4	4.6	1	1.1
		10-14	117	3	2.6	7	6.1	19	16.7	3	2.6	24	21.1	44	38.6	14	12.3	.	.
		15-20	68	.	.	.	.	8	12.7	2	3.2	21	33.3	21	33.3	9	14.3	2	3.2
	<b>Treatment</b>	Surgery only	2	.	.	.	.	.	.	.	.	2	100.0	.	.	.	.	.	.
		Chemotherapy, no radiation	288	50	17.9	43	15.4	38	13.6	2	0.7	73	26.2	54	19.4	14	5.0	5	1.8
		Chemotherapy and radiation	150	13	9.1	23	16.1	25	17.5	7	4.9	32	22.4	33	23.1	9	6.3	1	0.7
		Unknown	33	2	6.3	7	21.9	4	12.5	1	3.1	6	18.8	7	21.9	4	12.5	1	3.1

			1-8 years (grade school)		9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other		
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%		
Both sexes	All cases		4490	590	13.7	615	14.3	982	22.9	178	4.1	973	22.7	698	16.3	183	4.3	76	1.8
	Age at baseline	<18	953	519	57.9	329	36.7	18	2.0	.	.	.	.	.	.	1	0.1	30	3.3
		18-19	377	16	4.4	94	25.9	136	37.5	8	2.2	102	28.1	2	0.6	1	0.3	4	1.1
		20-24	1179	18	1.6	81	7.1	354	31.2	49	4.3	421	37.1	168	14.8	22	1.9	22	1.9
		25-29	1084	18	1.7	62	6.0	278	26.8	65	6.3	259	25.0	267	25.7	72	6.9	16	1.5
		30-34	623	14	2.3	33	5.5	148	24.6	39	6.5	129	21.5	174	29.0	61	10.1	3	0.5
		35+	274	5	1.9	16	6.1	48	18.3	17	6.5	62	23.7	87	33.2	26	9.9	1	0.4
	Years since diagnosis	5-9	463	202	47.6	66	15.6	52	12.3	14	3.3	56	13.2	18	4.2	4	0.9	12	2.8
		10-14	1540	317	21.4	323	21.8	280	18.9	38	2.6	295	19.9	168	11.3	38	2.6	22	1.5
		15-19	1415	43	3.2	152	11.2	357	26.3	54	4.0	389	28.7	261	19.2	74	5.5	26	1.9
		20+	1072	28	2.7	74	7.2	293	28.3	72	7.0	233	22.5	251	24.3	67	6.5	16	1.5
	Age at diagnosis	<1	218	85	43.1	47	23.9	29	14.7	2	1.0	19	9.6	7	3.6	.	.	8	4.1
		1-4	1322	366	28.9	270	21.3	260	20.5	30	2.4	201	15.9	86	6.8	8	0.6	46	3.6
		5-9	1405	113	8.4	198	14.6	371	27.4	59	4.4	363	26.8	181	13.4	54	4.0	13	1.0
		10-14	1067	19	1.9	75	7.4	226	22.2	54	5.3	272	26.7	284	27.9	81	7.9	8	0.8
		15-20	478	7	1.5	25	5.4	96	20.9	33	7.2	118	25.7	140	30.4	40	8.7	1	0.2
	Treatment	Surgery only	1272	106	8.6	153	12.4	216	17.5	50	4.1	333	27.0	274	22.2	87	7.1	13	1.1
		Chemotherapy, no radiation	355	60	17.3	63	18.2	65	18.8	11	3.2	83	24.0	37	10.7	12	3.5	15	4.3
		Radiation, no chemotherapy	1171	156	14.1	145	13.1	259	23.5	55	5.0	253	22.9	180	16.3	47	4.3	8	0.7
		Chemotherapy and radiation	1249	212	17.7	192	16.1	317	26.5	47	3.9	207	17.3	158	13.2	30	2.5	33	2.8
		Unknown	443	56	13.4	62	14.8	125	29.9	15	3.6	97	23.2	49	11.7	7	1.7	7	1.7
Males	All cases		2452	326	13.9	345	14.7	557	23.7	111	4.7	536	22.8	344	14.7	89	3.8	39	1.7
	Age at baseline	<18	529	289	58.1	182	36.6	7	1.4	.	.	.	.	.	.	1	0.2	18	3.6
		18-19	191	9	4.9	47	25.7	71	38.8	5	2.7	48	26.2	.	.	1	0.5	2	1.1
		20-24	633	8	1.3	49	8.0	198	32.4	30	4.9	225	36.8	82	13.4	9	1.5	10	1.6
		25-29	618	11	1.9	40	6.7	169	28.5	39	6.6	146	24.6	134	22.6	45	7.6	9	1.5
		30-34	332	8	2.5	19	6.0	82	25.8	24	7.5	77	24.2	85	26.7	23	7.2	.	.
		35+	149	1	0.7	8	5.5	30	20.7	13	9.0	40	27.6	43	29.7	10	6.9	.	.
	Years since diagnosis	5-9	263	111	46.6	35	14.7	31	13.0	10	4.2	32	13.4	8	3.4	1	0.4	10	4.2
		10-14	832	180	22.5	175	21.9	165	20.6	20	2.5	152	19.0	79	9.9	20	2.5	9	1.1
		15-19	772	22	3.0	95	12.8	203	27.3	35	4.7	207	27.9	129	17.4	38	5.1	14	1.9
		20+	585	13	2.3	40	7.1	158	27.9	46	8.1	145	25.6	128	22.6	30	5.3	6	1.1
	Age at diagnosis	<1	128	50	43.1	29	25.0	17	14.7	2	1.7	13	11.2	2	1.7	.	.	3	2.6
		1-4	698	199	29.7	149	22.2	120	17.9	18	2.7	107	16.0	48	7.2	4	0.6	25	3.7
		5-9	786	63	8.3	105	13.9	227	29.9	36	4.7	203	26.8	83	10.9	32	4.2	9	1.2
		10-14	570	10	1.8	49	9.0	132	24.4	34	6.3	140	25.8	136	25.1	39	7.2	2	0.4
		15-20	270	4	1.5	13	5.0	61	23.4	21	8.0	73	28.0	75	28.7	14	5.4	.	.
	Treatment	Surgery only	649	59	9.4	86	13.8	110	17.6	30	4.8	178	28.5	123	19.7	35	5.6	4	0.6
		Chemotherapy, no radiation	191	28	15.1	35	18.8	39	21.0	8	4.3	42	22.6	18	9.7	9	4.8	7	3.8
		Radiation, no chemotherapy	616	81	13.8	77	13.2	145	24.8	34	5.8	141	24.1	81	13.8	22	3.8	4	0.7
		Chemotherapy and radiation	742	126	17.7	111	15.6	194	27.3	30	4.2	119	16.7	92	12.9	20	2.8	19	2.7
		Unknown	254	32	13.3	36	15.0	69	28.8	9	3.8	56	23.3	30	12.5	3	1.3	5	2.1
Females	All cases		2038	264	13.6	270	13.9	425	21.8	67	3.4	437	22.4	354	18.2	94	4.8	37	1.9
	Age at baseline	<18	424	230	57.5	147	36.8	11	2.8	.	.	.	.	.	.	.	.	12	3.0
		18-19	186	7	3.9	47	26.1	65	36.1	3	1.7	54	30.0	2	1.1	.	.	2	1.1
		20-24	546	10	1.9	32	6.1	156	29.8	19	3.6	196	37.4	86	16.4	13	2.5	12	2.3

CCSS data from Jan2020 data freeze

Based on questionnaire items O.1/R.1

n=7 participants with no baseline information are not included

			1-8 years (grade school)			9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		25-29	466	7	1.6	22	5.0	109	24.5	26	5.9	113	25.5	133	30.0	27	6.1	7	1.6
		30-34	291	6	2.1	14	4.9	66	23.3	15	5.3	52	18.4	89	31.4	38	13.4	3	1.1
		35+	125	4	3.4	8	6.8	18	15.4	4	3.4	22	18.8	44	37.6	16	13.7	1	0.9
	Years since diagnosis	5-9	200	91	48.9	31	16.7	21	11.3	4	2.2	24	12.9	10	5.4	3	1.6	2	1.1
		10-14	708	137	20.1	148	21.7	115	16.9	18	2.6	143	21.0	89	13.1	18	2.6	13	1.9
		15-19	643	21	3.4	57	9.3	154	25.1	19	3.1	182	29.7	132	21.5	36	5.9	12	2.0
		20+	487	15	3.2	34	7.3	135	28.8	26	5.6	88	18.8	123	26.3	37	7.9	10	2.1
	Age at diagnosis	<1	90	35	43.2	18	22.2	12	14.8	.	.	6	7.4	5	6.2	.	.	5	6.2
		1-4	624	167	28.0	121	20.3	140	23.5	12	2.0	94	15.7	38	6.4	4	0.7	21	3.5
		5-9	619	50	8.4	93	15.7	144	24.2	23	3.9	160	26.9	98	16.5	22	3.7	4	0.7
		10-14	497	9	1.9	26	5.5	94	19.7	20	4.2	132	27.7	148	31.0	42	8.8	6	1.3
		15-20	208	3	1.5	12	6.0	35	17.6	12	6.0	45	22.6	65	32.7	26	13.1	1	0.5
	Treatment	Surgery only	623	47	7.7	67	11.0	106	17.5	20	3.3	155	25.5	151	24.9	52	8.6	9	1.5
		Chemotherapy, no radiation	164	32	20.0	28	17.5	26	16.3	3	1.9	41	25.6	19	11.9	3	1.9	8	5.0
		Radiation, no chemotherapy	555	75	14.5	68	13.1	114	22.0	21	4.1	112	21.6	99	19.1	25	4.8	4	0.8
		Chemotherapy and radiation	507	86	17.7	81	16.7	123	25.4	17	3.5	88	18.1	66	13.6	10	2.1	14	2.9
		Unknown	189	24	13.5	26	14.6	56	31.5	6	3.4	41	23.0	19	10.7	4	2.2	2	1.1

