

Chronic Conditions: All cancers

1

					Maximum Grade														
			Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²		
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	All cases		25658	20433	79.6	4158	16.2	5581	21.8	5539	21.6	3265	12.7	1890	7.4	4385	17.1	1868	7.3
	Age at baseline	<18	5687	4323	76.0	1093	19.2	1295	22.8	988	17.4	666	11.7	281	4.9	725	12.7	282	5.0
		18-19	2154	1614	74.9	404	18.8	460	21.4	417	19.4	250	11.6	83	3.9	274	12.7	110	5.1
		20-24	6009	4617	76.8	1043	17.4	1287	21.4	1242	20.7	726	12.1	319	5.3	883	14.7	374	6.2
		25-29	5553	4518	81.4	838	15.1	1243	22.4	1310	23.6	719	12.9	408	7.3	1018	18.3	431	7.8
		30-34	3865	3245	84.0	562	14.5	807	20.9	938	24.3	536	13.9	402	10.4	821	21.2	363	9.4
		35+	2390	2116	88.5	218	9.1	489	20.5	644	26.9	368	15.4	397	16.6	664	27.8	308	12.9
	Years since diagnosis	5-9	2588	2069	79.9	463	17.9	467	18.0	531	20.5	378	14.6	230	8.9	442	17.1	147	5.7
		10-14	8347	6538	78.3	1448	17.3	1909	22.9	1698	20.3	999	12.0	484	5.8	1219	14.6	492	5.9
		15-19	8210	6495	79.1	1302	15.9	1876	22.9	1807	22.0	975	11.9	535	6.5	1319	16.1	597	7.3
		20+	6513	5331	81.9	945	14.5	1329	20.4	1503	23.1	913	14.0	641	9.8	1405	21.6	632	9.7
	Age at diagnosis	<1	1926	1397	72.5	395	20.5	399	20.7	321	16.7	227	11.8	55	2.9	246	12.8	110	5.7
		1-4	8262	6268	75.9	1528	18.5	1868	22.6	1516	18.3	941	11.4	415	5.0	1119	13.5	474	5.7
		5-9	5782	4606	79.7	971	16.8	1278	22.1	1275	22.1	738	12.8	344	5.9	946	16.4	388	6.7
		10-14	5444	4497	82.6	760	14.0	1128	20.7	1389	25.5	722	13.3	498	9.1	1084	19.9	460	8.4
		15-20	4244	3665	86.4	504	11.9	908	21.4	1038	24.5	637	15.0	578	13.6	990	23.3	436	10.3
	Treatment	Surgery only	2162	1656	76.6	518	24.0	523	24.2	361	16.7	200	9.3	54	2.5	191	8.8	67	3.1
		Chemotherapy, no radiation	8136	5869	72.1	1567	19.3	1700	20.9	1673	20.6	671	8.2	258	3.2	863	10.6	326	4.0
		Radiation, no chemotherapy	2087	1911	91.6	201	9.6	437	20.9	454	21.8	512	24.5	307	14.7	650	31.1	313	15.0
		Chemotherapy and radiation	10772	9062	84.1	1447	13.4	2446	22.7	2560	23.8	1612	15.0	997	9.3	2295	21.3	1020	9.5
		Unknown	2501	1935	77.4	425	17.0	475	19.0	491	19.6	270	10.8	274	11.0	386	15.4	142	5.7
Males	All cases		13722	10611	77.3	2303	16.8	2945	21.5	2753	20.1	1594	11.6	1016	7.4	2091	15.2	861	6.3
	Age at baseline	<18	3063	2304	75.2	600	19.6	691	22.6	509	16.6	337	11.0	167	5.5	367	12.0	138	4.5
		18-19	1125	819	72.8	212	18.8	226	20.1	194	17.2	138	12.3	49	4.4	136	12.1	57	5.1
		20-24	3164	2331	73.7	537	17.0	657	20.8	615	19.4	355	11.2	167	5.3	420	13.3	186	5.9
		25-29	3085	2436	79.0	482	15.6	678	22.0	665	21.6	371	12.0	240	7.8	530	17.2	210	6.8
		30-34	2056	1657	80.6	336	16.3	422	20.5	448	21.8	247	12.0	204	9.9	359	17.5	157	7.6
		35+	1229	1064	86.6	136	11.1	271	22.1	322	26.2	146	11.9	189	15.4	279	22.7	113	9.2
	Years since diagnosis	5-9	1454	1139	78.3	275	18.9	263	18.1	277	19.1	189	13.0	135	9.3	228	15.7	67	4.6
		10-14	4469	3405	76.2	784	17.5	995	22.3	843	18.9	504	11.3	279	6.2	604	13.5	255	5.7
		15-19	4317	3291	76.2	716	16.6	942	21.8	888	20.6	468	10.8	277	6.4	614	14.2	263	6.1
		20+	3482	2776	79.7	528	15.2	745	21.4	745	21.4	433	12.4	325	9.3	645	18.5	276	7.9
	Age at diagnosis	<1	983	696	70.8	199	20.2	203	20.7	159	16.2	111	11.3	24	2.4	109	11.1	46	4.7
		1-4	4327	3208	74.1	812	18.8	957	22.1	734	17.0	481	11.1	224	5.2	554	12.8	245	5.7
		5-9	3261	2533	77.7	563	17.3	687	21.1	663	20.3	400	12.3	220	6.7	497	15.2	191	5.9
		10-14	2880	2279	79.1	421	14.6	611	21.2	675	23.4	323	11.2	249	8.6	485	16.8	196	6.8
		15-20	2271	1895	83.4	308	13.6	487	21.4	522	23.0	279	12.3	299	13.2	446	19.6	183	8.1
	Treatment	Surgery only	1065	799	75.0	256	24.0	259	24.3	161	15.1	91	8.5	32	3.0	87	8.2	34	3.2
		Chemotherapy, no radiation	4287	2958	69.0	817	19.1	829	19.3	857	20.0	313	7.3	142	3.3	401	9.4	144	3.4

CCSS data from Jan2020 data freeze

Conditions at any time through Followup 6, with scoring per the Common Terminology Criteria for Adverse Events (v4.03)

Denominator for all percentages is all cases.

¹ Fatal does not represent all deaths, only those attributed to specific chronic conditions

² Severe, disabling, or fatal conditions (grades 3-5)

n=7 participants with no baseline information are not included

						Maximum Grade															
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²			
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%		
		Radiation, no chemotherapy	1087	984	90.5	121	11.1	245	22.5	228	21.0	238	21.9	152	14.0	301	27.7	138	12.7		
		Chemotherapy and radiation	5805	4747	81.8	859	14.8	1339	23.1	1234	21.3	793	13.7	522	9.0	1083	18.7	474	8.2		
		Unknown	1478	1123	76.0	250	16.9	273	18.5	273	18.5	159	10.8	168	11.4	219	14.8	71	4.8		
Females	All cases		11936	9822	82.3	1855	15.5	2636	22.1	2786	23.3	1671	14.0	874	7.3	2294	19.2	1007	8.4		
	Age at baseline	<18	2624	2019	76.9	493	18.8	604	23.0	479	18.3	329	12.5	114	4.3	358	13.6	144	5.5		
		18-19	1029	795	77.3	192	18.7	234	22.7	223	21.7	112	10.9	34	3.3	138	13.4	53	5.2		
		20-24	2845	2286	80.4	506	17.8	630	22.1	627	22.0	371	13.0	152	5.3	463	16.3	188	6.6		
		25-29	2468	2082	84.4	356	14.4	565	22.9	645	26.1	348	14.1	168	6.8	488	19.8	221	9.0		
		30-34	1809	1588	87.8	226	12.5	385	21.3	490	27.1	289	16.0	198	10.9	462	25.5	206	11.4		
		35+	1161	1052	90.6	82	7.1	218	18.8	322	27.7	222	19.1	208	17.9	385	33.2	195	16.8		
	Years since diagnosis	5-9	1134	930	82.0	188	16.6	204	18.0	254	22.4	189	16.7	95	8.4	214	18.9	80	7.1		
		10-14	3878	3133	80.8	664	17.1	914	23.6	855	22.0	495	12.8	205	5.3	615	15.9	237	6.1		
		15-19	3893	3204	82.3	586	15.1	934	24.0	919	23.6	507	13.0	258	6.6	705	18.1	334	8.6		
		20+	3031	2555	84.3	417	13.8	584	19.3	758	25.0	480	15.8	316	10.4	760	25.1	356	11.7		
	Age at diagnosis	<1	943	701	74.3	196	20.8	196	20.8	162	17.2	116	12.3	31	3.3	137	14.5	64	6.8		
		1-4	3935	3060	77.8	716	18.2	911	23.2	782	19.9	460	11.7	191	4.9	565	14.4	229	5.8		
		5-9	2521	2073	82.2	408	16.2	591	23.4	612	24.3	338	13.4	124	4.9	449	17.8	197	7.8		
		10-14	2564	2218	86.5	339	13.2	517	20.2	714	27.8	399	15.6	249	9.7	599	23.4	264	10.3		
		15-20	1973	1770	89.7	196	9.9	421	21.3	516	26.2	358	18.1	279	14.1	544	27.6	253	12.8		
	Treatment	Surgery only	1097	857	78.1	262	23.9	264	24.1	200	18.2	109	9.9	22	2.0	104	9.5	33	3.0		
		Chemotherapy, no radiation	3849	2911	75.6	750	19.5	871	22.6	816	21.2	358	9.3	116	3.0	462	12.0	182	4.7		
		Radiation, no chemotherapy	1000	927	92.7	80	8.0	192	19.2	226	22.6	274	27.4	155	15.5	349	34.9	175	17.5		
		Chemotherapy and radiation	4967	4315	86.9	588	11.8	1107	22.3	1326	26.7	819	16.5	475	9.6	1212	24.4	546	11.0		
		Unknown	1023	812	79.4	175	17.1	202	19.7	218	21.3	111	10.9	106	10.4	167	16.3	71	6.9		