			1-8 years (grade school)		9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other		
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%		
Both sexes	All cases		2688	327	12.7	330	12.9	573	22.3	110	4.3	605	23.6	445	17.3	134	5.2	42	1.6
	Age at baseline	<18	528	284	58.0	175	35.7	14	2.9	.	.	.	.	.	.	.	.	17	3.5
		18-19	215	7	3.4	45	21.7	82	39.6	5	2.4	63	30.4	1	0.5	.	.	4	1.9
		20-24	713	13	1.9	45	6.6	194	28.3	30	4.4	269	39.2	112	16.3	14	2.0	9	1.3
		25-29	664	11	1.7	33	5.2	165	26.0	37	5.8	160	25.2	164	25.9	54	8.5	10	1.6
		30-34	386	10	2.7	19	5.1	90	23.9	26	6.9	73	19.4	110	29.3	46	12.2	2	0.5
		35+	182	2	1.2	13	7.5	28	16.2	12	6.9	40	23.1	58	33.5	20	11.6	.	.
	Years since diagnosis	5-9	237	102	47.2	23	10.6	36	16.7	6	2.8	27	12.5	13	6.0	2	0.9	7	3.2
		10-14	906	182	21.0	182	21.0	165	19.0	21	2.4	177	20.4	96	11.1	31	3.6	13	1.5
		15-19	831	24	3.0	78	9.8	193	24.3	34	4.3	244	30.7	162	20.4	47	5.9	13	1.6
		20+	714	19	2.8	47	6.8	179	26.0	49	7.1	157	22.8	174	25.3	54	7.8	9	1.3
	Age at diagnosis	<1	150	56	42.7	26	19.8	18	13.7	2	1.5	16	12.2	6	4.6	.	.	7	5.3
		1-4	801	206	26.9	151	19.7	156	20.3	20	2.6	144	18.8	60	7.8	7	0.9	23	3.0
		5-9	793	49	6.5	95	12.5	200	26.4	34	4.5	219	28.9	119	15.7	36	4.7	6	0.8
		10-14	641	14	2.3	43	6.9	135	21.8	33	5.3	154	24.9	175	28.3	60	9.7	5	0.8
		15-20	303	2	0.7	15	5.2	64	22.0	21	7.2	72	24.7	85	29.2	31	10.7	1	0.3
	Treatment	Surgery only	1047	79	7.8	117	11.6	179	17.7	44	4.3	274	27.1	232	22.9	78	7.7	9	0.9
		Chemotherapy, no radiation	255	43	17.3	39	15.7	49	19.8	10	4.0	60	24.2	27	10.9	9	3.6	11	4.4
		Radiation, no chemotherapy	730	97	14.1	85	12.4	170	24.8	33	4.8	155	22.6	110	16.0	31	4.5	5	0.7
		Chemotherapy and radiation	371	70	19.9	49	14.0	97	27.6	13	3.7	50	14.2	45	12.8	13	3.7	14	4.0
		Unknown	285	38	14.1	40	14.9	78	29.0	10	3.7	66	24.5	31	11.5	3	1.1	3	1.1
Males	All cases		1405	180	13.4	171	12.8	305	22.7	67	5.0	335	25.0	202	15.1	61	4.5	20	1.5
	Age at baseline	<18	279	156	60.9	86	33.6	5	2.0	.	.	.	.	.	.	.	.	9	3.5
		18-19	109	4	3.8	22	21.2	41	39.4	4	3.8	31	29.8	.	.	.	.	2	1.9
		20-24	354	5	1.5	27	7.8	102	29.7	16	4.7	137	39.8	49	14.2	4	1.2	4	1.2
		25-29	371	9	2.5	20	5.6	93	26.3	23	6.5	94	26.6	75	21.2	35	9.9	5	1.4
		30-34	195	6	3.2	10	5.3	49	25.9	15	7.9	45	23.8	49	25.9	15	7.9	.	.
		35+	97	.	.	6	6.4	15	16.0	9	9.6	28	29.8	29	30.9	7	7.4	.	.
	Years since diagnosis	5-9	125	53	47.3	9	8.0	20	17.9	4	3.6	16	14.3	5	4.5	.	.	5	4.5
		10-14	479	106	23.2	93	20.4	94	20.6	12	2.6	91	19.9	39	8.5	16	3.5	6	1.3
		15-19	422	12	3.0	43	10.6	100	24.7	20	4.9	129	31.9	72	17.8	23	5.7	6	1.5
		20+	379	9	2.5	26	7.1	91	24.8	31	8.4	99	27.0	86	23.4	22	6.0	3	0.8
	Age at diagnosis	<1	86	30	40.5	16	21.6	11	14.9	2	2.7	10	13.5	2	2.7	.	.	3	4.1
		1-4	403	115	29.7	75	19.4	64	16.5	12	3.1	76	19.6	32	8.3	3	0.8	10	2.6
		5-9	421	26	6.5	46	11.4	117	29.1	20	5.0	120	29.9	49	12.2	19	4.7	5	1.2
		10-14	328	8	2.5	27	8.6	75	23.8	20	6.3	81	25.7	73	23.2	29	9.2	2	0.6
		15-20	167	1	0.6	7	4.3	38	23.3	13	8.0	48	29.4	46	28.2	10	6.1	.	.
	Treatment	Surgery only	524	43	8.5	60	11.9	92	18.3	26	5.2	152	30.2	101	20.0	28	5.6	2	0.4
		Chemotherapy, no radiation	142	21	15.2	23	16.7	30	21.7	7	5.1	32	23.2	13	9.4	6	4.3	6	4.3
		Radiation, no chemotherapy	370	49	13.9	40	11.3	95	26.9	20	5.7	84	23.8	47	13.3	16	4.5	2	0.6
		Chemotherapy and radiation	211	44	22.2	26	13.1	47	23.7	8	4.0	29	14.6	26	13.1	10	5.1	8	4.0
		Unknown	158	23	15.5	22	14.9	41	27.7	6	4.1	38	25.7	15	10.1	1	0.7	2	1.4
Females	All cases		1283	147	12.0	159	13.0	268	21.9	43	3.5	270	22.0	243	19.8	73	6.0	22	1.8
	Age at baseline	<18	249	128	54.7	89	38.0	9	3.8	.	.	.	.	.	.	.	.	8	3.4
		18-19	106	3	2.9	23	22.3	41	39.8	1	1.0	32	31.1	1	1.0	.	.	2	1.9
		20-24	359	8	2.3	18	5.3	92	26.9	14	4.1	132	38.6	63	18.4	10	2.9	5	1.5

CCSS data from Jan2020 data freeze

Based on questionnaire items O.1/R.1

n=7 participants with no baseline information are not included

			1-8 years (grade school)			9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		25-29	293	2	0.7	13	4.6	72	25.7	14	5.0	66	23.6	89	31.8	19	6.8	5	1.8
		30-34	191	4	2.1	9	4.8	41	21.9	11	5.9	28	15.0	61	32.6	31	16.6	2	1.1
		35+	85	2	2.5	7	8.9	13	16.5	3	3.8	12	15.2	29	36.7	13	16.5	.	.
	Years since diagnosis	5-9	112	49	47.1	14	13.5	16	15.4	2	1.9	11	10.6	8	7.7	2	1.9	2	1.9
		10-14	427	76	18.5	89	21.7	71	17.3	9	2.2	86	21.0	57	13.9	15	3.7	7	1.7
		15-19	409	12	3.1	35	9.0	93	23.8	14	3.6	115	29.5	90	23.1	24	6.2	7	1.8
		20+	335	10	3.1	21	6.5	88	27.4	18	5.6	58	18.1	88	27.4	32	10.0	6	1.9
	Age at diagnosis	<1	64	26	45.6	10	17.5	7	12.3	.	.	6	10.5	4	7.0	.	.	4	7.0
		1-4	398	91	23.9	76	20.0	92	24.2	8	2.1	68	17.9	28	7.4	4	1.1	13	3.4
		5-9	372	23	6.5	49	13.8	83	23.3	14	3.9	99	27.8	70	19.7	17	4.8	1	0.3
		10-14	313	6	2.0	16	5.3	60	19.7	13	4.3	73	24.0	102	33.6	31	10.2	3	1.0
		15-20	136	1	0.8	8	6.3	26	20.3	8	6.3	24	18.8	39	30.5	21	16.4	1	0.8
	Treatment	Surgery only	523	36	7.1	57	11.2	87	17.1	18	3.5	122	24.0	131	25.8	50	9.8	7	1.4
		Chemotherapy, no radiation	113	22	20.0	16	14.5	19	17.3	3	2.7	28	25.5	14	12.7	3	2.7	5	4.5
		Radiation, no chemotherapy	360	48	14.4	45	13.5	75	22.5	13	3.9	71	21.3	63	18.9	15	4.5	3	0.9
		Chemotherapy and radiation	160	26	17.0	23	15.0	50	32.7	5	3.3	21	13.7	19	12.4	3	2.0	6	3.9
		Unknown	127	15	12.4	18	14.9	37	30.6	4	3.3	28	23.1	16	13.2	2	1.7	1	0.8

			1-8 years (grade school)			9-12 years (high school) not graduate			Completed high school			Post high school not college			Some college			College graduate			Post graduate level			Other		
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
Both sexes	All cases		1040	149	14.9	172	17.2	261	26.2	45	4.5	196	19.6	134	13.4	23	2.3	18	1.8							
	Age at baseline	<18	246	134	57.0	92	39.1	3	1.3	.	.	.	.	.	.	1	0.4	5	2.1							
		18-19	83	4	5.0	27	33.8	27	33.8	1	1.3	20	25.0	.	.	1	1.3	.	.							
		20-24	291	3	1.1	24	8.5	109	38.7	15	5.3	88	31.2	31	11.0	4	1.4	8	2.8							
		25-29	252	4	1.7	21	8.8	73	30.4	17	7.1	57	23.8	58	24.2	7	2.9	3	1.3							
		30-34	131	3	2.4	6	4.8	39	31.2	11	8.8	25	20.0	32	25.6	8	6.4	1	0.8							
		35+	37	1	2.8	2	5.6	10	27.8	1	2.8	6	16.7	13	36.1	2	5.6	1	2.8							
	Years since diagnosis	5-9	124	59	52.2	29	25.7	7	6.2	4	3.5	11	9.7	1	0.9	1	0.9	1	0.9							
		10-14	355	74	21.6	80	23.3	66	19.2	10	2.9	67	19.5	36	10.5	4	1.2	6	1.7							
		15-19	344	11	3.3	45	13.7	109	33.1	17	5.2	77	23.4	53	16.1	12	3.6	5	1.5							
		20+	217	5	2.3	18	8.5	79	37.1	14	6.6	41	19.2	44	20.7	6	2.8	6	2.8							
	Age at diagnosis	<1	28	11	40.7	8	29.6	6	22.2	.	.	1	3.7	.	.	.	.	1	3.7							
		1-4	298	86	30.0	69	24.0	67	23.3	6	2.1	30	10.5	16	5.6	1	0.3	12	4.2							
		5-9	422	47	11.4	71	17.2	124	30.1	21	5.1	95	23.1	40	9.7	11	2.7	3	0.7							
		10-14	230	3	1.4	20	9.4	55	25.8	13	6.1	56	26.3	57	26.8	7	3.3	2	0.9							
		15-20	62	2	3.4	4	6.8	9	15.3	5	8.5	14	23.7	21	35.6	4	6.8	.	.							
	Treatment	Surgery only	8	.	.	2	25.0	3	37.5	.	.	1	12.5	2	25.0	.	.	.	.							
		Chemotherapy, no radiation	53	8	15.4	16	30.8	9	17.3	1	1.9	10	19.2	4	7.7	2	3.8	2	3.8							
		Radiation, no chemotherapy	208	34	17.0	32	16.0	43	21.5	13	6.5	45	22.5	28	14.0	5	2.5	.	.							
		Chemotherapy and radiation	692	99	14.9	110	16.6	185	27.9	28	4.2	126	19.0	89	13.4	14	2.1	13	2.0							
		Unknown	79	8	10.8	12	16.2	21	28.4	3	4.1	14	18.9	11	14.9	2	2.7	3	4.1							
Males	All cases		632	88	14.5	102	16.8	177	29.1	28	4.6	110	18.1	79	13.0	15	2.5	9	1.5							
	Age at baseline	<18	147	79	56.0	55	39.0	2	1.4	.	.	.	.	.	.	1	0.7	4	2.8							
		18-19	47	2	4.4	12	26.7	18	40.0	1	2.2	11	24.4	.	.	1	2.2	.	.							
		20-24	185	2	1.1	15	8.3	75	41.7	11	6.1	49	27.2	21	11.7	4	2.2	3	1.7							
		25-29	157	2	1.3	16	10.6	53	35.1	8	5.3	32	21.2	34	22.5	4	2.6	2	1.3							
		30-34	73	2	2.9	2	2.9	22	32.4	7	10.3	13	19.1	18	26.5	4	5.9	.	.							
		35+	23	1	4.3	2	8.7	7	30.4	1	4.3	5	21.7	6	26.1	1	4.3	.	.							
	Years since diagnosis	5-9	76	36	52.2	17	24.6	5	7.2	3	4.3	5	7.2	1	1.4	1	1.4	1	1.4							
		10-14	208	43	21.4	44	21.9	47	23.4	4	2.0	37	18.4	20	10.0	3	1.5	3	1.5							
		15-19	217	5	2.4	31	14.8	76	36.4	12	5.7	43	20.6	33	15.8	7	3.3	2	1.0							
		20+	131	4	3.1	10	7.8	49	38.0	9	7.0	25	19.4	25	19.4	4	3.1	3	2.3							
	Age at diagnosis	<1	16	8	50.0	3	18.8	4	25.0	.	.	1	6.3	.	.	.	.	.	.							
		1-4	180	48	27.7	42	24.3	43	24.9	4	2.3	15	8.7	12	6.9	1	0.6	8	4.6							
		5-9	267	28	10.6	42	16.0	88	33.5	14	5.3	59	22.4	23	8.7	8	3.0	1	0.4							
		10-14	132	2	1.6	13	10.7	35	28.7	7	5.7	28	23.0	32	26.2	5	4.1	.	.							
		15-20	37	2	5.9	2	5.9	7	20.6	3	8.8	7	20.6	12	35.3	1	2.9	.	.							
	Treatment	Surgery only	5	.	.	1	20.0	3	60.0	.	.	.	.	1	20.0	.	.	.	.							
		Chemotherapy, no radiation	27	3	11.1	6	22.2	7	25.9	1	3.7	4	14.8	4	14.8	2	7.4	.	.							
		Radiation, no chemotherapy	115	17	15.5	21	19.1	27	24.5	6	5.5	23	20.9	13	11.8	3	2.7	.	.							
		Chemotherapy and radiation	437	63	15.0	67	16.0	129	30.7	19	4.5	75	17.9	51	12.1	9	2.1	7	1.7							
		Unknown	48	5	10.9	7	15.2	11	23.9	2	4.3	8	17.4	10	21.7	1	2.2	2	4.3							
Females	All cases		408	61	15.6	70	17.9	84	21.5	17	4.4	86	22.1	55	14.1	8	2.1	9	2.3							
	Age at baseline	<18	99	55	58.5	37	39.4	1	1.1	.	.	.	.	.	.	.	.	1	1.1							
		18-19	36	2	5.7	15	42.9	9	25.7	.	.	9	25.7	.	.	.	.	.	.							
		20-24	106	1	1.0	9	8.8	34	33.3	4	3.9	39	38.2	10	9.8	.	.	5	4.9							

CCSS data from Jan2020 data freeze

Based on questionnaire items O.1/R.1

n=7 participants with no baseline information are not included

			1-8 years (grade school)			9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		25-29	95	2	2.2	5	5.6	20	22.5	9	10.1	25	28.1	24	27.0	3	3.4	1	1.1
		30-34	58	1	1.8	4	7.0	17	29.8	4	7.0	12	21.1	14	24.6	4	7.0	1	1.8
		35+	14	.	.	.	.	3	23.1	.	.	1	7.7	7	53.8	1	7.7	1	7.7
	Years since diagnosis	5-9	48	23	52.3	12	27.3	2	4.5	1	2.3	6	13.6	.	.	.	.	.	.
		10-14	147	31	21.8	36	25.4	19	13.4	6	4.2	30	21.1	16	11.3	1	0.7	3	2.1
		15-19	127	6	5.0	14	11.7	33	27.5	5	4.2	34	28.3	20	16.7	5	4.2	3	2.5
		20+	86	1	1.2	8	9.5	30	35.7	5	6.0	16	19.0	19	22.6	2	2.4	3	3.6
	Age at diagnosis	<1	12	3	27.3	5	45.5	2	18.2	.	.	.	.	.	.	.	.	1	9.1
		1-4	118	38	33.3	27	23.7	24	21.1	2	1.8	15	13.2	4	3.5	.	.	4	3.5
		5-9	155	19	12.8	29	19.5	36	24.2	7	4.7	36	24.2	17	11.4	3	2.0	2	1.3
		10-14	98	1	1.1	7	7.7	20	22.0	6	6.6	28	30.8	25	27.5	2	2.2	2	2.2
		15-20	25	.	.	2	8.0	2	8.0	2	8.0	7	28.0	9	36.0	3	12.0	.	.
	Treatment	Surgery only	3	.	.	1	33.3	.	.	.	.	1	33.3	1	33.3	.	.	.	.
		Chemotherapy, no radiation	26	5	20.0	10	40.0	2	8.0	.	.	6	24.0	.	.	.	.	2	8.0
		Radiation, no chemotherapy	93	17	18.9	11	12.2	16	17.8	7	7.8	22	24.4	15	16.7	2	2.2	.	.
		Chemotherapy and radiation	255	36	14.8	43	17.6	56	23.0	9	3.7	51	20.9	38	15.6	5	2.0	6	2.5
		Unknown	31	3	10.7	5	17.9	10	35.7	1	3.6	6	21.4	1	3.6	1	3.6	1	3.6

					1-8 years (grade school)		9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
Both sexes	All cases		3107	46	1.5	199	6.6	500	16.6	169	5.6	834	27.7	872	29.0	382	12.7	4	0.1	
	Age at baseline	<18	61	20	33.9	35	59.3	4	6.8	.	.	.	.	.	.	.	.	.	.	
		18-19	62	1	1.7	8	13.6	21	35.6	3	5.1	26	44.1	.	.	.	.	.	.	
		20-24	376	3	0.8	27	7.3	76	20.7	7	1.9	160	43.5	82	22.3	13	3.5	.	.	
		25-29	798	7	0.9	45	5.8	135	17.5	50	6.5	187	24.3	267	34.6	79	10.2	1	0.1	
		30-34	949	7	0.8	53	5.8	145	15.8	48	5.2	243	26.5	278	30.3	142	15.5	1	0.1	
		35+	861	8	1.0	31	3.7	119	14.3	61	7.3	218	26.2	245	29.4	148	17.8	2	0.2	
	Years since diagnosis	5-9	242	13	5.4	26	10.9	55	23.0	11	4.6	91	38.1	35	14.6	8	3.3	.	.	
		10-14	947	17	1.9	74	8.1	129	14.2	47	5.2	255	28.0	285	31.3	103	11.3	.	.	
		15-19	1010	6	0.6	55	5.6	172	17.6	54	5.5	257	26.3	297	30.4	132	13.5	4	0.4	
		20+	908	10	1.1	44	5.0	144	16.4	57	6.5	231	26.3	255	29.0	139	15.8	.	.	
	Age at diagnosis	1-4	84	8	9.9	19	23.5	15	18.5	3	3.7	24	29.6	12	14.8	.	.	.	.	
		5-9	421	16	4.0	55	13.6	89	22.0	19	4.7	120	29.7	78	19.3	27	6.7	.	.	
		10-14	1118	9	0.8	63	5.8	183	16.9	53	4.9	304	28.0	352	32.5	118	10.9	2	0.2	
		15-20	1484	13	0.9	62	4.3	213	14.8	94	6.5	386	26.9	430	29.9	237	16.5	2	0.1	
	Treatment	Surgery only	2	.	.	.	.	.	.	.	.	1	50.0	1	50.0	.	.	.	.	
		Chemotherapy, no radiation	363	4	1.1	21	5.9	62	17.3	18	5.0	88	24.6	121	33.8	43	12.0	1	0.3	
		Radiation, no chemotherapy	651	12	1.9	26	4.1	88	13.9	39	6.2	169	26.7	197	31.2	100	15.8	1	0.2	
		Chemotherapy and radiation	1759	24	1.4	113	6.6	272	16.0	100	5.9	492	28.9	484	28.5	214	12.6	2	0.1	
		Unknown	332	6	1.9	39	12.5	78	24.9	12	3.8	84	26.8	69	22.0	25	8.0	.	.	
Males	All cases		1631	30	1.9	136	8.6	308	19.4	94	5.9	432	27.2	418	26.3	168	10.6	2	0.1	
	Age at baseline	<18	46	19	41.3	25	54.3	2	4.3	.	.	.	.	.	.	.	.	.	.	
		18-19	49	.	.	7	15.2	17	37.0	3	6.5	19	41.3	.	.	.	.	.	.	
		20-24	239	2	0.8	22	9.3	55	23.3	4	1.7	104	44.1	41	17.4	8	3.4	.	.	
		25-29	445	4	0.9	28	6.5	85	19.6	32	7.4	104	24.0	142	32.7	38	8.8	1	0.2	
		30-34	480	4	0.9	33	7.1	91	19.6	29	6.3	115	24.8	135	29.1	57	12.3	.	.	
		35+	372	1	0.3	21	5.8	58	16.0	26	7.2	90	24.9	100	27.6	65	18.0	1	0.3	
	Years since diagnosis	5-9	138	13	9.5	17	12.4	35	25.5	5	3.6	46	33.6	15	10.9	6	4.4	.	.	
		10-14	492	11	2.3	49	10.1	80	16.6	29	6.0	142	29.4	135	28.0	37	7.7	.	.	
		15-19	539	3	0.6	41	7.9	99	19.0	34	6.5	132	25.3	146	28.0	64	12.3	2	0.4	
		20+	462	3	0.7	29	6.5	94	21.0	26	5.8	112	25.1	122	27.3	61	13.6	.	.	
	Age at diagnosis	1-4	63	8	13.1	16	26.2	11	18.0	3	4.9	19	31.1	4	6.6	.	.	.	.	
		5-9	305	12	4.1	45	15.3	77	26.2	16	5.4	79	26.9	52	17.7	13	4.4	.	.	
		10-14	579	5	0.9	34	6.0	105	18.6	31	5.5	159	28.1	172	30.4	58	10.3	1	0.2	
		15-20	684	5	0.7	41	6.1	115	17.2	44	6.6	175	26.2	190	28.4	97	14.5	1	0.1	
	Treatment	Surgery only	1	.	.	.	.	.	.	.	.	1	100.0	.	.	.	.	.	.	
		Chemotherapy, no radiation	186	4	2.2	12	6.5	42	22.6	13	7.0	48	25.8	50	26.9	16	8.6	1	0.5	
		Radiation, no chemotherapy	336	8	2.4	19	5.8	52	15.9	17	5.2	86	26.2	93	28.4	53	16.2	.	.	
		Chemotherapy and radiation	911	15	1.7	74	8.3	160	18.0	58	6.5	248	28.0	240	27.1	91	10.3	1	0.1	
		Unknown	197	3	1.6	31	16.7	54	29.0	6	3.2	49	26.3	35	18.8	8	4.3	.	.	
Females	All cases		1476	16	1.1	63	4.4	192	13.5	75	5.3	402	28.3	454	32.0	214	15.1	2	0.1	
	Age at baseline	<18	15	1	7.7	10	76.9	2	15.4	.	.	.	.	.	.	.	.	.	.	
		18-19	13	1	7.7	1	7.7	4	30.8	.	.	7	53.8	.	.	.	.	.	.	
		20-24	137	1	0.8	5	3.8	21	15.9	3	2.3	56	42.4	41	31.1	5	3.8	.	.	
		25-29	353	3	0.9	17	5.0	50	14.8	18	5.3	83	24.6	125	37.1	41	12.2	.	.	
		30-34	469	3	0.7	20	4.4	54	11.9	19	4.2	128	28.3	143	31.6	85	18.8	1	0.2	

CCSS data from Jan2020 data freeze

Based on questionnaire items O.1/R.1

n=7 participants with no baseline information are not included

				1-8 years (grade school)		9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		35+	489	7	1.5	10	2.1	61	13.0	35	7.4	128	27.2	145	30.9	83	17.7	1	0.2
	Years since diagnosis	5-9	104	.	.	9	8.8	20	19.6	6	5.9	45	44.1	20	19.6	2	2.0	.	.
		10-14	455	6	1.4	25	5.9	49	11.5	18	4.2	113	26.5	150	35.1	66	15.5	.	.
		15-19	471	3	0.7	14	3.1	73	16.0	20	4.4	125	27.4	151	33.1	68	14.9	2	0.4
		20+	446	7	1.6	15	3.5	50	11.5	31	7.2	119	27.5	133	30.7	78	18.0	.	.
	Age at diagnosis	1-4	21	.	.	3	15.0	4	20.0	.	.	5	25.0	8	40.0	.	.	.	.
		5-9	116	4	3.6	10	9.1	12	10.9	3	2.7	41	37.3	26	23.6	14	12.7	.	.
		10-14	539	4	0.8	29	5.6	78	15.0	22	4.2	145	27.9	180	34.7	60	11.6	1	0.2
		15-20	800	8	1.0	21	2.7	98	12.7	50	6.5	211	27.4	240	31.2	140	18.2	1	0.1
	Treatment	Surgery only	1	.	.	.	.	.	.	.	.	.	.	1	100.0	.	.	.	.
		Chemotherapy, no radiation	177	.	.	9	5.2	20	11.6	5	2.9	40	23.3	71	41.3	27	15.7	.	.
		Radiation, no chemotherapy	315	4	1.3	7	2.3	36	11.8	22	7.2	83	27.3	104	34.2	47	15.5	1	0.3
		Chemotherapy and radiation	848	9	1.1	39	4.8	112	13.8	42	5.2	244	30.0	244	30.0	123	15.1	1	0.1
		Unknown	135	3	2.4	8	6.3	24	18.9	6	4.7	35	27.6	34	26.8	17	13.4	.	.