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			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	All cases		7872	5889	74.8	1426	18.1	2048	26.0	1292	16.4	739	9.4	384	4.9	877	11.1	354	4.5
	Age at baseline	<18	2233	1624	72.7	461	20.6	577	25.8	276	12.4	195	8.7	115	5.2	207	9.3	61	2.7
		18-19	844	608	72.0	164	19.4	214	25.4	135	16.0	65	7.7	30	3.6	84	10.0	30	3.6
		20-24	1964	1447	73.7	335	17.1	526	26.8	326	16.6	187	9.5	73	3.7	210	10.7	91	4.6
		25-29	1598	1224	76.6	263	16.5	442	27.7	285	17.8	146	9.1	88	5.5	186	11.6	85	5.3
		30-34	837	658	78.6	153	18.3	195	23.3	154	18.4	105	12.5	51	6.1	123	14.7	64	7.6
		35+	396	328	82.8	50	12.6	94	23.7	116	29.3	41	10.4	27	6.8	67	16.9	23	5.8
	Years since diagnosis	5-9	980	731	74.6	200	20.4	208	21.2	141	14.4	103	10.5	79	8.1	124	12.7	35	3.6
		10-14	2637	1927	73.1	510	19.3	699	26.5	384	14.6	227	8.6	107	4.1	232	8.8	90	3.4
		15-19	2439	1842	75.5	427	17.5	679	27.8	414	17.0	227	9.3	95	3.9	270	11.1	115	4.7
		20+	1816	1389	76.5	289	15.9	462	25.4	353	19.4	182	10.0	103	5.7	251	13.8	114	6.3
	Age at diagnosis	<1	241	190	78.8	38	15.8	65	27.0	45	18.7	30	12.4	12	5.0	48	19.9	27	11.2
		1-4	3709	2690	72.5	718	19.4	979	26.4	512	13.8	321	8.7	160	4.3	367	9.9	127	3.4
		5-9	1924	1434	74.5	359	18.7	514	26.7	308	16.0	161	8.4	92	4.8	186	9.7	79	4.1
		10-14	1311	1023	78.0	216	16.5	319	24.3	270	20.6	145	11.1	73	5.6	169	12.9	74	5.6
		15-20	687	552	80.3	95	13.8	171	24.9	157	22.9	82	11.9	47	6.8	107	15.6	47	6.8
	Treatment	Surgery only	3	2	66.7	1	33.3	1	33.3	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	3367	2304	68.4	713	21.2	863	25.6	425	12.6	220	6.5	83	2.5	214	6.4	82	2.4
		Radiation, no chemotherapy	4	2	50.0	.	.	1	25.0	1	25.0	.	.	.	.	1	25.0	.	.
		Chemotherapy and radiation	3762	3049	81.0	575	15.3	1017	27.0	754	20.0	458	12.2	245	6.5	588	15.6	248	6.6
		Unknown	736	532	72.3	137	18.6	166	22.6	112	15.2	61	8.3	56	7.6	74	10.1	24	3.3
Males	All cases		4200	3033	72.2	771	18.4	1061	25.3	621	14.8	380	9.0	200	4.8	432	10.3	169	4.0
	Age at baseline	<18	1219	867	71.1	247	20.3	309	25.3	140	11.5	101	8.3	70	5.7	110	9.0	34	2.8
		18-19	455	319	70.1	93	20.4	105	23.1	66	14.5	37	8.1	18	4.0	46	10.1	14	3.1
		20-24	996	700	70.3	162	16.3	266	26.7	155	15.6	87	8.7	30	3.0	90	9.0	36	3.6
		25-29	867	639	73.7	147	17.0	235	27.1	129	14.9	80	9.2	48	5.5	101	11.6	44	5.1
		30-34	440	329	74.8	88	20.0	97	22.0	69	15.7	55	12.5	20	4.5	51	11.6	31	7.0
		35+	223	179	80.3	34	15.2	49	22.0	62	27.8	20	9.0	14	6.3	34	15.2	10	4.5
	Years since diagnosis	5-9	557	409	73.4	127	22.8	117	21.0	64	11.5	53	9.5	48	8.6	62	11.1	15	2.7
		10-14	1414	1004	71.0	258	18.2	381	26.9	196	13.9	108	7.6	61	4.3	117	8.3	49	3.5
		15-19	1254	901	71.9	226	18.0	324	25.8	183	14.6	124	9.9	44	3.5	131	10.4	49	3.9
		20+	975	719	73.7	160	16.4	239	24.5	178	18.3	95	9.7	47	4.8	122	12.5	56	5.7
	Age at diagnosis	<1	112	88	78.6	19	17.0	32	28.6	17	15.2	15	13.4	5	4.5	19	17.0	12	10.7
		1-4	1985	1383	69.7	372	18.7	498	25.1	260	13.1	172	8.7	81	4.1	194	9.8	65	3.3
		5-9	1038	758	73.0	206	19.8	260	25.0	151	14.5	86	8.3	55	5.3	90	8.7	35	3.4
		10-14	647	477	73.7	112	17.3	164	25.3	109	16.8	59	9.1	33	5.1	75	11.6	37	5.7
		15-20	418	327	78.2	62	14.8	107	25.6	84	20.1	48	11.5	26	6.2	54	12.9	20	4.8
	Treatment	Surgery only	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	1689	1105	65.4	352	20.8	399	23.6	199	11.8	108	6.4	47	2.8	107	6.3	39	2.3

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			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		Radiation, no chemotherapy	3	1	33.3	.	.	1	33.3
		Chemotherapy and radiation	2066	1622	78.5	344	16.7	561	27.2	361	17.5	234	11.3	122	5.9	287	13.9	119	5.8
		Unknown	441	305	69.2	75	17.0	100	22.7	61	13.8	38	8.6	31	7.0	38	8.6	11	2.5
Females	All cases		3672	2856	77.8	655	17.8	987	26.9	671	18.3	359	9.8	184	5.0	445	12.1	185	5.0
	Age at baseline	<18	1014	757	74.7	214	21.1	268	26.4	136	13.4	94	9.3	45	4.4	97	9.6	27	2.7
		18-19	389	289	74.3	71	18.3	109	28.0	69	17.7	28	7.2	12	3.1	38	9.8	16	4.1
		20-24	968	747	77.2	173	17.9	260	26.9	171	17.7	100	10.3	43	4.4	120	12.4	55	5.7
		25-29	731	585	80.0	116	15.9	207	28.3	156	21.3	66	9.0	40	5.5	85	11.6	41	5.6
		30-34	397	329	82.9	65	16.4	98	24.7	85	21.4	50	12.6	31	7.8	72	18.1	33	8.3
		35+	173	149	86.1	16	9.2	45	26.0	54	31.2	21	12.1	13	7.5	33	19.1	13	7.5
	Years since diagnosis	5-9	423	322	76.1	73	17.3	91	21.5	77	18.2	50	11.8	31	7.3	62	14.7	20	4.7
		10-14	1223	923	75.5	252	20.6	318	26.0	188	15.4	119	9.7	46	3.8	115	9.4	41	3.4
		15-19	1185	941	79.4	201	17.0	355	30.0	231	19.5	103	8.7	51	4.3	139	11.7	66	5.6
		20+	841	670	79.7	129	15.3	223	26.5	175	20.8	87	10.3	56	6.7	129	15.3	58	6.9
	Age at diagnosis	<1	129	102	79.1	19	14.7	33	25.6	28	21.7	15	11.6	7	5.4	29	22.5	15	11.6
		1-4	1724	1307	75.8	346	20.1	481	27.9	252	14.6	149	8.6	79	4.6	173	10.0	62	3.6
		5-9	886	676	76.3	153	17.3	254	28.7	157	17.7	75	8.5	37	4.2	96	10.8	44	5.0
		10-14	664	546	82.2	104	15.7	155	23.3	161	24.2	86	13.0	40	6.0	94	14.2	37	5.6
		15-20	269	225	83.6	33	12.3	64	23.8	73	27.1	34	12.6	21	7.8	53	19.7	27	10.0
	Treatment	Surgery only	2	2	100.0	1	50.0	1	50.0	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	1678	1199	71.5	361	21.5	464	27.7	226	13.5	112	6.7	36	2.1	107	6.4	43	2.6
		Radiation, no chemotherapy	1	1	100.0	.	.	.	.	1	100.0	.	.	.	.	1	100.0	.	.
		Chemotherapy and radiation	1696	1427	84.1	231	13.6	456	26.9	393	23.2	224	13.2	123	7.3	301	17.7	129	7.6
		Unknown	295	227	76.9	62	21.0	66	22.4	51	17.3	23	7.8	25	8.5	36	12.2	13	4.4

CCSS data from Jan2020 data freeze

Conditions at any time through Followup 6, with scoring per the Common Terminology Criteria for Adverse Events (v4.03)

Denominator for all percentages is all cases.

¹ Fatal does not represent all deaths, only those attributed to specific chronic conditions

² Severe, disabling, or fatal conditions (grades 3-5)

n=7 participants with no baseline information are not included

						Maximum Grade													
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	All cases		6615	4863	73.5	1253	18.9	1701	25.7	1025	15.5	590	8.9	294	4.4	660	10.0	252	3.8
	Age at baseline	<18	1940	1380	71.1	420	21.6	488	25.2	219	11.3	159	8.2	94	4.8	156	8.0	40	2.1
		18-19	730	518	71.0	148	20.3	187	25.6	107	14.7	51	7.0	25	3.4	61	8.4	17	2.3
		20-24	1687	1228	72.8	302	17.9	449	26.6	267	15.8	152	9.0	58	3.4	163	9.7	66	3.9
		25-29	1329	1003	75.5	223	16.8	359	27.0	237	17.8	116	8.7	68	5.1	144	10.8	65	4.9
		30-34	649	508	78.3	122	18.8	156	24.0	112	17.3	83	12.8	35	5.4	94	14.5	51	7.9
		35+	280	226	80.7	38	13.6	62	22.1	83	29.6	29	10.4	14	5.0	42	15.0	13	4.6
	Years since diagnosis	5-9	844	623	73.8	175	20.7	180	21.3	109	12.9	90	10.7	69	8.2	106	12.6	30	3.6
		10-14	2223	1586	71.3	459	20.6	572	25.7	299	13.5	182	8.2	74	3.3	156	7.0	48	2.2
		15-19	2022	1505	74.4	368	18.2	565	27.9	334	16.5	177	8.8	61	3.0	200	9.9	84	4.2
		20+	1526	1149	75.3	251	16.4	384	25.2	283	18.5	141	9.2	90	5.9	198	13.0	90	5.9
	Age at diagnosis	<1	133	102	76.7	19	14.3	35	26.3	25	18.8	14	10.5	9	6.8	24	18.0	12	9.0
		1-4	3298	2365	71.7	663	20.1	863	26.2	430	13.0	271	8.2	138	4.2	293	8.9	97	2.9
		5-9	1691	1238	73.2	332	19.6	438	25.9	259	15.3	132	7.8	77	4.6	152	9.0	59	3.5
		10-14	1026	777	75.7	172	16.8	248	24.2	200	19.5	110	10.7	47	4.6	127	12.4	56	5.5
		15-20	467	381	81.6	67	14.3	117	25.1	111	23.8	63	13.5	23	4.9	64	13.7	28	6.0
	Treatment	Chemotherapy, no radiation	2684	1777	66.2	598	22.3	688	25.6	290	10.8	149	5.6	52	1.9	126	4.7	43	1.6
		Radiation, no chemotherapy	4	2	50.0	.	.	1	25.0	1	25.0	.	.	.	.	1	25.0	.	.
		Chemotherapy and radiation	3298	2634	79.9	536	16.3	867	26.3	641	19.4	389	11.8	201	6.1	478	14.5	192	5.8
		Unknown	629	450	71.5	119	18.9	145	23.1	93	14.8	52	8.3	41	6.5	55	8.7	17	2.7
Males	All cases		3562	2531	71.1	678	19.0	887	24.9	502	14.1	312	8.8	152	4.3	335	9.4	129	3.6
	Age at baseline	<18	1060	737	69.5	228	21.5	260	24.5	111	10.5	80	7.5	58	5.5	85	8.0	23	2.2
		18-19	398	273	68.6	83	20.9	92	23.1	52	13.1	30	7.5	16	4.0	35	8.8	10	2.5
		20-24	857	593	69.2	146	17.0	229	26.7	127	14.8	69	8.1	22	2.6	67	7.8	26	3.0
		25-29	733	536	73.1	128	17.5	191	26.1	111	15.1	71	9.7	35	4.8	84	11.5	37	5.0
		30-34	347	261	75.2	66	19.0	81	23.3	52	15.0	48	13.8	14	4.0	42	12.1	27	7.8
		35+	167	131	78.4	27	16.2	34	20.4	49	29.3	14	8.4	7	4.2	22	13.2	6	3.6
	Years since diagnosis	5-9	481	349	72.6	110	22.9	101	21.0	50	10.4	48	10.0	40	8.3	54	11.2	13	2.7
		10-14	1201	836	69.6	237	19.7	312	26.0	154	12.8	90	7.5	43	3.6	83	6.9	31	2.6
		15-19	1054	745	70.7	193	18.3	276	26.2	152	14.4	96	9.1	28	2.7	97	9.2	37	3.5
		20+	826	601	72.8	138	16.7	198	24.0	146	17.7	78	9.4	41	5.0	101	12.2	48	5.8
	Age at diagnosis	<1	64	49	76.6	11	17.2	19	29.7	10	15.6	6	9.4	3	4.7	9	14.1	5	7.8
		1-4	1758	1207	68.7	344	19.6	435	24.7	215	12.2	142	8.1	71	4.0	154	8.8	52	3.0
		5-9	922	662	71.8	190	20.6	224	24.3	129	14.0	74	8.0	45	4.9	77	8.4	28	3.0
		10-14	525	381	72.6	91	17.3	131	25.0	86	16.4	52	9.9	21	4.0	64	12.2	32	6.1
		15-20	293	232	79.2	42	14.3	78	26.6	62	21.2	38	13.0	12	4.1	31	10.6	12	4.1
	Treatment	Chemotherapy, no radiation	1344	849	63.2	297	22.1	311	23.1	141	10.5	70	5.2	30	2.2	65	4.8	23	1.7
		Radiation, no chemotherapy	3	1	33.3	.	.	1	33.3	.	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	1834	1424	77.6	317	17.3	491	26.8	308	16.8	207	11.3	101	5.5	241	13.1	97	5.3

CCSS data from Jan2020 data freeze

Conditions at any time through Followup 6, with scoring per the Common Terminology Criteria for Adverse Events (v4.03)

Denominator for all percentages is all cases.