			1-8 years (grade school)		9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other		
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	All cases		2114	115	5.6	243	11.8	360	17.5	98	4.8	555	27.0	513	25.0	165	8.0	6	0.3
	Age at baseline	<18	212	97	47.5	100	49.0	7	3.4	.	.	.	.	.	.	.	.	.	.
		18-19	132	2	1.5	36	27.5	50	38.2	2	1.5	39	29.8	1	0.8	1	0.8	.	.
		20-24	469	5	1.1	36	7.8	93	20.3	17	3.7	194	42.3	100	21.8	12	2.6	2	0.4
		25-29	569	3	0.5	35	6.4	106	19.2	42	7.6	140	25.4	171	31.0	53	9.6	1	0.2
		30-34	483	5	1.1	30	6.3	65	13.7	21	4.4	130	27.5	163	34.5	58	12.3	1	0.2
		35+	249	3	1.3	6	2.5	39	16.5	16	6.8	52	21.9	78	32.9	41	17.3	2	0.8
	Years since diagnosis	5-9	144	44	31.7	36	25.9	18	12.9	4	2.9	23	16.5	11	7.9	3	2.2	.	.
		10-14	672	55	8.4	117	17.8	133	20.3	27	4.1	176	26.8	112	17.1	35	5.3	1	0.2
		15-19	730	12	1.7	56	7.9	120	16.9	35	4.9	223	31.4	201	28.3	63	8.9	1	0.1
		20+	568	4	0.7	34	6.2	89	16.2	32	5.8	133	24.2	189	34.4	64	11.7	4	0.7
	Age at diagnosis	<1	15	9	69.2	2	15.4	2	15.4	.	.	.	.	.	.	.	.	.	.
		1-4	344	63	18.9	68	20.4	54	16.2	6	1.8	92	27.5	44	13.2	6	1.8	1	0.3
		5-9	647	29	4.6	109	17.2	119	18.8	24	3.8	166	26.3	147	23.3	35	5.5	3	0.5
		10-14	674	8	1.2	43	6.6	123	18.8	43	6.6	190	29.1	186	28.5	59	9.0	1	0.2
		15-20	434	6	1.4	21	5.0	62	14.7	25	5.9	107	25.3	136	32.2	65	15.4	1	0.2
	Treatment	Surgery only	16	4	25.0	1	6.3	2	12.5	1	6.3	3	18.8	3	18.8	1	6.3	1	6.3
		Chemotherapy, no radiation	1075	60	5.7	117	11.1	172	16.3	45	4.3	294	27.9	270	25.6	91	8.6	4	0.4
		Radiation, no chemotherapy	38	.	.	3	8.8	6	17.6	2	5.9	10	29.4	6	17.6	7	20.6	.	.
		Chemotherapy and radiation	766	44	5.9	95	12.8	135	18.2	43	5.8	177	23.9	190	25.6	56	7.6	1	0.1
		Unknown	219	7	3.3	27	12.8	45	21.3	7	3.3	71	33.6	44	20.9	10	4.7	.	.
Males	All cases		1436	72	5.2	182	13.0	266	19.0	73	5.2	374	26.8	325	23.3	101	7.2	4	0.3
	Age at baseline	<18	146	59	42.1	77	55.0	4	2.9	.	.	.	.	.	.	.	.	.	.
		18-19	97	2	2.1	29	30.2	37	38.5	2	2.1	24	25.0	1	1.0	1	1.0	.	.
		20-24	304	1	0.3	23	7.7	73	24.3	16	5.3	122	40.7	57	19.0	7	2.3	1	0.3
		25-29	405	2	0.5	26	6.6	83	21.1	28	7.1	102	26.0	121	30.8	30	7.6	1	0.3
		30-34	319	5	1.6	23	7.4	46	14.7	15	4.8	89	28.5	98	31.4	36	11.5	.	.
		35+	165	3	1.9	4	2.6	23	14.7	12	7.7	37	23.7	48	30.8	27	17.3	2	1.3
	Years since diagnosis	5-9	109	29	27.4	34	32.1	13	12.3	3	2.8	17	16.0	7	6.6	3	2.8	.	.
		10-14	457	32	7.2	89	20.0	105	23.5	20	4.5	112	25.1	66	14.8	21	4.7	1	0.2
		15-19	480	7	1.5	35	7.5	86	18.3	27	5.8	151	32.2	125	26.7	38	8.1	.	.
		20+	390	4	1.1	24	6.4	62	16.5	23	6.1	94	25.0	127	33.8	39	10.4	3	0.8
	Age at diagnosis	<1	5	2	66.7	.	.	1	33.3	.	.	.	.	.	.	.	.	.	.
		1-4	232	42	18.8	46	20.5	39	17.4	4	1.8	60	26.8	29	12.9	3	1.3	1	0.4
		5-9	451	17	3.8	86	19.4	95	21.4	21	4.7	105	23.6	97	21.8	22	5.0	1	0.2
		10-14	463	6	1.3	34	7.6	91	20.2	32	7.1	133	29.6	120	26.7	33	7.3	1	0.2
		15-20	285	5	1.8	16	5.8	40	14.5	16	5.8	76	27.5	79	28.6	43	15.6	1	0.4
	Treatment	Surgery only	13	3	23.1	.	.	2	15.4	.	.	3	23.1	3	23.1	1	7.7	1	7.7
		Chemotherapy, no radiation	727	39	5.5	92	12.9	130	18.3	36	5.1	196	27.5	163	22.9	53	7.4	3	0.4
		Radiation, no chemotherapy	28	.	.	3	12.0	3	12.0	2	8.0	8	32.0	3	12.0	6	24.0	.	.
		Chemotherapy and radiation	511	26	5.2	71	14.3	96	19.3	28	5.6	118	23.7	123	24.7	35	7.0	.	.
		Unknown	157	4	2.7	16	10.7	35	23.3	7	4.7	49	32.7	33	22.0	6	4.0	.	.
Females	All cases		678	43	6.5	61	9.3	94	14.3	25	3.8	181	27.5	188	28.6	64	9.7	2	0.3
	Age at baseline	<18	66	38	59.4	23	35.9	3	4.7	.	.	.	.	.	.	.	.	.	.
		18-19	35	.	.	7	20.0	13	37.1	.	.	15	42.9	.	.	.	.	.	.
		20-24	165	4	2.5	13	8.2	20	12.6	1	0.6	72	45.3	43	27.0	5	3.1	1	0.6

CCSS data from Jan2020 data freeze

Based on questionnaire items O.1/R.1

n=7 participants with no baseline information are not included

			1-8 years (grade school)			9-12 years (high school) not graduate			Completed high school			Post high school not college			Some college			College graduate			Post graduate level			Other		
			All cases	N	%	N	%		N	%		N	%		N	%		N	%		N	%		N	%	
		25-29	164	1	0.6	9	5.7	23	14.6	14	8.9	38	24.1	50	31.6	23	14.6	.	.	.	.	.	.	.	.	.
		30-34	164	.	.	7	4.3	19	11.8	6	3.7	41	25.5	65	40.4	22	13.7	1	0.6	.	.	.	.	.	.	.
		35+	84	.	.	2	2.5	16	19.8	4	4.9	15	18.5	30	37.0	14	17.3	.	.	.	.	.	.	.	.	.
	<b>Years since diagnosis</b>	5-9	35	15	45.5	2	6.1	5	15.2	1	3.0	6	18.2	4	12.1	.	.	.	.	.	.	.	.	.	.	.
		10-14	215	23	11.0	28	13.3	28	13.3	7	3.3	64	30.5	46	21.9	14	6.7	.	.	.	.	.	.	.	.	.
		15-19	250	5	2.1	21	8.7	34	14.0	8	3.3	72	29.8	76	31.4	25	10.3	1	0.4	.	.	.	.	.	.	.
		20+	178	.	.	10	5.8	27	15.6	9	5.2	39	22.5	62	35.8	25	14.5	1	0.6	.	.	.	.	.	.	.
	<b>Age at diagnosis</b>	<1	10	7	70.0	2	20.0	1	10.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		1-4	112	21	19.1	22	20.0	15	13.6	2	1.8	32	29.1	15	13.6	3	2.7	.	.	.	.	.	.	.	.	.
		5-9	196	12	6.4	23	12.2	24	12.8	3	1.6	61	32.4	50	26.6	13	6.9	2	1.1	.	.	.	.	.	.	.
		10-14	211	2	1.0	9	4.4	32	15.8	11	5.4	57	28.1	66	32.5	26	12.8	.	.	.	.	.	.	.	.	.
		15-20	149	1	0.7	5	3.4	22	15.0	9	6.1	31	21.1	57	38.8	22	15.0	.	.	.	.	.	.	.	.	.
	<b>Treatment</b>	Surgery only	3	1	33.3	1	33.3	.	.	1	33.3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	348	21	6.2	25	7.3	42	12.3	9	2.6	98	28.7	107	31.4	38	11.1	1	0.3	.	.	.	.	.	.	.
		Radiation, no chemotherapy	10	.	.	.	.	3	33.3	.	.	2	22.2	3	33.3	1	11.1	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	255	18	7.4	24	9.8	39	16.0	15	6.1	59	24.2	67	27.5	21	8.6	1	0.4	.	.	.	.	.	.	.
		Unknown	62	3	4.9	11	18.0	10	16.4	.	.	22	36.1	11	18.0	4	6.6	.	.	.	.	.	.	.	.	.

					1-8 years (grade school)		9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
Both sexes	All cases		2274	470	21.3	447	20.2	339	15.3	64	2.9	550	24.9	254	11.5	63	2.9	22	1.0	
	Age at baseline	<18	833	463	57.6	302	37.6	21	2.6	.	.	3	0.4	.	.	.	.	15	1.9	
		18-19	306	5	1.7	75	25.4	107	36.3	4	1.4	100	33.9	2	0.7	1	0.3	1	0.3	
		20-24	669	2	0.3	35	5.3	135	20.5	29	4.4	322	49.0	116	17.7	15	2.3	3	0.5	
		25-29	374	.	.	28	7.7	66	18.1	23	6.3	108	29.7	102	28.0	34	9.3	3	0.8	
		30-34	74	.	.	7	9.9	9	12.7	6	8.5	13	18.3	27	38.0	9	12.7	.	.	
		35+	18	.	.	.	.	1	5.6	2	11.1	4	22.2	7	38.9	4	22.2	.	.	
	Years since diagnosis	5-9	176	130	79.3	20	12.2	1	0.6	.	.	7	4.3	2	1.2	.	.	4	2.4	
		10-14	740	321	44.6	251	34.9	53	7.4	4	0.6	67	9.3	13	1.8	.	.	10	1.4	
		15-19	760	17	2.3	141	19.0	178	24.0	22	3.0	288	38.8	79	10.6	15	2.0	3	0.4	
		20+	598	2	0.3	35	6.0	107	18.4	38	6.5	188	32.2	160	27.4	48	8.2	5	0.9	
	Age at diagnosis	<1	330	121	38.1	54	17.0	42	13.2	5	1.6	65	20.4	20	6.3	3	0.9	8	2.5	
		1-4	1395	325	24.0	295	21.8	216	16.0	34	2.5	318	23.5	123	9.1	31	2.3	12	0.9	
		5-9	468	24	5.2	90	19.7	72	15.7	17	3.7	148	32.3	81	17.7	24	5.2	2	0.4	
		10-14	58	.	.	4	7.1	7	12.5	7	12.5	15	26.8	22	39.3	1	1.8	.	.	
		15-20	23	.	.	4	17.4	2	8.7	1	4.3	4	17.4	8	34.8	4	17.4	.	.	
	Treatment	Surgery only	34	15	45.5	6	18.2	2	6.1	1	3.0	8	24.2	1	3.0	.	.	.	.	
		Chemotherapy, no radiation	869	235	27.7	152	17.9	118	13.9	20	2.4	201	23.7	92	10.9	20	2.4	9	1.1	
		Radiation, no chemotherapy	4	.	.	.	.	2	50.0	.	.	1	25.0	1	25.0	.	.	.	.	
		Chemotherapy and radiation	1153	185	16.6	230	20.6	176	15.8	35	3.1	297	26.6	141	12.6	40	3.6	11	1.0	
		Unknown	214	35	16.7	59	28.1	41	19.5	8	3.8	43	20.5	19	9.0	3	1.4	2	1.0	
Males	All cases		1020	220	22.2	220	22.2	159	16.1	24	2.4	229	23.1	103	10.4	25	2.5	10	1.0	
	Age at baseline	<18	404	217	56.7	144	37.6	13	3.4	.	.	2	0.5	.	.	.	.	7	1.8	
		18-19	127	1	0.8	42	33.3	45	35.7	1	0.8	36	28.6	.	.	1	0.8	.	.	
		20-24	285	2	0.7	17	6.0	65	23.0	13	4.6	132	46.6	46	16.3	6	2.1	2	0.7	
		25-29	166	.	.	14	8.7	30	18.6	7	4.3	52	32.3	42	26.1	15	9.3	1	0.6	
		30-34	30	.	.	3	10.3	6	20.7	2	6.9	5	17.2	12	41.4	1	3.4	.	.	
		35+	8	.	.	.	.	.	.	1	12.5	2	25.0	3	37.5	2	25.0	.	.	
	Years since diagnosis	5-9	79	59	80.8	9	12.3	.	.	.	.	2	2.7	1	1.4	.	.	2	2.7	
		10-14	334	152	47.4	116	36.1	20	6.2	2	0.6	23	7.2	3	0.9	.	.	5	1.6	
		15-19	336	7	2.1	76	22.9	88	26.5	8	2.4	119	35.8	26	7.8	7	2.1	1	0.3	
		20+	271	2	0.8	19	7.2	51	19.3	14	5.3	85	32.2	73	27.7	18	6.8	2	0.8	
	Age at diagnosis	<1	168	63	39.6	32	20.1	22	13.8	.	.	27	17.0	8	5.0	2	1.3	5	3.1	
		1-4	629	147	24.1	143	23.4	99	16.2	16	2.6	135	22.1	52	8.5	14	2.3	4	0.7	
		5-9	193	10	5.2	41	21.5	34	17.8	5	2.6	60	31.4	32	16.8	8	4.2	1	0.5	
		10-14	21	.	.	2	9.5	4	19.0	3	14.3	5	23.8	7	33.3	.	.	.	.	
		15-20	9	.	.	2	22.2	.	.	.	.	2	22.2	4	44.4	1	11.1	.	.	
	Treatment	Surgery only	18	7	41.2	4	23.5	1	5.9	.	.	4	23.5	1	5.9	.	.	.	.	
		Chemotherapy, no radiation	395	108	28.3	77	20.2	48	12.6	6	1.6	88	23.1	40	10.5	9	2.4	5	1.3	
		Chemotherapy and radiation	499	90	18.5	106	21.8	86	17.7	14	2.9	116	23.9	56	11.5	14	2.9	4	0.8	
		Unknown	108	15	14.2	33	31.1	24	22.6	4	3.8	21	19.8	6	5.7	2	1.9	1	0.9	
Females	All cases		1254	250	20.5	227	18.6	180	14.8	40	3.3	321	26.3	151	12.4	38	3.1	12	1.0	
	Age at baseline	<18	429	246	58.4	158	37.5	8	1.9	.	.	1	0.2	.	.	.	.	8	1.9	
		18-19	179	4	2.4	33	19.5	62	36.7	3	1.8	64	37.9	2	1.2	.	.	1	0.6	
		20-24	384	.	.	18	4.8	70	18.7	16	4.3	190	50.8	70	18.7	9	2.4	1	0.3	
		25-29	208	.	.	14	6.9	36	17.7	16	7.9	56	27.6	60	29.6	19	9.4	2	1.0	

CCSS data from Jan2020 data freeze

Based on questionnaire items O.1/R.1

n=7 participants with no baseline information are not included

			1-8 years (grade school)			9-12 years (high school) not graduate			Completed high school			Post high school not college			Some college			College graduate			Post graduate level			Other		
			All cases	N	%	N	%		N	%		N	%		N	%		N	%		N	%		N	%	
		30-34	44	.	.	4	9.5	3	7.1	4	9.5	8	19.0	15	35.7	8	19.0	.	.	.	.	.	.	.	.	.
		35+	10	.	.	.	.	1	10.0	1	10.0	2	20.0	4	40.0	2	20.0	.	.	.	.	.	.	.	.	.
	<b>Years since diagnosis</b>	5-9	97	71	78.0	11	12.1	1	1.1	.	.	5	5.5	1	1.1	.	.	2	2.2	.	.	.	.	.	.	.
		10-14	406	169	42.5	135	33.9	33	8.3	2	0.5	44	11.1	10	2.5	.	.	5	1.3	.	.	.	.	.	.	.
		15-19	424	10	2.4	65	15.8	90	21.9	14	3.4	169	41.1	53	12.9	8	1.9	2	0.5	.	.	.	.	.	.	.
		20+	327	.	.	16	5.0	56	17.6	24	7.5	103	32.3	87	27.3	30	9.4	3	0.9	.	.	.	.	.	.	.
	<b>Age at diagnosis</b>	<1	162	58	36.5	22	13.8	20	12.6	5	3.1	38	23.9	12	7.5	1	0.6	3	1.9	.	.	.	.	.	.	.
		1-4	766	178	23.9	152	20.4	117	15.7	18	2.4	183	24.6	71	9.5	17	2.3	8	1.1	.	.	.	.	.	.	.
		5-9	275	14	5.2	49	18.4	38	14.2	12	4.5	88	33.0	49	18.4	16	6.0	1	0.4	.	.	.	.	.	.	.
		10-14	37	.	.	2	5.7	3	8.6	4	11.4	10	28.6	15	42.9	1	2.9	.	.	.	.	.	.	.	.	.
		15-20	14	.	.	2	14.3	2	14.3	1	7.1	2	14.3	4	28.6	3	21.4	.	.	.	.	.	.	.	.	.
	<b>Treatment</b>	Surgery only	16	8	50.0	2	12.5	1	6.3	1	6.3	4	25.0	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	474	127	27.3	75	16.1	70	15.0	14	3.0	113	24.2	52	11.2	11	2.4	4	0.9	.	.	.	.	.	.	.
		Radiation, no chemotherapy	4	.	.	.	.	2	50.0	.	.	1	25.0	1	25.0	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	654	95	15.1	124	19.7	90	14.3	21	3.3	181	28.8	85	13.5	26	4.1	7	1.1	.	.	.	.	.	.	.
		Unknown	106	20	19.2	26	25.0	17	16.3	4	3.8	22	21.2	13	12.5	1	1.0	1	1.0	.	.	.	.	.	.	.

			1-8 years (grade school)			9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	All cases		1947	600	31.5	404	21.2	250	13.1	43	2.3	371	19.5	170	8.9	31	1.6	33	1.7
	Age at baseline	<18	956	588	63.3	305	32.8	15	1.6	.	.	1	0.1	.	.	.	.	20	2.2
		18-19	237	4	1.7	61	26.4	85	36.8	4	1.7	72	31.2	.	.	.	.	5	2.2
		20-24	540	6	1.1	24	4.5	113	21.1	27	5.0	252	47.1	102	19.1	7	1.3	4	0.7
		25-29	170	1	0.6	7	4.2	31	18.8	12	7.3	38	23.0	57	34.5	15	9.1	4	2.4
		30-34	36	.	.	4	11.8	6	17.6	.	.	7	20.6	9	26.5	8	23.5	.	.
		35+	8	1	12.5	3	37.5	.	.	.	.	1	12.5	2	25.0	1	12.5	.	.
	Years since diagnosis	5-9	160	127	84.1	12	7.9	1	0.7	1	0.7	5	3.3	.	.	.	.	5	3.3
		10-14	609	420	70.8	115	19.4	12	2.0	.	.	25	4.2	4	0.7	4	0.7	13	2.2
		15-19	640	50	7.9	250	39.7	129	20.5	10	1.6	152	24.1	23	3.7	7	1.1	9	1.4
		20+	538	3	0.6	27	5.1	108	20.5	32	6.1	189	35.8	143	27.1	20	3.8	6	1.1
	Age at diagnosis	<1	989	346	35.9	216	22.4	120	12.4	26	2.7	174	18.0	59	6.1	5	0.5	19	2.0
		1-4	760	227	30.6	155	20.9	105	14.1	12	1.6	145	19.5	78	10.5	9	1.2	12	1.6
		5-9	149	25	16.9	26	17.6	20	13.5	3	2.0	40	27.0	23	15.5	9	6.1	2	1.4
		10-14	30	1	3.7	4	14.8	3	11.1	1	3.7	6	22.2	7	25.9	5	18.5	.	.
		15-20	19	1	5.3	3	15.8	2	10.5	1	5.3	6	31.6	3	15.8	3	15.8	.	.
	Treatment	Surgery only	545	164	30.7	121	22.6	70	13.1	12	2.2	103	19.3	47	8.8	10	1.9	8	1.5
		Chemotherapy, no radiation	559	196	35.8	125	22.8	74	13.5	9	1.6	91	16.6	35	6.4	5	0.9	13	2.4
		Radiation, no chemotherapy	138	34	26.2	33	25.4	19	14.6	5	3.8	24	18.5	14	10.8	1	0.8	.	.
		Chemotherapy and radiation	531	145	28.0	96	18.5	60	11.6	14	2.7	118	22.8	62	12.0	11	2.1	12	2.3
		Unknown	174	61	35.7	29	17.0	27	15.8	3	1.8	35	20.5	12	7.0	4	2.3	.	.
Males	All cases		949	314	33.7	196	21.0	117	12.6	17	1.8	185	19.8	70	7.5	13	1.4	20	2.1
	Age at baseline	<18	478	310	66.2	139	29.7	7	1.5	.	.	.	.	.	.	.	.	12	2.6
		18-19	104	1	1.0	35	34.3	32	31.4	1	1.0	30	29.4	.	.	.	.	3	2.9
		20-24	272	2	0.7	13	4.8	61	22.7	13	4.8	129	48.0	45	16.7	3	1.1	3	1.1
		25-29	78	1	1.3	4	5.2	16	20.8	3	3.9	23	29.9	23	29.9	5	6.5	2	2.6
		30-34	14	.	.	3	23.1	1	7.7	.	.	3	23.1	1	7.7	5	38.5	.	.
		35+	3	.	.	2	66.7	.	.	.	.	.	.	1	33.3	.	.	.	.
	Years since diagnosis	5-9	75	66	88.0	4	5.3	1	1.3	.	.	1	1.3	.	.	.	.	3	4.0
		10-14	303	219	74.5	50	17.0	3	1.0	.	.	14	4.8	1	0.3	.	.	7	2.4
		15-19	308	28	9.2	127	41.8	60	19.7	3	1.0	66	21.7	9	3.0	4	1.3	7	2.3
		20+	263	1	0.4	15	5.8	53	20.5	14	5.4	104	40.2	60	23.2	9	3.5	3	1.2
	Age at diagnosis	<1	514	186	37.0	113	22.5	56	11.1	11	2.2	94	18.7	28	5.6	1	0.2	14	2.8
		1-4	342	114	33.7	66	19.5	48	14.2	4	1.2	65	19.2	31	9.2	5	1.5	5	1.5
		5-9	74	13	17.6	13	17.6	11	14.9	2	2.7	21	28.4	8	10.8	5	6.8	1	1.4
		10-14	13	1	9.1	2	18.2	1	9.1	.	.	3	27.3	2	18.2	2	18.2	.	.
		15-20	6	.	.	2	33.3	1	16.7	.	.	2	33.3	1	16.7	.	.	.	.
	Treatment	Surgery only	261	87	34.0	57	22.3	30	11.7	5	2.0	51	19.9	22	8.6	2	0.8	2	0.8
		Chemotherapy, no radiation	277	97	35.5	64	23.4	32	11.7	4	1.5	48	17.6	15	5.5	2	0.7	11	4.0
		Radiation, no chemotherapy	62	21	35.0	14	23.3	6	10.0	2	3.3	13	21.7	3	5.0	1	1.7	.	.
		Chemotherapy and radiation	259	77	30.1	45	17.6	36	14.1	4	1.6	54	21.1	27	10.5	6	2.3	7	2.7
		Unknown	90	32	36.8	16	18.4	13	14.9	2	2.3	19	21.8	3	3.4	2	2.3	.	.
Females	All cases		998	286	29.5	208	21.4	133	13.7	26	2.7	186	19.2	100	10.3	18	1.9	13	1.3
	Age at baseline	<18	478	278	60.3	166	36.0	8	1.7	.	.	1	0.2	.	.	.	.	8	1.7
		18-19	133	3	2.3	26	20.2	53	41.1	3	2.3	42	32.6	.	.	.	.	2	1.6
		20-24	268	4	1.5	11	4.1	52	19.5	14	5.3	123	46.2	57	21.4	4	1.5	1	0.4