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² Severe, disabling, or fatal conditions (grades 3-5)

n=7 participants with no baseline information are not included

						Maximum Grade													
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		Unknown	381	257	67.5	64	16.8	84	22.0	53	13.9	35	9.2	21	5.5	29	7.6	9	2.4
Females	All cases		3053	2332	76.4	575	18.8	814	26.7	523	17.1	278	9.1	142	4.7	325	10.6	123	4.0
	Age at baseline	<18	880	643	73.1	192	21.8	228	25.9	108	12.3	79	9.0	36	4.1	71	8.1	17	1.9
		18-19	332	245	73.8	65	19.6	95	28.6	55	16.6	21	6.3	9	2.7	26	7.8	7	2.1
		20-24	830	635	76.5	156	18.8	220	26.5	140	16.9	83	10.0	36	4.3	96	11.6	40	4.8
		25-29	596	467	78.4	95	15.9	168	28.2	126	21.1	45	7.6	33	5.5	60	10.1	28	4.7
		30-34	302	247	81.8	56	18.5	75	24.8	60	19.9	35	11.6	21	7.0	52	17.2	24	7.9
		35+	113	95	84.1	11	9.7	28	24.8	34	30.1	15	13.3	7	6.2	20	17.7	7	6.2
	Years since diagnosis	5-9	363	274	75.5	65	17.9	79	21.8	59	16.3	42	11.6	29	8.0	52	14.3	17	4.7
		10-14	1022	750	73.4	222	21.7	260	25.4	145	14.2	92	9.0	31	3.0	73	7.1	17	1.7
		15-19	968	760	78.5	175	18.1	289	29.9	182	18.8	81	8.4	33	3.4	103	10.6	47	4.9
		20+	700	548	78.3	113	16.1	186	26.6	137	19.6	63	9.0	49	7.0	97	13.9	42	6.0
	Age at diagnosis	<1	69	53	76.8	8	11.6	16	23.2	15	21.7	8	11.6	6	8.7	15	21.7	7	10.1
		1-4	1540	1158	75.2	319	20.7	428	27.8	215	14.0	129	8.4	67	4.4	139	9.0	45	2.9
		5-9	769	576	74.9	142	18.5	214	27.8	130	16.9	58	7.5	32	4.2	75	9.8	31	4.0
		10-14	501	396	79.0	81	16.2	117	23.4	114	22.8	58	11.6	26	5.2	63	12.6	24	4.8
		15-20	174	149	85.6	25	14.4	39	22.4	49	28.2	25	14.4	11	6.3	33	19.0	16	9.2
	Treatment	Chemotherapy, no radiation	1340	928	69.3	301	22.5	377	28.1	149	11.1	79	5.9	22	1.6	61	4.6	20	1.5
		Radiation, no chemotherapy	1	1	100.0	.	.	.	.	1	100.0	.	.	.	.	1	100.0	.	.
		Chemotherapy and radiation	1464	1210	82.7	219	15.0	376	25.7	333	22.7	182	12.4	100	6.8	237	16.2	95	6.5
		Unknown	248	193	77.8	55	22.2	61	24.6	40	16.1	17	6.9	20	8.1	26	10.5	8	3.2

CCSS data from Jan2020 data freeze

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² Severe, disabling, or fatal conditions (grades 3-5)

n=7 participants with no baseline information are not included

						Maximum Grade													
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	All cases		927	759	81.9	129	13.9	268	28.9	192	20.7	112	12.1	58	6.3	154	16.6	72	7.8
	Age at baseline	<18	230	192	83.5	30	13.0	73	31.7	49	21.3	27	11.7	13	5.7	41	17.8	17	7.4
		18-19	89	71	79.8	12	13.5	22	24.7	20	22.5	12	13.5	5	5.6	19	21.3	10	11.2
		20-24	199	160	80.4	26	13.1	59	29.6	42	21.1	22	11.1	11	5.5	35	17.6	18	9.0
		25-29	200	166	83.0	30	15.0	64	32.0	32	16.0	26	13.0	14	7.0	30	15.0	14	7.0
		30-34	133	106	79.7	22	16.5	27	20.3	29	21.8	18	13.5	10	7.5	16	12.0	7	5.3
		35+	76	64	84.2	9	11.8	23	30.3	20	26.3	7	9.2	5	6.6	13	17.1	6	7.9
	Years since diagnosis	5-9	85	73	85.9	17	20.0	23	27.1	22	25.9	8	9.4	3	3.5	14	16.5	3	3.5
		10-14	319	264	82.8	44	13.8	97	30.4	62	19.4	36	11.3	25	7.8	57	17.9	31	9.7
		15-19	323	259	80.2	42	13.0	88	27.2	59	18.3	44	13.6	26	8.0	58	18.0	27	8.4
		20+	200	163	81.5	26	13.0	60	30.0	49	24.5	24	12.0	4	2.0	25	12.5	11	5.5
	Age at diagnosis	<1	93	75	80.6	14	15.1	28	30.1	18	19.4	13	14.0	2	2.2	22	23.7	13	14.0
		1-4	314	247	78.7	40	12.7	87	27.7	63	20.1	41	13.1	16	5.1	54	17.2	23	7.3
		5-9	171	149	87.1	22	12.9	62	36.3	38	22.2	17	9.9	10	5.8	24	14.0	14	8.2
		10-14	198	172	86.9	32	16.2	54	27.3	45	22.7	25	12.6	16	8.1	26	13.1	10	5.1
		15-20	151	116	76.8	21	13.9	37	24.5	28	18.5	16	10.6	14	9.3	28	18.5	12	7.9
	Treatment	Surgery only	3	2	66.7	1	33.3	1	33.3	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	557	434	77.9	92	16.5	152	27.3	108	19.4	62	11.1	20	3.6	70	12.6	30	5.4
		Chemotherapy and radiation	295	266	90.2	22	7.5	100	33.9	70	23.7	45	15.3	29	9.8	73	24.7	36	12.2
		Unknown	72	57	79.2	14	19.4	15	20.8	14	19.4	5	6.9	9	12.5	11	15.3	6	8.3
Males	All cases		454	362	79.7	62	13.7	131	28.9	88	19.4	53	11.7	28	6.2	66	14.5	26	5.7
	Age at baseline	<18	125	102	81.6	13	10.4	42	33.6	26	20.8	15	12.0	6	4.8	18	14.4	8	6.4
		18-19	45	37	82.2	7	15.6	10	22.2	11	24.4	7	15.6	2	4.4	10	22.2	4	8.9
		20-24	95	76	80.0	12	12.6	26	27.4	21	22.1	12	12.6	5	5.3	16	16.8	6	6.3
		25-29	90	70	77.8	11	12.2	31	34.4	12	13.3	8	8.9	8	8.9	10	11.1	3	3.3
		30-34	64	48	75.0	14	21.9	14	21.9	9	14.1	6	9.4	5	7.8	5	7.8	2	3.1
		35+	35	29	82.9	5	14.3	8	22.9	9	25.7	5	14.3	2	5.7	7	20.0	3	8.6
	Years since diagnosis	5-9	50	41	82.0	11	22.0	13	26.0	11	22.0	4	8.0	2	4.0	6	12.0	1	2.0
		10-14	159	127	79.9	18	11.3	52	32.7	30	18.9	13	8.2	14	8.8	22	13.8	11	6.9
		15-19	149	117	78.5	20	13.4	37	24.8	26	17.4	23	15.4	11	7.4	27	18.1	10	6.7
		20+	96	77	80.2	13	13.5	29	30.2	21	21.9	13	13.5	1	1.0	11	11.5	4	4.2
	Age at diagnosis	<1	40	32	80.0	6	15.0	13	32.5	6	15.0	6	15.0	1	2.5	8	20.0	5	12.5
		1-4	171	133	77.8	18	10.5	48	28.1	36	21.1	25	14.6	6	3.5	28	16.4	9	5.3
		5-9	79	69	87.3	11	13.9	27	34.2	17	21.5	8	10.1	6	7.6	10	12.7	6	7.6
		10-14	81	66	81.5	13	16.0	25	30.9	16	19.8	6	7.4	6	7.4	5	6.2	2	2.5
		15-20	83	62	74.7	14	16.9	18	21.7	13	15.7	8	9.6	9	10.8	15	18.1	4	4.8
	Treatment	Surgery only	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	269	203	75.5	38	14.1	71	26.4	49	18.2	33	12.3	12	4.5	34	12.6	12	4.5
		Chemotherapy and radiation	145	128	88.3	15	10.3	50	34.5	34	23.4	19	13.1	10	6.9	27	18.6	12	8.3
		Unknown	39	31	79.5	9	23.1	10	25.6	5	12.8	1	2.6	6	15.4	5	12.8	2	5.1

CCSS data from Jan2020 data freeze

Conditions at any time through Followup 6, with scoring per the Common Terminology Criteria for Adverse Events (v4.03)