CCSS data from Jan2020 data freeze

Based on questionnaire items O.1/R.1

n=7 participants with no baseline information are not included

				1-8 years (grade school)		9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		25-29	92	.	.	3	3.4	15	17.0	9	10.2	15	17.0	34	38.6	10	11.4	2	2.3
		30-34	22	.	.	1	4.8	5	23.8	.	.	4	19.0	8	38.1	3	14.3	.	.
		35+	5	1	20.0	1	20.0	.	.	.	.	1	20.0	1	20.0	1	20.0	.	.
	<b>Years since diagnosis</b>	5-9	85	61	80.3	8	10.5	.	.	1	1.3	4	5.3	.	.	.	.	2	2.6
		10-14	306	201	67.2	65	21.7	9	3.0	.	.	11	3.7	3	1.0	4	1.3	6	2.0
		15-19	332	22	6.7	123	37.7	69	21.2	7	2.1	86	26.4	14	4.3	3	0.9	2	0.6
		20+	275	2	0.7	12	4.5	55	20.4	18	6.7	85	31.6	83	30.9	11	4.1	3	1.1
	<b>Age at diagnosis</b>	<1	475	160	34.6	103	22.3	64	13.9	15	3.2	80	17.3	31	6.7	4	0.9	5	1.1
		1-4	418	113	27.9	89	22.0	57	14.1	8	2.0	80	19.8	47	11.6	4	1.0	7	1.7
		5-9	75	12	16.2	13	17.6	9	12.2	1	1.4	19	25.7	15	20.3	4	5.4	1	1.4
		10-14	17	.	.	2	12.5	2	12.5	1	6.3	3	18.8	5	31.3	3	18.8	.	.
		15-20	13	1	7.7	1	7.7	1	7.7	1	7.7	4	30.8	2	15.4	3	23.1	.	.
	<b>Treatment</b>	Surgery only	284	77	27.6	64	22.9	40	14.3	7	2.5	52	18.6	25	9.0	8	2.9	6	2.2
		Chemotherapy, no radiation	282	99	36.0	61	22.2	42	15.3	5	1.8	43	15.6	20	7.3	3	1.1	2	0.7
		Radiation, no chemotherapy	76	13	18.6	19	27.1	13	18.6	3	4.3	11	15.7	11	15.7	.	.	.	.
		Chemotherapy and radiation	272	68	26.0	51	19.5	24	9.2	10	3.8	64	24.4	35	13.4	5	1.9	5	1.9
		Unknown	84	29	34.5	13	15.5	14	16.7	1	1.2	16	19.0	9	10.7	2	2.4	.	.

			1-8 years (grade school)			9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	All cases		1756	236	13.9	196	11.5	274	16.1	74	4.4	434	25.5	356	20.9	123	7.2	7	0.4
	Age at baseline	<18	341	209	63.5	107	32.5	9	2.7	.	.	.	.	.	.	.	.	4	1.2
		18-19	125	7	5.7	25	20.3	45	36.6	5	4.1	41	33.3	.	.	.	.	.	.
		20-24	425	8	1.9	22	5.4	97	23.6	14	3.4	177	43.1	81	19.7	10	2.4	2	0.5
		25-29	392	2	0.5	18	4.7	54	14.1	27	7.0	92	24.0	147	38.4	42	11.0	1	0.3
		30-34	297	8	2.8	16	5.6	42	14.7	12	4.2	80	28.1	79	27.7	48	16.8	.	.
		35+	176	2	1.2	8	4.7	27	16.0	16	9.5	44	26.0	49	29.0	23	13.6	.	.
	Years since diagnosis	5-9	182	77	43.8	16	9.1	22	12.5	6	3.4	34	19.3	19	10.8	1	0.6	1	0.6
		10-14	521	134	26.3	92	18.1	58	11.4	14	2.8	109	21.4	75	14.7	25	4.9	2	0.4
		15-19	540	16	3.1	63	12.0	107	20.5	20	3.8	150	28.7	113	21.6	52	9.9	2	0.4
		20+	513	9	1.8	25	5.1	87	17.7	34	6.9	141	28.7	149	30.3	45	9.1	2	0.4
	Age at diagnosis	<1	124	50	42.0	19	16.0	17	14.3	1	0.8	19	16.0	8	6.7	2	1.7	3	2.5
		1-4	560	138	25.5	103	19.0	84	15.5	19	3.5	114	21.0	71	13.1	10	1.8	3	0.6
		5-9	397	38	9.9	40	10.5	65	17.0	12	3.1	121	31.7	87	22.8	18	4.7	1	0.3
		10-14	346	8	2.4	17	5.0	60	17.8	18	5.3	94	27.8	96	28.4	45	13.3	.	.
		15-20	329	2	0.6	17	5.3	48	15.0	24	7.5	86	27.0	94	29.5	48	15.0	.	.
	Treatment	Surgery only	171	14	8.5	10	6.1	25	15.2	7	4.3	41	25.0	54	32.9	13	7.9	.	.
		Chemotherapy, no radiation	359	52	15.0	44	12.7	55	15.9	16	4.6	78	22.5	70	20.2	31	8.9	1	0.3
		Radiation, no chemotherapy	63	2	3.2	1	1.6	12	19.4	4	6.5	19	30.6	19	30.6	5	8.1	.	.
		Chemotherapy and radiation	971	146	15.5	110	11.7	148	15.7	38	4.0	240	25.5	190	20.1	66	7.0	5	0.5
		Unknown	192	22	12.0	31	16.8	34	18.5	9	4.9	56	30.4	23	12.5	8	4.3	1	0.5
Males	All cases		949	141	15.2	110	11.9	168	18.1	41	4.4	218	23.5	186	20.0	61	6.6	3	0.3
	Age at baseline	<18	192	129	68.6	54	28.7	2	1.1	.	.	.	.	.	.	.	.	3	1.6
		18-19	66	4	6.3	18	28.1	22	34.4	2	3.1	18	28.1	.	.	.	.	.	.
		20-24	242	2	0.9	17	7.2	68	28.9	9	3.8	95	40.4	42	17.9	2	0.9	.	.
		25-29	207	1	0.5	8	3.9	34	16.7	16	7.9	50	24.6	72	35.5	22	10.8	.	.
		30-34	158	5	3.2	9	5.8	29	18.7	7	4.5	39	25.2	42	27.1	24	15.5	.	.
		35+	84	.	.	4	4.8	13	15.7	7	8.4	16	19.3	30	36.1	13	15.7	.	.
	Years since diagnosis	5-9	100	48	49.0	12	12.2	12	12.2	3	3.1	15	15.3	7	7.1	.	.	1	1.0
		10-14	288	82	29.0	51	18.0	35	12.4	10	3.5	47	16.6	41	14.5	16	5.7	1	0.4
		15-19	281	6	2.2	31	11.3	70	25.5	12	4.4	77	28.0	55	20.0	23	8.4	1	0.4
		20+	280	5	1.8	16	5.9	51	18.8	16	5.9	79	29.0	83	30.5	22	8.1	.	.
	Age at diagnosis	<1	52	20	40.0	8	16.0	10	20.0	.	.	9	18.0	1	2.0	.	.	2	4.0
		1-4	330	95	29.7	59	18.4	45	14.1	10	3.1	69	21.6	37	11.6	4	1.3	1	0.3
		5-9	224	23	10.5	25	11.4	47	21.4	8	3.6	66	30.0	44	20.0	7	3.2	.	.
		10-14	186	1	0.5	10	5.5	39	21.4	11	6.0	38	20.9	58	31.9	25	13.7	.	.
		15-20	157	2	1.3	8	5.1	27	17.3	12	7.7	36	23.1	46	29.5	25	16.0	.	.
	Treatment	Surgery only	74	4	5.4	4	5.4	18	24.3	3	4.1	16	21.6	26	35.1	3	4.1	.	.
		Chemotherapy, no radiation	211	36	17.6	23	11.3	32	15.7	10	4.9	42	20.6	39	19.1	22	10.8	.	.
		Radiation, no chemotherapy	32	2	6.5	1	3.2	8	25.8	2	6.5	8	25.8	9	29.0	1	3.2	.	.
		Chemotherapy and radiation	521	91	17.8	61	11.9	89	17.4	23	4.5	115	22.5	99	19.4	31	6.1	2	0.4
		Unknown	111	8	7.4	21	19.4	21	19.4	3	2.8	37	34.3	13	12.0	4	3.7	1	0.9
Females	All cases		807	95	12.3	86	11.1	106	13.7	33	4.3	216	28.0	170	22.0	62	8.0	4	0.5
	Age at baseline	<18	149	80	56.7	53	37.6	7	5.0	.	.	.	.	.	.	.	.	1	0.7
		18-19	59	3	5.1	7	11.9	23	39.0	3	5.1	23	39.0	.	.	.	.	.	.
		20-24	183	6	3.4	5	2.8	29	16.5	5	2.8	82	46.6	39	22.2	8	4.5	2	1.1

CCSS data from Jan2020 data freeze

Based on questionnaire items O.1/R.1

n=7 participants with no baseline information are not included

			1-8 years (grade school)			9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		25-29	185	1	0.6	10	5.6	20	11.1	11	6.1	42	23.3	75	41.7	20	11.1	1	0.6
		30-34	139	3	2.3	7	5.4	13	10.0	5	3.8	41	31.5	37	28.5	24	18.5	.	.
		35+	92	2	2.3	4	4.7	14	16.3	9	10.5	28	32.6	19	22.1	10	11.6	.	.
	Years since diagnosis	5-9	82	29	37.2	4	5.1	10	12.8	3	3.8	19	24.4	12	15.4	1	1.3	.	.
		10-14	233	52	23.0	41	18.1	23	10.2	4	1.8	62	27.4	34	15.0	9	4.0	1	0.4
		15-19	259	10	4.0	32	12.9	37	14.9	8	3.2	73	29.4	58	23.4	29	11.7	1	0.4
		20+	233	4	1.8	9	4.1	36	16.4	18	8.2	62	28.2	66	30.0	23	10.5	2	0.9
	Age at diagnosis	<1	72	30	43.5	11	15.9	7	10.1	1	1.4	10	14.5	7	10.1	2	2.9	1	1.4
		1-4	230	43	19.4	44	19.8	39	17.6	9	4.1	45	20.3	34	15.3	6	2.7	2	0.9
		5-9	173	15	9.3	15	9.3	18	11.1	4	2.5	55	34.0	43	26.5	11	6.8	1	0.6
		10-14	160	7	4.5	7	4.5	21	13.5	7	4.5	56	35.9	38	24.4	20	12.8	.	.
		15-20	172	.	.	9	5.5	21	12.9	12	7.4	50	30.7	48	29.4	23	14.1	.	.
	Treatment	Surgery only	97	10	11.1	6	6.7	7	7.8	4	4.4	25	27.8	28	31.1	10	11.1	.	.
		Chemotherapy, no radiation	148	16	11.2	21	14.7	23	16.1	6	4.2	36	25.2	31	21.7	9	6.3	1	0.7
		Radiation, no chemotherapy	31	.	.	.	.	4	12.9	2	6.5	11	35.5	10	32.3	4	12.9	.	.
		Chemotherapy and radiation	450	55	12.7	49	11.3	59	13.7	15	3.5	125	28.9	91	21.1	35	8.1	3	0.7
		Unknown	81	14	18.4	10	13.2	13	17.1	6	7.9	19	25.0	10	13.2	4	5.3	.	.