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						Maximum Grade													
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Females	All cases		473	397	83.9	67	14.2	137	29.0	104	22.0	59	12.5	30	6.3	88	18.6	46	9.7
	Age at baseline	<18	105	90	85.7	17	16.2	31	29.5	23	21.9	12	11.4	7	6.7	23	21.9	9	8.6
		18-19	44	34	77.3	5	11.4	12	27.3	9	20.5	5	11.4	3	6.8	9	20.5	6	13.6
		20-24	104	84	80.8	14	13.5	33	31.7	21	20.2	10	9.6	6	5.8	19	18.3	12	11.5
		25-29	110	96	87.3	19	17.3	33	30.0	20	18.2	18	16.4	6	5.5	20	18.2	11	10.0
		30-34	69	58	84.1	8	11.6	13	18.8	20	29.0	12	17.4	5	7.2	11	15.9	5	7.2
		35+	41	35	85.4	4	9.8	15	36.6	11	26.8	2	4.9	3	7.3	6	14.6	3	7.3
	Years since diagnosis	5-9	35	32	91.4	6	17.1	10	28.6	11	31.4	4	11.4	1	2.9	8	22.9	2	5.7
		10-14	160	137	85.6	26	16.3	45	28.1	32	20.0	23	14.4	11	6.9	35	21.9	20	12.5
		15-19	174	142	81.6	22	12.6	51	29.3	33	19.0	21	12.1	15	8.6	31	17.8	17	9.8
		20+	104	86	82.7	13	12.5	31	29.8	28	26.9	11	10.6	3	2.9	14	13.5	7	6.7
	Age at diagnosis	<1	53	43	81.1	8	15.1	15	28.3	12	22.6	7	13.2	1	1.9	14	26.4	8	15.1
		1-4	143	114	79.7	22	15.4	39	27.3	27	18.9	16	11.2	10	7.0	26	18.2	14	9.8
		5-9	92	80	87.0	11	12.0	35	38.0	21	22.8	9	9.8	4	4.3	14	15.2	8	8.7
		10-14	117	106	90.6	19	16.2	29	24.8	29	24.8	19	16.2	10	8.5	21	17.9	8	6.8
		15-20	68	54	79.4	7	10.3	19	27.9	15	22.1	8	11.8	5	7.4	13	19.1	8	11.8
	Treatment	Surgery only	2	2	100.0	1	50.0	1	50.0	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	288	231	80.2	54	18.8	81	28.1	59	20.5	29	10.1	8	2.8	36	12.5	18	6.3
		Chemotherapy and radiation	150	138	92.0	7	4.7	50	33.3	36	24.0	26	17.3	19	12.7	46	30.7	24	16.0
		Unknown	33	26	78.8	5	15.2	5	15.2	9	27.3	4	12.1	3	9.1	6	18.2	4	12.1

CCSS data from Jan2020 data freeze

Conditions at any time through Followup 6, with scoring per the Common Terminology Criteria for Adverse Events (v4.03)

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n=7 participants with no baseline information are not included

						Maximum Grade														
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²		
				All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	All cases		4489	4010	89.3	600	13.4	1026	22.9	1040	23.2	1041	23.2	303	6.7	1145	25.5	559	12.5	
	Age at baseline	<18	953	889	93.3	135	14.2	211	22.1	243	25.5	255	26.8	45	4.7	257	27.0	132	13.9	
		18-19	377	346	91.8	57	15.1	75	19.9	99	26.3	97	25.7	18	4.8	88	23.3	42	11.1	
		20-24	1178	1027	87.2	158	13.4	265	22.5	254	21.6	271	23.0	79	6.7	272	23.1	137	11.6	
		25-29	1084	955	88.1	132	12.2	246	22.7	263	24.3	235	21.7	79	7.3	281	25.9	142	13.1	
		30-34	623	553	88.8	90	14.4	161	25.8	119	19.1	129	20.7	54	8.7	173	27.8	77	12.4	
		35+	274	240	87.6	28	10.2	68	24.8	62	22.6	54	19.7	28	10.2	74	27.0	29	10.6	
	Years since diagnosis	5-9	462	433	93.7	73	15.8	82	17.7	111	24.0	135	29.2	32	6.9	137	29.7	62	13.4	
		10-14	1540	1380	89.6	214	13.9	379	24.6	351	22.8	348	22.6	88	5.7	352	22.9	171	11.1	
		15-19	1415	1257	88.8	189	13.4	340	24.0	344	24.3	290	20.5	94	6.6	328	23.2	172	12.2	
		20+	1072	940	87.7	124	11.6	225	21.0	234	21.8	268	25.0	89	8.3	328	30.6	154	14.4	
	Age at diagnosis	<1	218	202	92.7	19	8.7	47	21.6	48	22.0	77	35.3	11	5.0	67	30.7	44	20.2	
		1-4	1321	1196	90.5	182	13.8	267	20.2	349	26.4	330	25.0	68	5.1	347	26.3	179	13.6	
		5-9	1405	1252	89.1	185	13.2	327	23.3	321	22.8	331	23.6	88	6.3	364	25.9	173	12.3	
		10-14	1067	939	88.0	153	14.3	261	24.5	226	21.2	210	19.7	89	8.3	253	23.7	106	9.9	
		15-20	478	421	88.1	61	12.8	124	25.9	96	20.1	93	19.5	47	9.8	114	23.8	57	11.9	
	Treatment	Surgery only	1272	1047	82.3	297	23.3	369	29.0	202	15.9	146	11.5	33	2.6	125	9.8	45	3.5	
		Chemotherapy, no radiation	355	306	86.2	49	13.8	84	23.7	93	26.2	73	20.6	7	2.0	60	16.9	25	7.0	
		Radiation, no chemotherapy	1171	1089	93.0	106	9.1	254	21.7	290	24.8	337	28.8	102	8.7	376	32.1	175	14.9	
		Chemotherapy and radiation	1249	1177	94.2	77	6.2	223	17.9	367	29.4	393	31.5	117	9.4	487	39.0	272	21.8	
		Unknown	442	391	88.5	71	16.1	96	21.7	88	19.9	92	20.8	44	10.0	97	21.9	42	9.5	
Males	All cases		2452	2172	88.6	335	13.7	553	22.6	548	22.3	559	22.8	177	7.2	617	25.2	300	12.2	
	Age at baseline	<18	529	492	93.0	73	13.8	122	23.1	134	25.3	136	25.7	27	5.1	132	25.0	67	12.7	
		18-19	191	175	91.6	32	16.8	38	19.9	47	24.6	49	25.7	9	4.7	43	22.5	22	11.5	
		20-24	633	541	85.5	78	12.3	138	21.8	139	22.0	142	22.4	44	7.0	147	23.2	78	12.3	
		25-29	618	541	87.5	82	13.3	127	20.6	144	23.3	134	21.7	54	8.7	162	26.2	77	12.5	
		30-34	332	292	88.0	54	16.3	86	25.9	58	17.5	69	20.8	25	7.5	95	28.6	42	12.7	
		35+	149	131	87.9	16	10.7	42	28.2	26	17.4	29	19.5	18	12.1	38	25.5	14	9.4	
	Years since diagnosis	5-9	263	244	92.8	37	14.1	53	20.2	59	22.4	75	28.5	20	7.6	72	27.4	31	11.8	
		10-14	832	736	88.5	121	14.5	186	22.4	179	21.5	195	23.4	55	6.6	190	22.8	97	11.7	
		15-19	772	682	88.3	107	13.9	185	24.0	190	24.6	150	19.4	50	6.5	181	23.4	90	11.7	
		20+	585	510	87.2	70	12.0	129	22.1	120	20.5	139	23.8	52	8.9	174	29.7	82	14.0	
	Age at diagnosis	<1	128	119	93.0	11	8.6	30	23.4	31	24.2	42	32.8	5	3.9	37	28.9	24	18.8	
		1-4	698	625	89.5	97	13.9	142	20.3	178	25.5	169	24.2	39	5.6	175	25.1	100	14.3	
		5-9	786	700	89.1	100	12.7	179	22.8	182	23.2	182	23.2	57	7.3	209	26.6	93	11.8	
		10-14	570	495	86.8	86	15.1	135	23.7	112	19.6	116	20.4	46	8.1	131	23.0	53	9.3	
		15-20	270	233	86.3	41	15.2	67	24.8	45	16.7	50	18.5	30	11.1	65	24.1	30	11.1	
	Treatment	Surgery only	649	522	80.4	156	24.0	191	29.4	89	13.7	67	10.3	19	2.9	61	9.4	26	4.0	
		Chemotherapy, no radiation	191	155	81.2	31	16.2	35	18.3	53	27.7	33	17.3	3	1.6	28	14.7	10	5.2	

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Denominator for all percentages is all cases.

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² Severe, disabling, or fatal conditions (grades 3-5)

n=7 participants with no baseline information are not included

						Maximum Grade													
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		Radiation, no chemotherapy	616	574	93.2	60	9.7	134	21.8	149	24.2	174	28.2	57	9.3	187	30.4	87	14.1
		Chemotherapy and radiation	742	697	93.9	47	6.3	139	18.7	210	28.3	231	31.1	70	9.4	287	38.7	157	21.2
		Unknown	254	224	88.2	41	16.1	54	21.3	47	18.5	54	21.3	28	11.0	54	21.3	20	7.9
Females	All cases		2037	1838	90.2	265	13.0	473	23.2	492	24.2	482	23.7	126	6.2	528	25.9	259	12.7
	Age at baseline	<18	424	397	93.6	62	14.6	89	21.0	109	25.7	119	28.1	18	4.2	125	29.5	65	15.3
		18-19	186	171	91.9	25	13.4	37	19.9	52	28.0	48	25.8	9	4.8	45	24.2	20	10.8
		20-24	545	486	89.2	80	14.7	127	23.3	115	21.1	129	23.7	35	6.4	125	22.9	59	10.8
		25-29	466	414	88.8	50	10.7	119	25.5	119	25.5	101	21.7	25	5.4	119	25.5	65	13.9
		30-34	291	261	89.7	36	12.4	75	25.8	61	21.0	60	20.6	29	10.0	78	26.8	35	12.0
		35+	125	109	87.2	12	9.6	26	20.8	36	28.8	25	20.0	10	8.0	36	28.8	15	12.0
	Years since diagnosis	5-9	199	189	95.0	36	18.1	29	14.6	52	26.1	60	30.2	12	6.0	65	32.7	31	15.6
		10-14	708	644	91.0	93	13.1	193	27.3	172	24.3	153	21.6	33	4.7	162	22.9	74	10.5
		15-19	643	575	89.4	82	12.8	155	24.1	154	24.0	140	21.8	44	6.8	147	22.9	82	12.8
		20+	487	430	88.3	54	11.1	96	19.7	114	23.4	129	26.5	37	7.6	154	31.6	72	14.8
	Age at diagnosis	<1	90	83	92.2	8	8.9	17	18.9	17	18.9	35	38.9	6	6.7	30	33.3	20	22.2
		1-4	623	571	91.7	85	13.6	125	20.1	171	27.4	161	25.8	29	4.7	172	27.6	79	12.7
		5-9	619	552	89.2	85	13.7	148	23.9	139	22.5	149	24.1	31	5.0	155	25.0	80	12.9
		10-14	497	444	89.3	67	13.5	126	25.4	114	22.9	94	18.9	43	8.7	122	24.5	53	10.7
		15-20	208	188	90.4	20	9.6	57	27.4	51	24.5	43	20.7	17	8.2	49	23.6	27	13.0
	Treatment	Surgery only	623	525	84.3	141	22.6	178	28.6	113	18.1	79	12.7	14	2.2	64	10.3	19	3.0
		Chemotherapy, no radiation	164	151	92.1	18	11.0	49	29.9	40	24.4	40	24.4	4	2.4	32	19.5	15	9.1
		Radiation, no chemotherapy	555	515	92.8	46	8.3	120	21.6	141	25.4	163	29.4	45	8.1	189	34.1	88	15.9
		Chemotherapy and radiation	507	480	94.7	30	5.9	84	16.6	157	31.0	162	32.0	47	9.3	200	39.4	115	22.7
		Unknown	188	167	88.8	30	16.0	42	22.3	41	21.8	38	20.2	16	8.5	43	22.9	22	11.7

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² Severe, disabling, or fatal conditions (grades 3-5)

n=7 participants with no baseline information are not included

						Maximum Grade													
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
				All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
Both sexes	All cases		2688	2345	87.2	434	16.1	599	22.3	545	20.3	591	22.0	176	6.5	604	22.5	290	10.8
	Age at baseline	<18	528	481	91.1	89	16.9	103	19.5	128	24.2	137	25.9	24	4.5	131	24.8	66	12.5
		18-19	215	195	90.7	43	20.0	41	19.1	53	24.7	47	21.9	11	5.1	35	16.3	17	7.9
		20-24	713	598	83.9	114	16.0	162	22.7	131	18.4	149	20.9	42	5.9	137	19.2	63	8.8
		25-29	664	574	86.4	105	15.8	148	22.3	134	20.2	138	20.8	49	7.4	158	23.8	82	12.3
		30-34	386	335	86.8	61	15.8	100	25.9	59	15.3	81	21.0	34	8.8	98	25.4	46	11.9
		35+	182	162	89.0	22	12.1	45	24.7	40	22.0	39	21.4	16	8.8	45	24.7	16	8.8
	Years since diagnosis	5-9	237	220	92.8	47	19.8	37	15.6	51	21.5	69	29.1	16	6.8	69	29.1	34	14.3
		10-14	906	777	85.8	155	17.1	213	23.5	178	19.6	184	20.3	47	5.2	165	18.2	80	8.8
		15-19	831	724	87.1	135	16.2	205	24.7	172	20.7	159	19.1	53	6.4	163	19.6	83	10.0
		20+	714	624	87.4	97	13.6	144	20.2	144	20.2	179	25.1	60	8.4	207	29.0	93	13.0
	Age at diagnosis	<1	150	140	93.3	9	6.0	26	17.3	34	22.7	60	40.0	11	7.3	53	35.3	36	24.0
		1-4	801	711	88.8	132	16.5	154	19.2	198	24.7	190	23.7	37	4.6	184	23.0	80	10.0
		5-9	793	678	85.5	141	17.8	176	22.2	157	19.8	152	19.2	52	6.6	166	20.9	86	10.8
		10-14	641	557	86.9	109	17.0	167	26.1	106	16.5	128	20.0	47	7.3	137	21.4	52	8.1
		15-20	303	259	85.5	43	14.2	76	25.1	50	16.5	61	20.1	29	9.6	64	21.1	36	11.9
	Treatment	Surgery only	1047	853	81.5	253	24.2	293	28.0	171	16.3	114	10.9	22	2.1	97	9.3	37	3.5
		Chemotherapy, no radiation	255	220	86.3	36	14.1	53	20.8	69	27.1	55	21.6	7	2.7	46	18.0	18	7.1
		Radiation, no chemotherapy	730	680	93.2	72	9.9	137	18.8	161	22.1	235	32.2	75	10.3	248	34.0	123	16.8
		Chemotherapy and radiation	371	348	93.8	25	6.7	56	15.1	86	23.2	134	36.1	47	12.7	155	41.8	90	24.3
		Unknown	285	244	85.6	48	16.8	60	21.1	58	20.4	53	18.6	25	8.8	58	20.4	22	7.7
Males	All cases		1405	1201	85.5	232	16.5	307	21.9	274	19.5	293	20.9	95	6.8	307	21.9	146	10.4
	Age at baseline	<18	279	250	89.6	41	14.7	55	19.7	73	26.2	66	23.7	15	5.4	61	21.9	31	11.1
		18-19	109	97	89.0	23	21.1	21	19.3	24	22.0	24	22.0	5	4.6	19	17.4	9	8.3
		20-24	354	284	80.2	52	14.7	80	22.6	66	18.6	67	18.9	19	5.4	62	17.5	28	7.9
		25-29	371	315	84.9	67	18.1	72	19.4	66	17.8	76	20.5	34	9.2	95	25.6	50	13.5
		30-34	195	167	85.6	34	17.4	51	26.2	28	14.4	40	20.5	14	7.2	49	25.1	22	11.3
		35+	97	88	90.7	15	15.5	28	28.9	17	17.5	20	20.6	8	8.2	21	21.6	6	6.2
	Years since diagnosis	5-9	125	113	90.4	18	14.4	24	19.2	27	21.6	35	28.0	9	7.2	34	27.2	17	13.6
		10-14	479	399	83.3	84	17.5	98	20.5	89	18.6	97	20.3	31	6.5	84	17.5	40	8.4
		15-19	422	361	85.5	75	17.8	106	25.1	85	20.1	72	17.1	23	5.5	86	20.4	40	9.5
		20+	379	328	86.5	55	14.5	79	20.8	73	19.3	89	23.5	32	8.4	103	27.2	49	12.9
	Age at diagnosis	<1	86	79	91.9	4	4.7	15	17.4	22	25.6	33	38.4	5	5.8	29	33.7	20	23.3
		1-4	403	348	86.4	64	15.9	80	19.9	95	23.6	91	22.6	18	4.5	85	21.1	42	10.4
		5-9	421	354	84.1	75	17.8	86	20.4	85	20.2	74	17.6	34	8.1	92	21.9	47	11.2
		10-14	328	278	84.8	59	18.0	80	24.4	52	15.9	64	19.5	23	7.0	68	20.7	20	6.1
		15-20	167	142	85.0	30	18.0	46	27.5	20	12.0	31	18.6	15	9.0	33	19.8	17	10.2
	Treatment	Surgery only	524	414	79.0	129	24.6	149	28.4	74	14.1	51	9.7	11	2.1	49	9.4	22	4.2
		Chemotherapy, no radiation	142	116	81.7	25	17.6	23	16.2	42	29.6	23	16.2	3	2.1	21	14.8	7	4.9

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			Maximum Grade																
			Any chronic condition (grade 1-5)			1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		Radiation, no chemotherapy	370	342	92.4	36	9.7	70	18.9	83	22.4	117	31.6	36	9.7	121	32.7	58	15.7
		Chemotherapy and radiation	211	194	91.9	15	7.1	30	14.2	48	22.7	71	33.6	30	14.2	86	40.8	49	23.2
		Unknown	158	135	85.4	27	17.1	35	22.2	27	17.1	31	19.6	15	9.5	30	19.0	10	6.3
Females	All cases		1283	1144	89.2	202	15.7	292	22.8	271	21.1	298	23.2	81	6.3	297	23.1	144	11.2
	Age at baseline	<18	249	231	92.8	48	19.3	48	19.3	55	22.1	71	28.5	9	3.6	70	28.1	35	14.1
		18-19	106	98	92.5	20	18.9	20	18.9	29	27.4	23	21.7	6	5.7	16	15.1	8	7.5
		20-24	359	314	87.5	62	17.3	82	22.8	65	18.1	82	22.8	23	6.4	75	20.9	35	9.7
		25-29	293	259	88.4	38	13.0	76	25.9	68	23.2	62	21.2	15	5.1	63	21.5	32	10.9
		30-34	191	168	88.0	27	14.1	49	25.7	31	16.2	41	21.5	20	10.5	49	25.7	24	12.6
		35+	85	74	87.1	7	8.2	17	20.0	23	27.1	19	22.4	8	9.4	24	28.2	10	11.8
	Years since diagnosis	5-9	112	107	95.5	29	25.9	13	11.6	24	21.4	34	30.4	7	6.3	35	31.3	17	15.2
		10-14	427	378	88.5	71	16.6	115	26.9	89	20.8	87	20.4	16	3.7	81	19.0	40	9.4
		15-19	409	363	88.8	60	14.7	99	24.2	87	21.3	87	21.3	30	7.3	77	18.8	43	10.5
		20+	335	296	88.4	42	12.5	65	19.4	71	21.2	90	26.9	28	8.4	104	31.0	44	13.1
	Age at diagnosis	<1	64	61	95.3	5	7.8	11	17.2	12	18.8	27	42.2	6	9.4	24	37.5	16	25.0
		1-4	398	363	91.2	68	17.1	74	18.6	103	25.9	99	24.9	19	4.8	99	24.9	38	9.5
		5-9	372	324	87.1	66	17.7	90	24.2	72	19.4	78	21.0	18	4.8	74	19.9	39	10.5
		10-14	313	279	89.1	50	16.0	87	27.8	54	17.3	64	20.4	24	7.7	69	22.0	32	10.2
		15-20	136	117	86.0	13	9.6	30	22.1	30	22.1	30	22.1	14	10.3	31	22.8	19	14.0
	Treatment	Surgery only	523	439	83.9	124	23.7	144	27.5	97	18.5	63	12.0	11	2.1	48	9.2	15	2.9
		Chemotherapy, no radiation	113	104	92.0	11	9.7	30	26.5	27	23.9	32	28.3	4	3.5	25	22.1	11	9.7
		Radiation, no chemotherapy	360	338	93.9	36	10.0	67	18.6	78	21.7	118	32.8	39	10.8	127	35.3	65	18.1
		Chemotherapy and radiation	160	154	96.3	10	6.3	26	16.3	38	23.8	63	39.4	17	10.6	69	43.1	41	25.6
		Unknown	127	109	85.8	21	16.5	25	19.7	31	24.4	22	17.3	10	7.9	28	22.0	12	9.4