					1-8 years (grade school)		9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
Both sexes	All cases	2098	63	3.1	176	8.7	313	15.4	82	4.0	587	28.9	570	28.0	237	11.7	6	0.3		
	Age at baseline	<18	96	43	45.7	46	48.9	3	3.2	.	.	.	.	.	.	.	.	2	2.1	
		18-19	72	2	2.8	21	29.2	30	41.7	2	2.8	16	22.2	1	1.4	.	.	.	.	
		20-24	388	3	0.8	22	5.9	60	16.0	17	4.5	177	47.2	82	21.9	12	3.2	2	0.5	
		25-29	568	3	0.5	21	3.8	88	16.0	28	5.1	158	28.8	183	33.3	67	12.2	1	0.2	
		30-34	566	8	1.5	38	7.0	70	12.9	23	4.2	132	24.3	182	33.5	89	16.4	1	0.2	
		35+	408	4	1.0	28	7.0	62	15.5	12	3.0	104	25.9	122	30.4	69	17.2	.	.	
	Years since diagnosis	5-9	241	29	12.3	48	20.4	46	19.6	8	3.4	76	32.3	21	8.9	7	3.0	.	.	
		10-14	681	20	3.0	55	8.3	91	13.8	32	4.8	207	31.4	188	28.5	64	9.7	3	0.5	
		15-19	676	7	1.1	42	6.5	99	15.2	27	4.2	168	25.8	213	32.8	92	14.2	2	0.3	
		20+	500	7	1.4	31	6.3	77	15.7	15	3.1	136	27.8	148	30.3	74	15.1	1	0.2	
	Age at diagnosis	<1	9	2	25.0	4	50.0	.	.	.	.	2	25.0	.	.	.	.	.	.	
		1-4	88	19	22.6	14	16.7	15	17.9	.	.	23	27.4	8	9.5	2	2.4	3	3.6	
		5-9	371	27	7.4	43	11.8	64	17.6	11	3.0	106	29.1	87	23.9	25	6.9	1	0.3	
		10-14	840	10	1.2	67	8.2	117	14.4	38	4.7	254	31.2	237	29.2	89	10.9	1	0.1	
		15-20	790	5	0.7	48	6.3	117	15.3	33	4.3	202	26.4	238	31.1	121	15.8	1	0.1	
	Treatment	Surgery only	119	1	0.9	5	4.3	20	17.4	8	7.0	23	20.0	42	36.5	16	13.9	.	.	
		Chemotherapy, no radiation	1189	29	2.5	83	7.2	159	13.7	37	3.2	355	30.6	354	30.5	140	12.1	3	0.3	
		Radiation, no chemotherapy	17	1	6.3	.	.	6	37.5	1	6.3	3	18.8	3	18.8	2	12.5	.	.	
		Chemotherapy and radiation	580	23	4.1	54	9.7	88	15.7	29	5.2	158	28.3	145	25.9	59	10.6	3	0.5	
		Unknown	193	9	4.9	34	18.5	40	21.7	7	3.8	48	26.1	26	14.1	20	10.9	.	.	
Males	All cases	1084	33	3.1	104	9.9	161	15.3	41	3.9	317	30.2	267	25.5	123	11.7	3	0.3		
	Age at baseline	<18	48	19	40.4	26	55.3	1	2.1	.	.	.	.	.	.	.	.	1	2.1	
		18-19	36	1	2.8	11	30.6	13	36.1	1	2.8	9	25.0	1	2.8	.	.	.	.	
		20-24	193	3	1.6	13	7.0	27	14.6	7	3.8	97	52.4	30	16.2	7	3.8	1	0.5	
		25-29	299	1	0.3	14	4.8	54	18.7	15	5.2	93	32.2	81	28.0	31	10.7	.	.	
		30-34	283	6	2.2	20	7.4	26	9.6	12	4.4	69	25.5	93	34.3	44	16.2	1	0.4	
		35+	225	3	1.4	20	9.0	40	18.1	6	2.7	49	22.2	62	28.1	41	18.6	.	.	
	Years since diagnosis	5-9	132	14	10.9	32	24.8	24	18.6	5	3.9	38	29.5	11	8.5	5	3.9	.	.	
		10-14	349	9	2.7	28	8.4	43	12.8	16	4.8	123	36.7	85	25.4	30	9.0	1	0.3	
		15-19	347	6	1.8	25	7.4	50	14.9	14	4.2	89	26.5	102	30.4	48	14.3	2	0.6	
		20+	256	4	1.6	19	7.6	44	17.7	6	2.4	67	26.9	69	27.7	40	16.1	.	.	
	Age at diagnosis	<1	4	1	25.0	2	50.0	.	.	.	.	1	25.0	.	.	.	.	.	.	
		1-4	47	8	18.6	5	11.6	7	16.3	.	.	16	37.2	5	11.6	1	2.3	1	2.3	
		5-9	190	14	7.6	23	12.4	36	19.5	4	2.2	57	30.8	36	19.5	14	7.6	1	0.5	
		10-14	401	5	1.3	39	10.1	48	12.4	21	5.4	124	32.0	104	26.9	46	11.9	.	.	
		15-20	442	5	1.2	35	8.1	70	16.3	16	3.7	119	27.7	122	28.4	62	14.4	1	0.2	
	Treatment	Surgery only	48	1	2.2	2	4.4	8	17.8	3	6.7	5	11.1	20	44.4	6	13.3	.	.	
		Chemotherapy, no radiation	611	15	2.5	49	8.3	78	13.2	20	3.4	192	32.4	164	27.7	74	12.5	.	.	
		Radiation, no chemotherapy	9	.	.	.	.	3	33.3	.	.	2	22.2	2	22.2	2	22.2	.	.	
		Chemotherapy and radiation	296	13	4.5	30	10.3	49	16.8	13	4.5	84	28.9	68	23.4	31	10.7	3	1.0	
		Unknown	120	4	3.6	23	20.5	23	20.5	5	4.5	34	30.4	13	11.6	10	8.9	.	.	
Females	All cases	1014	30	3.0	72	7.3	152	15.4	41	4.2	270	27.4	303	30.8	114	11.6	3	0.3		
	Age at baseline	<18	48	24	51.1	20	42.6	2	4.3	.	.	.	.	.	.	.	.	1	2.1	
		18-19	36	1	2.8	10	27.8	17	47.2	1	2.8	7	19.4	.	.	.	.	.	.	
		20-24	195	.	.	9	4.7	33	17.4	10	5.3	80	42.1	52	27.4	5	2.6	1	0.5	

CCSS data from Jan2020 data freeze

Based on questionnaire items O.1/R.1

n=7 participants with no baseline information are not included

			1-8 years (grade school)			9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		25-29	269	2	0.8	7	2.7	34	13.1	13	5.0	65	25.0	102	39.2	36	13.8	1	0.4
		30-34	283	2	0.7	18	6.6	44	16.2	11	4.0	63	23.2	89	32.7	45	16.5	.	.
		35+	183	1	0.6	8	4.4	22	12.2	6	3.3	55	30.6	60	33.3	28	15.6	.	.
	Years since diagnosis	5-9	109	15	14.2	16	15.1	22	20.8	3	2.8	38	35.8	10	9.4	2	1.9	.	.
		10-14	332	11	3.4	27	8.3	48	14.8	16	4.9	84	25.8	103	31.7	34	10.5	2	0.6
		15-19	329	1	0.3	17	5.4	49	15.6	13	4.1	79	25.2	111	35.4	44	14.0	.	.
		20+	244	3	1.3	12	5.0	33	13.8	9	3.8	69	28.8	79	32.9	34	14.2	1	0.4
	Age at diagnosis	<1	5	1	25.0	2	50.0	.	.	.	.	1	25.0	.	.	.	.	.	.
		1-4	41	11	26.8	9	22.0	8	19.5	.	.	7	17.1	3	7.3	1	2.4	2	4.9
		5-9	181	13	7.3	20	11.2	28	15.6	7	3.9	49	27.4	51	28.5	11	6.1	.	.
		10-14	439	5	1.2	28	6.6	69	16.2	17	4.0	130	30.5	133	31.2	43	10.1	1	0.2
		15-20	348	.	.	13	3.9	47	14.0	17	5.1	83	24.8	116	34.6	59	17.6	.	.
	Treatment	Surgery only	71	.	.	3	4.3	12	17.1	5	7.1	18	25.7	22	31.4	10	14.3	.	.
		Chemotherapy, no radiation	578	14	2.5	34	6.0	81	14.3	17	3.0	163	28.7	190	33.5	66	11.6	3	0.5
		Radiation, no chemotherapy	8	1	14.3	.	.	3	42.9	1	14.3	1	14.3	1	14.3	.	.	.	.
		Chemotherapy and radiation	284	10	3.7	24	9.0	39	14.6	16	6.0	74	27.6	77	28.7	28	10.4	.	.
		Unknown	73	5	6.9	11	15.3	17	23.6	2	2.8	14	19.4	13	18.1	10	13.9	.	.

			1-8 years (grade school)		9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other		
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	All cases		738	36	5.0	77	10.7	99	13.8	35	4.9	200	27.8	186	25.9	83	11.5	3	0.4
	Age at baseline	<18	61	28	47.5	26	44.1	3	5.1	.	.	.	.	.	.	.	.	2	3.4
		18-19	36	.	.	14	38.9	11	30.6	1	2.8	10	27.8	.	.	.	.	.	.
		20-24	170	3	1.8	12	7.2	22	13.3	8	4.8	80	48.2	34	20.5	7	4.2	.	.
		25-29	204	1	0.5	6	3.0	33	16.7	13	6.6	41	20.7	77	38.9	27	13.6	.	.
		30-34	164	3	1.9	12	7.5	16	10.0	10	6.3	43	26.9	43	26.9	32	20.0	1	0.6
		35+	103	1	1.0	7	7.0	14	14.0	3	3.0	26	26.0	32	32.0	17	17.0	.	.
	Years since diagnosis	5-9	103	18	17.8	23	22.8	18	17.8	5	5.0	29	28.7	5	5.0	3	3.0	.	.
		10-14	247	12	5.0	28	11.7	27	11.3	11	4.6	78	32.5	58	24.2	24	10.0	2	0.8
		15-19	223	4	1.8	18	8.3	29	13.4	15	6.9	50	23.0	68	31.3	32	14.7	1	0.5
		20+	165	2	1.2	8	5.0	25	15.5	4	2.5	43	26.7	55	34.2	24	14.9	.	.
	Age at diagnosis	<1	5	.	.	4	100.0	.	.	.	.	.	.	.	.	.	.	.	.
		1-4	54	13	24.5	11	20.8	7	13.2	.	.	15	28.3	4	7.5	1	1.9	2	3.8
		5-9	185	18	9.9	20	11.0	28	15.5	6	3.3	48	26.5	51	28.2	10	5.5	.	.
		10-14	277	3	1.1	29	10.7	35	13.0	15	5.6	75	27.8	72	26.7	41	15.2	.	.
		15-20	217	2	0.9	13	6.2	29	13.7	14	6.6	62	29.4	59	28.0	31	14.7	1	0.5
	Treatment	Surgery only	1	.	.	.	.	.	.	.	.	1	100.0	.	.	.	.	.	.
		Chemotherapy, no radiation	210	10	4.8	21	10.1	14	6.7	9	4.3	61	29.3	65	31.3	27	13.0	1	0.5
		Radiation, no chemotherapy	2	.	.	.	.	1	50.0	.	.	.	.	1	50.0	.	.	.	.
		Chemotherapy and radiation	461	19	4.2	44	9.8	72	16.1	24	5.4	126	28.1	112	25.0	49	10.9	2	0.4
		Unknown	64	7	11.7	12	20.0	12	20.0	2	3.3	12	20.0	8	13.3	7	11.7	.	.
Males	All cases		385	16	4.2	45	11.9	56	14.9	15	4.0	115	30.5	86	22.8	42	11.1	2	0.5
	Age at baseline	<18	27	11	42.3	13	50.0	1	3.8	.	.	.	.	.	.	.	.	1	3.8
		18-19	20	.	.	9	45.0	4	20.0	.	.	7	35.0	.	.	.	.	.	.
		20-24	87	3	3.5	6	7.1	11	12.9	3	3.5	44	51.8	14	16.5	4	4.7	.	.
		25-29	105	.	.	4	3.9	24	23.3	6	5.8	25	24.3	31	30.1	13	12.6	.	.
		30-34	90	2	2.3	9	10.2	8	9.1	5	5.7	26	29.5	21	23.9	16	18.2	1	1.1
		35+	56	.	.	4	7.3	8	14.5	1	1.8	13	23.6	20	36.4	9	16.4	.	.
	Years since diagnosis	5-9	55	7	13.0	14	25.9	11	20.4	2	3.7	13	24.1	4	7.4	3	5.6	.	.
		10-14	121	6	5.1	15	12.8	11	9.4	4	3.4	47	40.2	23	19.7	10	8.5	1	0.9
		15-19	122	3	2.5	12	9.9	19	15.7	7	5.8	31	25.6	32	26.4	16	13.2	1	0.8
		20+	87	.	.	4	4.7	15	17.6	2	2.4	24	28.2	27	31.8	13	15.3	.	.
	Age at diagnosis	<1	2	.	.	2	100.0	.	.	.	.	.	.	.	.	.	.	.	.
		1-4	29	6	21.4	5	17.9	4	14.3	.	.	10	35.7	2	7.1	.	.	1	3.6
		5-9	92	8	9.0	9	10.1	17	19.1	2	2.2	27	30.3	20	22.5	6	6.7	.	.
		10-14	146	.	.	19	13.1	17	11.7	9	6.2	43	29.7	34	23.4	23	15.9	.	.
		15-20	116	2	1.8	10	8.8	18	15.9	4	3.5	35	31.0	30	26.5	13	11.5	1	0.9
	Treatment	Chemotherapy, no radiation	111	4	3.7	14	12.8	6	5.5	2	1.8	40	36.7	28	25.7	15	13.8	.	.
		Radiation, no chemotherapy	1	.	.	.	.	.	.	.	.	.	.	1	100.0	.	.	.	.
		Chemotherapy and radiation	236	10	4.3	23	9.9	41	17.6	12	5.2	68	29.2	53	22.7	24	10.3	2	0.9
		Unknown	37	2	5.9	8	23.5	9	26.5	1	2.9	7	20.6	4	11.8	3	8.8	.	.
Females	All cases		353	20	5.8	32	9.4	43	12.6	20	5.8	85	24.9	100	29.2	41	12.0	1	0.3
	Age at baseline	<18	34	17	51.5	13	39.4	2	6.1	.	.	.	.	.	.	.	.	1	3.0
		18-19	16	.	.	5	31.3	7	43.8	1	6.3	3	18.8	.	.	.	.	.	.
		20-24	83	.	.	6	7.4	11	13.6	5	6.2	36	44.4	20	24.7	3	3.7	.	.
		25-29	99	1	1.1	2	2.1	9	9.5	7	7.4	16	16.8	46	48.4	14	14.7	.	.