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						Maximum Grade															
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²			
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%		
Both sexes	All cases		1040	983	94.5	70	6.7	206	19.8	339	32.6	291	28.0	77	7.4	395	38.0	199	19.1		
	Age at baseline	<18	246	242	98.4	18	7.3	58	23.6	77	31.3	79	32.1	10	4.1	89	36.2	47	19.1		
		18-19	83	82	98.8	8	9.6	14	16.9	27	32.5	29	34.9	4	4.8	35	42.2	19	22.9		
		20-24	291	270	92.8	18	6.2	57	19.6	86	29.6	83	28.5	26	8.9	107	36.8	60	20.6		
		25-29	252	230	91.3	13	5.2	42	16.7	92	36.5	63	25.0	20	7.9	90	35.7	43	17.1		
		30-34	131	125	95.4	10	7.6	25	19.1	46	35.1	32	24.4	12	9.2	58	44.3	24	18.3		
		35+	37	34	91.9	3	8.1	10	27.0	11	29.7	5	13.5	5	13.5	16	43.2	6	16.2		
	Years since diagnosis	5-9	124	120	96.8	10	8.1	21	16.9	38	30.6	41	33.1	10	8.1	44	35.5	19	15.3		
		10-14	355	346	97.5	26	7.3	81	22.8	119	33.5	100	28.2	20	5.6	131	36.9	68	19.2		
		15-19	344	321	93.3	23	6.7	62	18.0	121	35.2	87	25.3	28	8.1	126	36.6	66	19.2		
		20+	217	196	90.3	11	5.1	42	19.4	61	28.1	63	29.0	19	8.8	94	43.3	46	21.2		
	Age at diagnosis	<1	28	26	92.9	2	7.1	9	32.1	6	21.4	9	32.1	.	.	8	28.6	4	14.3		
		1-4	298	284	95.3	25	8.4	53	17.8	93	31.2	93	31.2	20	6.7	121	40.6	75	25.2		
		5-9	422	401	95.0	18	4.3	93	22.0	135	32.0	128	30.3	27	6.4	158	37.4	74	17.5		
		10-14	230	214	93.0	18	7.8	42	18.3	80	34.8	50	21.7	24	10.4	82	35.7	37	16.1		
		15-20	62	58	93.5	7	11.3	9	14.5	25	40.3	11	17.7	6	9.7	26	41.9	9	14.5		
	Treatment	Surgery only	8	8	100.0	1	12.5	2	25.0	3	37.5	.	.	2	25.0	3	37.5	1	12.5		
		Chemotherapy, no radiation	53	46	86.8	7	13.2	16	30.2	15	28.3	8	15.1	.	.	10	18.9	4	7.5		
		Radiation, no chemotherapy	208	198	95.2	13	6.3	47	22.6	73	35.1	53	25.5	12	5.8	79	38.0	35	16.8		
		Chemotherapy and radiation	692	657	94.9	36	5.2	124	17.9	231	33.4	209	30.2	57	8.2	283	40.9	151	21.8		
		Unknown	79	74	93.7	13	16.5	17	21.5	17	21.5	21	26.6	6	7.6	20	25.3	8	10.1		
Males	All cases		632	600	94.9	42	6.6	135	21.4	190	30.1	181	28.6	52	8.2	237	37.5	122	19.3		
	Age at baseline	<18	147	146	99.3	12	8.2	38	25.9	40	27.2	50	34.0	6	4.1	56	38.1	30	20.4		
		18-19	47	47	100.0	6	12.8	7	14.9	13	27.7	17	36.2	4	8.5	20	42.6	11	23.4		
		20-24	185	171	92.4	9	4.9	37	20.0	55	29.7	51	27.6	19	10.3	70	37.8	43	23.2		
		25-29	157	145	92.4	8	5.1	29	18.5	56	35.7	39	24.8	13	8.3	49	31.2	20	12.7		
		30-34	73	71	97.3	6	8.2	16	21.9	21	28.8	21	28.8	7	9.6	35	47.9	15	20.5		
		35+	23	20	87.0	1	4.3	8	34.8	5	21.7	3	13.0	3	13.0	7	30.4	3	13.0		
	Years since diagnosis	5-9	76	74	97.4	8	10.5	14	18.4	20	26.3	25	32.9	7	9.2	26	34.2	11	14.5		
		10-14	208	201	96.6	16	7.7	50	24.0	58	27.9	65	31.3	12	5.8	81	38.9	47	22.6		
		15-19	217	206	94.9	13	6.0	42	19.4	75	34.6	55	25.3	21	9.7	75	34.6	39	18.0		
		20+	131	119	90.8	5	3.8	29	22.1	37	28.2	36	27.5	12	9.2	55	42.0	25	19.1		
	Age at diagnosis	<1	16	16	100.0	1	6.3	5	31.3	5	31.3	5	31.3	.	.	6	37.5	3	18.8		
		1-4	180	173	96.1	15	8.3	33	18.3	54	30.0	55	30.6	16	8.9	73	40.6	48	26.7		
		5-9	267	256	95.9	9	3.4	62	23.2	83	31.1	82	30.7	20	7.5	103	38.6	44	16.5		
		10-14	132	122	92.4	12	9.1	31	23.5	35	26.5	32	24.2	12	9.1	41	31.1	23	17.4		
		15-20	37	33	89.2	5	13.5	4	10.8	13	35.1	7	18.9	4	10.8	14	37.8	4	10.8		
	Treatment	Surgery only	5	5	100.0	1	20.0	1	20.0	1	20.0	.	.	2	40.0	1	20.0	1	20.0		
		Chemotherapy, no radiation	27	23	85.2	4	14.8	7	25.9	8	29.6	4	14.8	.	.	5	18.5	2	7.4		

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Denominator for all percentages is all cases.

¹ Fatal does not represent all deaths, only those attributed to specific chronic conditions² Severe, disabling, or fatal conditions (grades 3-5)

n=7 participants with no baseline information are not included

					Maximum Grade											Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
			Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹						
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		Radiation, no chemotherapy	115	111	96.5	9	7.8	30	26.1	34	29.6	30	26.1	8	7.0	41	35.7	21	18.3
		Chemotherapy and radiation	437	417	95.4	22	5.0	89	20.4	135	30.9	134	30.7	37	8.5	178	40.7	94	21.5
		Unknown	48	44	91.7	6	12.5	8	16.7	12	25.0	13	27.1	5	10.4	12	25.0	4	8.3
Females	All cases		408	383	93.9	28	6.9	71	17.4	149	36.5	110	27.0	25	6.1	158	38.7	77	18.9
	Age at baseline	<18	99	96	97.0	6	6.1	20	20.2	37	37.4	29	29.3	4	4.0	33	33.3	17	17.2
		18-19	36	35	97.2	2	5.6	7	19.4	14	38.9	12	33.3	.	.	15	41.7	8	22.2
		20-24	106	99	93.4	9	8.5	20	18.9	31	29.2	32	30.2	7	6.6	37	34.9	17	16.0
		25-29	95	85	89.5	5	5.3	13	13.7	36	37.9	24	25.3	7	7.4	41	43.2	23	24.2
		30-34	58	54	93.1	4	6.9	9	15.5	25	43.1	11	19.0	5	8.6	23	39.7	9	15.5
		35+	14	14	100.0	2	14.3	2	14.3	6	42.9	2	14.3	2	14.3	9	64.3	3	21.4
	Years since diagnosis	5-9	48	46	95.8	2	4.2	7	14.6	18	37.5	16	33.3	3	6.3	18	37.5	8	16.7
		10-14	147	145	98.6	10	6.8	31	21.1	61	41.5	35	23.8	8	5.4	50	34.0	21	14.3
		15-19	127	115	90.6	10	7.9	20	15.7	46	36.2	32	25.2	7	5.5	51	40.2	27	21.3
		20+	86	77	89.5	6	7.0	13	15.1	24	27.9	27	31.4	7	8.1	39	45.3	21	24.4
	Age at diagnosis	<1	12	10	83.3	1	8.3	4	33.3	1	8.3	4	33.3	.	.	2	16.7	1	8.3
		1-4	118	111	94.1	10	8.5	20	16.9	39	33.1	38	32.2	4	3.4	48	40.7	27	22.9
		5-9	155	145	93.5	9	5.8	31	20.0	52	33.5	46	29.7	7	4.5	55	35.5	30	19.4
		10-14	98	92	93.9	6	6.1	11	11.2	45	45.9	18	18.4	12	12.2	41	41.8	14	14.3
		15-20	25	25	100.0	2	8.0	5	20.0	12	48.0	4	16.0	2	8.0	12	48.0	5	20.0
	Treatment	Surgery only	3	3	100.0	.	.	1	33.3	2	66.7	.	.	.	.	2	66.7	.	.
		Chemotherapy, no radiation	26	23	88.5	3	11.5	9	34.6	7	26.9	4	15.4	.	.	5	19.2	2	7.7
		Radiation, no chemotherapy	93	87	93.5	4	4.3	17	18.3	39	41.9	23	24.7	4	4.3	38	40.9	14	15.1
		Chemotherapy and radiation	255	240	94.1	14	5.5	35	13.7	96	37.6	75	29.4	20	7.8	105	41.2	57	22.4
		Unknown	31	30	96.8	7	22.6	9	29.0	5	16.1	8	25.8	1	3.2	8	25.8	4	12.9

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Denominator for all percentages is all cases.

¹ Fatal does not represent all deaths, only those attributed to specific chronic conditions

² Severe, disabling, or fatal conditions (grades 3-5)

n=7 participants with no baseline information are not included

						Maximum Grade														
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²		
				All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	All cases		3107	2658	85.5	340	10.9	730	23.5	541	17.4	468	15.1	579	18.6	761	24.5	351	11.3	
	Age at baseline	<18	61	48	78.7	5	8.2	20	32.8	14	23.0	4	6.6	5	8.2	7	11.5	1	1.6	
		18-19	62	49	79.0	10	16.1	19	30.6	12	19.4	2	3.2	6	9.7	3	4.8	1	1.6	
		20-24	376	277	73.7	51	13.6	92	24.5	56	14.9	40	10.6	38	10.1	64	17.0	21	5.6	
		25-29	798	660	82.7	115	14.4	189	23.7	151	18.9	105	13.2	100	12.5	155	19.4	55	6.9	
		30-34	949	823	86.7	103	10.9	216	22.8	172	18.1	149	15.7	183	19.3	223	23.5	110	11.6	
		35+	861	801	93.0	56	6.5	194	22.5	136	15.8	168	19.5	247	28.7	309	35.9	163	18.9	
	Years since diagnosis	5-9	242	187	77.3	26	10.7	53	21.9	41	16.9	28	11.6	39	16.1	41	16.9	13	5.4	
		10-14	947	785	82.9	128	13.5	245	25.9	160	16.9	130	13.7	122	12.9	179	18.9	61	6.4	
		15-19	1010	866	85.7	117	11.6	255	25.2	174	17.2	146	14.5	174	17.2	239	23.7	118	11.7	
		20+	908	820	90.3	69	7.6	177	19.5	166	18.3	164	18.1	244	26.9	302	33.3	159	17.5	
	Age at diagnosis	1-4	84	65	77.4	15	17.9	26	31.0	13	15.5	5	6.0	6	7.1	11	13.1	8	9.5	
		5-9	421	332	78.9	64	15.2	89	21.1	90	21.4	36	8.6	53	12.6	67	15.9	22	5.2	
		10-14	1118	941	84.2	123	11.0	253	22.6	199	17.8	169	15.1	197	17.6	282	25.2	128	11.4	
		15-20	1484	1320	88.9	138	9.3	362	24.4	239	16.1	258	17.4	323	21.8	401	27.0	193	13.0	
	Treatment	Surgery only	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	363	263	72.5	80	22.0	78	21.5	56	15.4	26	7.2	23	6.3	40	11.0	10	2.8	
		Radiation, no chemotherapy	651	607	93.2	38	5.8	138	21.2	106	16.3	143	22.0	182	28.0	229	35.2	121	18.6	
		Chemotherapy and radiation	1759	1512	86.0	173	9.8	450	25.6	334	19.0	257	14.6	298	16.9	421	23.9	189	10.7	
		Unknown	332	276	83.1	49	14.8	64	19.3	45	13.6	42	12.7	76	22.9	71	21.4	31	9.3	
Males	All cases		1631	1318	80.8	219	13.4	408	25.0	235	14.4	165	10.1	291	17.8	291	17.8	125	7.7	
	Age at baseline	<18	46	36	78.3	5	10.9	16	34.8	9	19.6	3	6.5	3	6.5	5	10.9	1	2.2	
		18-19	49	38	77.6	8	16.3	13	26.5	11	22.4	1	2.0	5	10.2	3	6.1	1	2.0	
		20-24	239	160	66.9	34	14.2	55	23.0	33	13.8	13	5.4	25	10.5	33	13.8	13	5.4	
		25-29	445	351	78.9	70	15.7	104	23.4	69	15.5	50	11.2	58	13.0	74	16.6	27	6.1	
		30-34	480	396	82.5	67	14.0	116	24.2	65	13.5	52	10.8	96	20.0	76	15.8	36	7.5	
		35+	372	337	90.6	35	9.4	104	28.0	48	12.9	46	12.4	104	28.0	100	26.9	47	12.6	
	Years since diagnosis	5-9	138	96	69.6	14	10.1	29	21.0	22	15.9	11	8.0	20	14.5	20	14.5	8	5.8	
		10-14	492	389	79.1	75	15.2	129	26.2	67	13.6	48	9.8	70	14.2	73	14.8	27	5.5	
		15-19	539	431	80.0	82	15.2	142	26.3	76	14.1	43	8.0	88	16.3	84	15.6	35	6.5	
		20+	462	402	87.0	48	10.4	108	23.4	70	15.2	63	13.6	113	24.5	114	24.7	55	11.9	
	Age at diagnosis	1-4	63	47	74.6	11	17.5	19	30.2	10	15.9	2	3.2	5	7.9	8	12.7	6	9.5	
		5-9	305	233	76.4	52	17.0	65	21.3	53	17.4	26	8.5	37	12.1	43	14.1	14	4.6	
		10-14	579	458	79.1	75	13.0	145	25.0	85	14.7	58	10.0	95	16.4	104	18.0	41	7.1	
		15-20	684	580	84.8	81	11.8	179	26.2	87	12.7	79	11.5	154	22.5	136	19.9	64	9.4	
	Treatment	Surgery only	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	186	124	66.7	43	23.1	39	21.0	22	11.8	11	5.9	9	4.8	11	5.9	5	2.7	
		Radiation, no chemotherapy	336	307	91.4	28	8.3	91	27.1	54	16.1	51	15.2	83	24.7	92	27.4	44	13.1	
		Chemotherapy and radiation	911	730	80.1	113	12.4	241	26.5	140	15.4	84	9.2	152	16.7	151	16.6	59	6.5	

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n=7 participants with no baseline information are not included

						Maximum Grade													
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		Unknown	197	157	79.7	35	17.8	37	18.8	19	9.6	19	9.6	47	23.9	37	18.8	17	8.6
Females	All cases		1476	1340	90.8	121	8.2	322	21.8	306	20.7	303	20.5	288	19.5	470	31.8	226	15.3
	Age at baseline	<18	15	12	80.0	.	.	4	26.7	5	33.3	1	6.7	2	13.3	2	13.3	.	.
		18-19	13	11	84.6	2	15.4	6	46.2	1	7.7	1	7.7	1	7.7	.	.	.	.
		20-24	137	117	85.4	17	12.4	37	27.0	23	16.8	27	19.7	13	9.5	31	22.6	8	5.8
		25-29	353	309	87.5	45	12.7	85	24.1	82	23.2	55	15.6	42	11.9	81	22.9	28	7.9
		30-34	469	427	91.0	36	7.7	100	21.3	107	22.8	97	20.7	87	18.6	147	31.3	74	15.8
		35+	489	464	94.9	21	4.3	90	18.4	88	18.0	122	24.9	143	29.2	209	42.7	116	23.7
	Years since diagnosis	5-9	104	91	87.5	12	11.5	24	23.1	19	18.3	17	16.3	19	18.3	21	20.2	5	4.8
		10-14	455	396	87.0	53	11.6	116	25.5	93	20.4	82	18.0	52	11.4	106	23.3	34	7.5
		15-19	471	435	92.4	35	7.4	113	24.0	98	20.8	103	21.9	86	18.3	155	32.9	83	17.6
		20+	446	418	93.7	21	4.7	69	15.5	96	21.5	101	22.6	131	29.4	188	42.2	104	23.3
	Age at diagnosis	1-4	21	18	85.7	4	19.0	7	33.3	3	14.3	3	14.3	1	4.8	3	14.3	2	9.5
		5-9	116	99	85.3	12	10.3	24	20.7	37	31.9	10	8.6	16	13.8	24	20.7	8	6.9
		10-14	539	483	89.6	48	8.9	108	20.0	114	21.2	111	20.6	102	18.9	178	33.0	87	16.1
		15-20	800	740	92.5	57	7.1	183	22.9	152	19.0	179	22.4	169	21.1	265	33.1	129	16.1
	Treatment	Surgery only	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	177	139	78.5	37	20.9	39	22.0	34	19.2	15	8.5	14	7.9	29	16.4	5	2.8
		Radiation, no chemotherapy	315	300	95.2	10	3.2	47	14.9	52	16.5	92	29.2	99	31.4	137	43.5	77	24.4
		Chemotherapy and radiation	848	782	92.2	60	7.1	209	24.6	194	22.9	173	20.4	146	17.2	270	31.8	130	15.3
		Unknown	135	119	88.1	14	10.4	27	20.0	26	19.3	23	17.0	29	21.5	34	25.2	14	10.4

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						Maximum Grade													
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
				All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
Both sexes	All cases		2114	1569	74.2	356	16.8	431	20.4	424	20.1	210	9.9	148	7.0	269	12.7	100	4.7
	Age at baseline	<18	212	151	71.2	36	17.0	41	19.3	36	17.0	23	10.8	15	7.1	21	9.9	10	4.7
		18-19	132	95	72.0	26	19.7	23	17.4	21	15.9	16	12.1	9	6.8	13	9.8	4	3.0
		20-24	469	328	69.9	86	18.3	88	18.8	100	21.3	32	6.8	22	4.7	45	9.6	18	3.8
		25-29	569	420	73.8	94	16.5	123	21.6	112	19.7	51	9.0	40	7.0	76	13.4	32	5.6
		30-34	483	371	76.8	84	17.4	103	21.3	98	20.3	54	11.2	32	6.6	69	14.3	20	4.1
		35+	249	204	81.9	30	12.0	53	21.3	57	22.9	34	13.7	30	12.0	45	18.1	16	6.4
	Years since diagnosis	5-9	144	108	75.0	33	22.9	24	16.7	25	17.4	7	4.9	19	13.2	14	9.7	5	3.5
		10-14	672	486	72.3	110	16.4	136	20.2	131	19.5	76	11.3	33	4.9	76	11.3	32	4.8
		15-19	730	542	74.2	123	16.8	149	20.4	155	21.2	67	9.2	48	6.6	80	11.0	31	4.2
		20+	568	433	76.2	90	15.8	122	21.5	113	19.9	60	10.6	48	8.5	99	17.4	32	5.6
	Age at diagnosis	<1	15	10	66.7	2	13.3	2	13.3	3	20.0	1	6.7	2	13.3	3	20.0	.	.
		1-4	344	231	67.2	54	15.7	68	19.8	60	17.4	31	9.0	18	5.2	36	10.5	14	4.1
		5-9	647	479	74.0	126	19.5	129	19.9	129	19.9	58	9.0	37	5.7	75	11.6	27	4.2
		10-14	674	502	74.5	114	16.9	134	19.9	151	22.4	58	8.6	45	6.7	85	12.6	31	4.6
		15-20	434	347	80.0	60	13.8	98	22.6	81	18.7	62	14.3	46	10.6	70	16.1	28	6.5
	Treatment	Surgery only	16	11	68.8	2	12.5	1	6.3	4	25.0	2	12.5	2	12.5	3	18.8	.	.
		Chemotherapy, no radiation	1075	730	67.9	205	19.1	221	20.6	185	17.2	87	8.1	32	3.0	81	7.5	32	3.0
		Radiation, no chemotherapy	38	33	86.8	6	15.8	8	21.1	6	15.8	3	7.9	10	26.3	7	18.4	4	10.5
		Chemotherapy and radiation	766	634	82.8	112	14.6	165	21.5	181	23.6	99	12.9	77	10.1	147	19.2	56	7.3
		Unknown	219	161	73.5	31	14.2	36	16.4	48	21.9	19	8.7	27	12.3	31	14.2	8	3.7
Males	All cases		1436	1013	70.5	239	16.6	257	17.9	286	19.9	134	9.3	97	6.8	173	12.0	60	4.2
	Age at baseline	<18	146	100	68.5	23	15.8	25	17.1	25	17.1	17	11.6	10	6.8	17	11.6	8	5.5
		18-19	97	63	64.9	21	21.6	13	13.4	12	12.4	12	12.4	5	5.2	8	8.2	3	3.1
		20-24	304	198	65.1	56	18.4	45	14.8	64	21.1	19	6.3	14	4.6	26	8.6	7	2.3
		25-29	405	289	71.4	60	14.8	84	20.7	83	20.5	35	8.6	27	6.7	54	13.3	21	5.2
		30-34	319	234	73.4	59	18.5	59	18.5	62	19.4	31	9.7	23	7.2	38	11.9	11	3.4
		35+	165	129	78.2	20	12.1	31	18.8	40	24.2	20	12.1	18	10.9	30	18.2	10	6.1
	Years since diagnosis	5-9	109	78	71.6	22	20.2	17	15.6	22	20.2	6	5.5	11	10.1	12	11.0	4	3.7
		10-14	457	315	68.9	81	17.7	78	17.1	87	19.0	50	10.9	19	4.2	49	10.7	20	4.4
		15-19	480	336	70.0	79	16.5	80	16.7	103	21.5	42	8.8	32	6.7	53	11.0	19	4.0
		20+	390	284	72.8	57	14.6	82	21.0	74	19.0	36	9.2	35	9.0	59	15.1	17	4.4
	Age at diagnosis	<1	5	3	60.0	.	.	.	.	1	20.0	1	20.0	1	20.0	2	40.0	.	.
		1-4	232	147	63.4	34	14.7	41	17.7	36	15.5	21	9.1	15	6.5	24	10.3	9	3.9
		5-9	451	310	68.7	85	18.8	77	17.1	84	18.6	39	8.6	25	5.5	48	10.6	14	3.1
		10-14	463	333	71.9	77	16.6	80	17.3	110	23.8	35	7.6	31	6.7	55	11.9	19	4.1
		15-20	285	220	77.2	43	15.1	59	20.7	55	19.3	38	13.3	25	8.8	44	15.4	18	6.3
	Treatment	Surgery only	13	10	76.9	2	15.4	1	7.7	3	23.1	2	15.4	2	15.4	3	23.1	.	.
		Chemotherapy, no radiation	727	457	62.9	126	17.3	126	17.3	127	17.5	55	7.6	23	3.2	56	7.7	21	2.9

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Denominator for all percentages is all cases.

¹ Fatal does not represent all deaths, only those attributed to specific chronic conditions

² Severe, disabling, or fatal conditions (grades 3-5)

n=7 participants with no baseline information are not included

						Maximum Grade													
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		Radiation, no chemotherapy	28	24	85.7	6	21.4	6	21.4	3	10.7	2	7.1	7	25.0	5	17.9	3	10.7
		Chemotherapy and radiation	511	408	79.8	83	16.2	105	20.5	116	22.7	59	11.5	45	8.8	85	16.6	30	5.9
		Unknown	157	114	72.6	22	14.0	19	12.1	37	23.6	16	10.2	20	12.7	24	15.3	6	3.8
Females	All cases		678	556	82.0	117	17.3	174	25.7	138	20.4	76	11.2	51	7.5	96	14.2	40	5.9
	Age at baseline	<18	66	51	77.3	13	19.7	16	24.2	11	16.7	6	9.1	5	7.6	4	6.1	2	3.0
		18-19	35	32	91.4	5	14.3	10	28.6	9	25.7	4	11.4	4	11.4	5	14.3	1	2.9
		20-24	165	130	78.8	30	18.2	43	26.1	36	21.8	13	7.9	8	4.8	19	11.5	11	6.7
		25-29	164	131	79.9	34	20.7	39	23.8	29	17.7	16	9.8	13	7.9	22	13.4	11	6.7
		30-34	164	137	83.5	25	15.2	44	26.8	36	22.0	23	14.0	9	5.5	31	18.9	9	5.5
		35+	84	75	89.3	10	11.9	22	26.2	17	20.2	14	16.7	12	14.3	15	17.9	6	7.1
	Years since diagnosis	5-9	35	30	85.7	11	31.4	7	20.0	3	8.6	1	2.9	8	22.9	2	5.7	1	2.9
		10-14	215	171	79.5	29	13.5	58	27.0	44	20.5	26	12.1	14	6.5	27	12.6	12	5.6
		15-19	250	206	82.4	44	17.6	69	27.6	52	20.8	25	10.0	16	6.4	27	10.8	12	4.8
		20+	178	149	83.7	33	18.5	40	22.5	39	21.9	24	13.5	13	7.3	40	22.5	15	8.4
	Age at diagnosis	<1	10	7	70.0	2	20.0	2	20.0	2	20.0	.	.	1	10.0	1	10.0	.	.
		1-4	112	84	75.0	20	17.9	27	24.1	24	21.4	10	8.9	3	2.7	12	10.7	5	4.5
		5-9	196	169	86.2	41	20.9	52	26.5	45	23.0	19	9.7	12	6.1	27	13.8	13	6.6
		10-14	211	169	80.1	37	17.5	54	25.6	41	19.4	23	10.9	14	6.6	30	14.2	12	5.7
		15-20	149	127	85.2	17	11.4	39	26.2	26	17.4	24	16.1	21	14.1	26	17.4	10	6.7
	Treatment	Surgery only	3	1	33.3	.	.	.	.	1	33.3	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	348	273	78.4	79	22.7	95	27.3	58	16.7	32	9.2	9	2.6	25	7.2	11	3.2
		Radiation, no chemotherapy	10	9	90.0	.	.	2	20.0	3	30.0	1	10.0	3	30.0	2	20.0	1	10.0
		Chemotherapy and radiation	255	226	88.6	29	11.4	60	23.5	65	25.5	40	15.7	32	12.5	62	24.3	26	10.2
		Unknown	62	47	75.8	9	14.5	17	27.4	11	17.7	3	4.8	7	11.3	7	11.3	2	3.2

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Denominator for all percentages is all cases.