CCSS data from Jan2020 data freeze

Based on questionnaire items O.1/R.1

n=7 participants with no baseline information are not included

				1-8 years (grade school)		9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
				All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
		30-34	74	1	1.4	3	4.2	8	11.1	5	6.9	17	23.6	22	30.6	16	22.2	.	.
		35+	47	1	2.2	3	6.7	6	13.3	2	4.4	13	28.9	12	26.7	8	17.8	.	.
	Years since diagnosis	5-9	48	11	23.4	9	19.1	7	14.9	3	6.4	16	34.0	1	2.1	.	.	.	.
		10-14	126	6	4.9	13	10.6	16	13.0	7	5.7	31	25.2	35	28.5	14	11.4	1	0.8
		15-19	101	1	1.0	6	6.3	10	10.4	8	8.3	19	19.8	36	37.5	16	16.7	.	.
		20+	78	2	2.6	4	5.3	10	13.2	2	2.6	19	25.0	28	36.8	11	14.5	.	.
	Age at diagnosis	<1	3	.	.	2	100.0	.	.	.	.	.	.	.	.	.	.	.	.
		1-4	25	7	28.0	6	24.0	3	12.0	.	.	5	20.0	2	8.0	1	4.0	1	4.0
		5-9	93	10	10.9	11	12.0	11	12.0	4	4.3	21	22.8	31	33.7	4	4.3	.	.
		10-14	131	3	2.4	10	8.0	18	14.4	6	4.8	32	25.6	38	30.4	18	14.4	.	.
		15-20	101	.	.	3	3.1	11	11.2	10	10.2	27	27.6	29	29.6	18	18.4	.	.
	Treatment	Surgery only	1	.	.	.	.	.	.	.	.	1	100.0	.	.	.	.	.	.
		Chemotherapy, no radiation	99	6	6.1	7	7.1	8	8.1	7	7.1	21	21.2	37	37.4	12	12.1	1	1.0
		Radiation, no chemotherapy	1	.	.	.	.	1	100.0	.	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	225	9	4.2	21	9.8	31	14.4	12	5.6	58	27.0	59	27.4	25	11.6	.	.
		Unknown	27	5	19.2	4	15.4	3	11.5	1	3.8	5	19.2	4	15.4	4	15.4	.	.

					1-8 years (grade school)		9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
Both sexes	All cases		1257	21	1.7	98	8.1	195	16.0	44	3.6	367	30.2	348	28.6	143	11.8	1	0.1	
	Age at baseline	<18	29	9	31.0	20	69.0	.	.	.	.	.	.	.	.	.	.	.	.	
		18-19	30	2	6.7	7	23.3	14	46.7	1	3.3	5	16.7	1	3.3	.	.	.	.	
		20-24	198	.	.	10	5.2	36	18.8	9	4.7	90	46.9	43	22.4	4	2.1	.	.	
		25-29	344	2	0.6	15	4.5	53	16.0	14	4.2	113	34.1	93	28.1	40	12.1	1	0.3	
		30-34	373	5	1.4	26	7.3	48	13.5	11	3.1	87	24.5	124	34.9	54	15.2	.	.	
		35+	283	3	1.1	20	7.1	44	15.7	9	3.2	72	25.7	87	31.1	45	16.1	.	.	
	Years since diagnosis	5-9	131	9	7.0	25	19.4	27	20.9	3	2.3	45	34.9	16	12.4	4	3.1	.	.	
		10-14	397	4	1.0	27	7.0	58	15.1	20	5.2	123	32.0	114	29.7	38	9.9	.	.	
		15-19	422	3	0.7	24	6.0	64	15.9	11	2.7	114	28.3	131	32.5	56	13.9	.	.	
		20+	307	5	1.7	22	7.3	46	15.3	10	3.3	85	28.2	87	28.9	45	15.0	1	0.3	
	Age at diagnosis	1-4	25	3	13.6	3	13.6	4	18.2	.	.	8	36.4	2	9.1	1	4.5	1	4.5	
		5-9	168	8	4.8	23	13.9	34	20.5	4	2.4	53	31.9	31	18.7	13	7.8	.	.	
		10-14	533	7	1.4	38	7.4	75	14.6	22	4.3	175	34.0	151	29.3	47	9.1	.	.	
		15-20	531	3	0.6	34	6.6	82	16.0	18	3.5	131	25.5	164	31.9	82	16.0	.	.	
	Treatment	Surgery only	86	1	1.2	4	4.8	15	18.1	6	7.2	18	21.7	31	37.3	8	9.6	.	.	
		Chemotherapy, no radiation	955	16	1.7	62	6.7	141	15.2	28	3.0	289	31.1	280	30.1	112	12.1	1	0.1	
		Radiation, no chemotherapy	10	.	.	.	.	2	22.2	1	11.1	2	22.2	2	22.2	2	22.2	.	.	
		Chemotherapy and radiation	83	2	2.6	10	13.2	12	15.8	4	5.3	22	28.9	18	23.7	8	10.5	.	.	
		Unknown	123	2	1.7	22	18.3	25	20.8	5	4.2	36	30.0	17	14.2	13	10.8	.	.	
Males	All cases		647	16	2.6	58	9.3	98	15.7	24	3.8	191	30.6	160	25.6	77	12.3	.	.	
	Age at baseline	<18	20	7	35.0	13	65.0	.	.	.	.	.	.	.	.	.	.	.	.	
		18-19	12	1	8.3	2	16.7	6	50.0	1	8.3	1	8.3	1	8.3	.	.	.	.	
		20-24	95	.	.	7	7.7	15	16.5	4	4.4	49	53.8	13	14.3	3	3.3	.	.	
		25-29	183	1	0.6	10	5.7	29	16.6	8	4.6	65	37.1	44	25.1	18	10.3	.	.	
		30-34	178	4	2.4	11	6.5	16	9.5	6	3.6	42	24.9	63	37.3	27	16.0	.	.	
		35+	159	3	1.9	15	9.6	32	20.4	5	3.2	34	21.7	39	24.8	29	18.5	.	.	
	Years since diagnosis	5-9	74	7	9.6	18	24.7	12	16.4	3	4.1	24	32.9	7	9.6	2	2.7	.	.	
		10-14	209	2	1.0	13	6.5	29	14.5	11	5.5	71	35.5	54	27.0	20	10.0	.	.	
		15-19	210	3	1.5	13	6.5	30	14.9	6	3.0	56	27.9	63	31.3	30	14.9	.	.	
		20+	154	4	2.7	14	9.3	27	18.0	4	2.7	40	26.7	36	24.0	25	16.7	.	.	
	Age at diagnosis	1-4	14	2	18.2	.	.	1	9.1	.	.	6	54.5	1	9.1	1	9.1	.	.	
		5-9	84	6	7.2	14	16.9	17	20.5	1	1.2	26	31.3	12	14.5	7	8.4	.	.	
		10-14	245	5	2.1	20	8.5	29	12.4	12	5.1	81	34.6	64	27.4	23	9.8	.	.	
		15-20	304	3	1.0	24	8.1	51	17.2	11	3.7	78	26.4	83	28.0	46	15.5	.	.	
	Treatment	Surgery only	30	1	3.6	1	3.6	6	21.4	1	3.6	5	17.9	12	42.9	2	7.1	.	.	
		Chemotherapy, no radiation	488	11	2.3	35	7.4	71	15.0	18	3.8	148	31.4	130	27.5	59	12.5	.	.	
		Radiation, no chemotherapy	6	.	.	.	.	1	16.7	.	.	2	33.3	1	16.7	2	33.3	.	.	
		Chemotherapy and radiation	44	2	4.8	7	16.7	7	16.7	1	2.4	9	21.4	9	21.4	7	16.7	.	.	
		Unknown	79	2	2.6	15	19.7	13	17.1	4	5.3	27	35.5	8	10.5	7	9.2	.	.	
Females	All cases		610	5	0.8	40	6.7	97	16.4	20	3.4	176	29.7	188	31.7	66	11.1	1	0.2	
	Age at baseline	<18	9	2	22.2	7	77.8	.	.	.	.	.	.	.	.	.	.	.	.	
		18-19	18	1	5.6	5	27.8	8	44.4	.	.	4	22.2	.	.	.	.	.	.	
		20-24	103	.	.	3	3.0	21	20.8	5	5.0	41	40.6	30	29.7	1	1.0	.	.	
		25-29	161	1	0.6	5	3.2	24	15.4	6	3.8	48	30.8	49	31.4	22	14.1	1	0.6	
		30-34	195	1	0.5	15	8.1	32	17.2	5	2.7	45	24.2	61	32.8	27	14.5	.	.	

CCSS data from Jan2020 data freeze

Based on questionnaire items O.1/R.1

n=7 participants with no baseline information are not included

				1-8 years (grade school)		9-12 years (high school) not graduate		Completed high school		Post high school not college		Some college		College graduate		Post graduate level		Other	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		35+	124	.	.	5	4.1	12	9.8	4	3.3	38	30.9	48	39.0	16	13.0	.	.
	Years since diagnosis	5-9	57	2	3.6	7	12.5	15	26.8	.	.	21	37.5	9	16.1	2	3.6	.	.
		10-14	188	2	1.1	14	7.6	29	15.8	9	4.9	52	28.3	60	32.6	18	9.8	.	.
		15-19	212	.	.	11	5.4	34	16.8	5	2.5	58	28.7	68	33.7	26	12.9	.	.
		20+	153	1	0.7	8	5.3	19	12.6	6	4.0	45	29.8	51	33.8	20	13.2	1	0.7
	Age at diagnosis	1-4	11	1	9.1	3	27.3	3	27.3	.	.	2	18.2	1	9.1	.	.	1	9.1
		5-9	84	2	2.4	9	10.8	17	20.5	3	3.6	27	32.5	19	22.9	6	7.2	.	.
		10-14	288	2	0.7	18	6.4	46	16.4	10	3.6	94	33.5	87	31.0	24	8.5	.	.
		15-20	227	.	.	10	4.6	31	14.2	7	3.2	53	24.3	81	37.2	36	16.5	.	.
	Treatment	Surgery only	56	.	.	3	5.5	9	16.4	5	9.1	13	23.6	19	34.5	6	10.9	.	.
		Chemotherapy, no radiation	467	5	1.1	27	5.9	70	15.3	10	2.2	141	30.9	150	32.8	53	11.6	1	0.2
		Radiation, no chemotherapy	4	.	.	.	.	1	33.3	1	33.3	.	.	1	33.3	.	.	.	.
		Chemotherapy and radiation	39	.	.	3	8.8	5	14.7	3	8.8	13	38.2	9	26.5	1	2.9	.	.
		Unknown	44	.	.	7	15.9	12	27.3	1	2.3	9	20.5	9	20.5	6	13.6	.	.