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² Severe, disabling, or fatal conditions (grades 3-5)

n=7 participants with no baseline information are not included

						Maximum Grade													
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
				All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
Both sexes	All cases		2275	1553	68.3	500	22.0	449	19.7	333	14.6	179	7.9	92	4.0	192	8.4	69	3.0
	Age at baseline	<18	834	568	68.1	183	21.9	174	20.9	117	14.0	62	7.4	32	3.8	53	6.4	18	2.2
		18-19	306	188	61.4	62	20.3	58	19.0	45	14.7	22	7.2	1	0.3	18	5.9	9	2.9
		20-24	669	462	69.1	158	23.6	130	19.4	98	14.6	50	7.5	26	3.9	64	9.6	21	3.1
		25-29	374	274	73.3	75	20.1	75	20.1	61	16.3	38	10.2	25	6.7	50	13.4	18	4.8
		30-34	74	44	59.5	16	21.6	7	9.5	11	14.9	5	6.8	5	6.8	4	5.4	1	1.4
		35+	18	17	94.4	6	33.3	5	27.8	1	5.6	2	11.1	3	16.7	3	16.7	2	11.1
	Years since diagnosis	5-9	177	125	70.6	33	18.6	28	15.8	34	19.2	18	10.2	12	6.8	17	9.6	7	4.0
		10-14	740	504	68.1	176	23.8	156	21.1	105	14.2	46	6.2	21	2.8	47	6.4	16	2.2
		15-19	760	495	65.1	165	21.7	145	19.1	103	13.6	62	8.2	20	2.6	54	7.1	25	3.3
		20+	598	429	71.7	126	21.1	120	20.1	91	15.2	53	8.9	39	6.5	74	12.4	21	3.5
	Age at diagnosis	<1	330	213	64.5	68	20.6	70	21.2	38	11.5	30	9.1	7	2.1	25	7.6	8	2.4
		1-4	1396	948	67.9	311	22.3	283	20.3	197	14.1	97	6.9	60	4.3	104	7.4	33	2.4
		5-9	468	331	70.7	98	20.9	88	18.8	86	18.4	40	8.5	19	4.1	53	11.3	23	4.9
		10-14	58	43	74.1	17	29.3	6	10.3	7	12.1	9	15.5	4	6.9	7	12.1	4	6.9
		15-20	23	18	78.3	6	26.1	2	8.7	5	21.7	3	13.0	2	8.7	3	13.0	1	4.3
	Treatment	Surgery only	34	26	76.5	15	44.1	6	17.6	3	8.8	2	5.9	.	.	2	5.9	1	2.9
		Chemotherapy, no radiation	869	528	60.8	220	25.3	176	20.3	77	8.9	47	5.4	8	0.9	31	3.6	14	1.6
		Radiation, no chemotherapy	4	3	75.0	.	.	1	25.0	1	25.0	1	25.0	.	.	1	25.0	.	.
		Chemotherapy and radiation	1154	855	74.1	216	18.7	234	20.3	219	19.0	119	10.3	67	5.8	138	12.0	50	4.3
		Unknown	214	141	65.9	49	22.9	32	15.0	33	15.4	10	4.7	17	7.9	20	9.3	4	1.9
Males	All cases		1020	674	66.1	249	24.4	196	19.2	109	10.7	77	7.5	43	4.2	69	6.8	29	2.8
	Age at baseline	<18	404	275	68.1	104	25.7	76	18.8	46	11.4	29	7.2	20	5.0	24	5.9	9	2.2
		18-19	127	73	57.5	28	22.0	22	17.3	11	8.7	11	8.7	1	0.8	4	3.1	4	3.1
		20-24	285	186	65.3	71	24.9	53	18.6	29	10.2	23	8.1	10	3.5	24	8.4	12	4.2
		25-29	166	120	72.3	36	21.7	40	24.1	22	13.3	12	7.2	10	6.0	17	10.2	4	2.4
		30-34	30	13	43.3	7	23.3	2	6.7	1	3.3	1	3.3	2	6.7	.	.	.	.
		35+	8	7	87.5	3	37.5	3	37.5	.	.	1	12.5	.	.	.	.	.	.
	Years since diagnosis	5-9	79	58	73.4	20	25.3	9	11.4	15	19.0	7	8.9	7	8.9	7	8.9	2	2.5
		10-14	334	226	67.7	93	27.8	68	20.4	32	9.6	20	6.0	13	3.9	19	5.7	10	3.0
		15-19	336	205	61.0	78	23.2	58	17.3	32	9.5	31	9.2	6	1.8	16	4.8	9	2.7
		20+	271	185	68.3	58	21.4	61	22.5	30	11.1	19	7.0	17	6.3	27	10.0	8	3.0
	Age at diagnosis	<1	168	103	61.3	35	20.8	32	19.0	14	8.3	18	10.7	4	2.4	10	6.0	4	2.4
		1-4	629	423	67.2	164	26.1	124	19.7	68	10.8	39	6.2	28	4.5	40	6.4	14	2.2
		5-9	193	129	66.8	41	21.2	38	19.7	23	11.9	16	8.3	11	5.7	18	9.3	11	5.7
		10-14	21	13	61.9	6	28.6	1	4.8	3	14.3	3	14.3	.	.	.	.	.	.
		15-20	9	6	66.7	3	33.3	1	11.1	1	11.1	1	11.1	.	.	1	11.1	.	.
	Treatment	Surgery only	18	14	77.8	6	33.3	5	27.8	1	5.6	2	11.1	.	.	1	5.6	1	5.6
		Chemotherapy, no radiation	395	233	59.0	109	27.6	71	18.0	29	7.3	20	5.1	4	1.0	12	3.0	5	1.3

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						Maximum Grade															
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²			
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%		
		Chemotherapy and radiation	499	355	71.1	104	20.8	102	20.4	70	14.0	49	9.8	30	6.0	47	9.4	21	4.2		
		Unknown	108	72	66.7	30	27.8	18	16.7	9	8.3	6	5.6	9	8.3	9	8.3	2	1.9		
Females	All cases		1255	879	70.0	251	20.0	253	20.2	224	17.8	102	8.1	49	3.9	123	9.8	40	3.2		
	Age at baseline	<18	430	293	68.1	79	18.4	98	22.8	71	16.5	33	7.7	12	2.8	29	6.7	9	2.1		
		18-19	179	115	64.2	34	19.0	36	20.1	34	19.0	11	6.1	.	.	14	7.8	5	2.8		
		20-24	384	276	71.9	87	22.7	77	20.1	69	18.0	27	7.0	16	4.2	40	10.4	9	2.3		
		25-29	208	154	74.0	39	18.8	35	16.8	39	18.8	26	12.5	15	7.2	33	15.9	14	6.7		
		30-34	44	31	70.5	9	20.5	5	11.4	10	22.7	4	9.1	3	6.8	4	9.1	1	2.3		
		35+	10	10	100.0	3	30.0	2	20.0	1	10.0	1	10.0	3	30.0	3	30.0	2	20.0		
	Years since diagnosis	5-9	98	67	68.4	13	13.3	19	19.4	19	19.4	11	11.2	5	5.1	10	10.2	5	5.1		
		10-14	406	278	68.5	83	20.4	88	21.7	73	18.0	26	6.4	8	2.0	28	6.9	6	1.5		
		15-19	424	290	68.4	87	20.5	87	20.5	71	16.7	31	7.3	14	3.3	38	9.0	16	3.8		
		20+	327	244	74.6	68	20.8	59	18.0	61	18.7	34	10.4	22	6.7	47	14.4	13	4.0		
	Age at diagnosis	<1	162	110	67.9	33	20.4	38	23.5	24	14.8	12	7.4	3	1.9	15	9.3	4	2.5		
		1-4	767	525	68.4	147	19.2	159	20.7	129	16.8	58	7.6	32	4.2	64	8.3	19	2.5		
		5-9	275	202	73.5	57	20.7	50	18.2	63	22.9	24	8.7	8	2.9	35	12.7	12	4.4		
		10-14	37	30	81.1	11	29.7	5	13.5	4	10.8	6	16.2	4	10.8	7	18.9	4	10.8		
		15-20	14	12	85.7	3	21.4	1	7.1	4	28.6	2	14.3	2	14.3	2	14.3	1	7.1		
	Treatment	Surgery only	16	12	75.0	9	56.3	1	6.3	2	12.5	.	.	.	.	1	6.3	.	.
		Chemotherapy, no radiation	474	295	62.2	111	23.4	105	22.2	48	10.1	27	5.7	4	0.8	19	4.0	9	1.9		
		Radiation, no chemotherapy	4	3	75.0	.	.	1	25.0	1	25.0	1	25.0	.	.	1	25.0	.	.		
		Chemotherapy and radiation	655	500	76.3	112	17.1	132	20.2	149	22.7	70	10.7	37	5.6	91	13.9	29	4.4		
		Unknown	106	69	65.1	19	17.9	14	13.2	24	22.6	4	3.8	8	7.5	11	10.4	2	1.9		

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				Maximum Grade															
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
				All cases		N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	All cases		1947	1455	74.7	440	22.6	372	19.1	382	19.6	193	9.9	68	3.5	230	11.8	88	4.5
	Age at baseline	<18	957	700	73.1	205	21.4	200	20.9	177	18.5	90	9.4	28	2.9	100	10.4	34	3.6
		18-19	236	165	69.9	59	25.0	43	18.2	38	16.1	18	7.6	7	3.0	19	8.1	7	3.0
		20-24	540	411	76.1	133	24.6	85	15.7	112	20.7	61	11.3	20	3.7	77	14.3	34	6.3
		25-29	170	142	83.5	34	20.0	37	21.8	42	24.7	19	11.2	10	5.9	28	16.5	9	5.3
		30-34	36	30	83.3	7	19.4	7	19.4	11	30.6	3	8.3	2	5.6	4	11.1	3	8.3
		35+	8	7	87.5	2	25.0	.	.	2	25.0	2	25.0	1	12.5	2	25.0	1	12.5
	Years since diagnosis	5-9	160	128	80.0	29	18.1	24	15.0	37	23.1	31	19.4	7	4.4	22	13.8	6	3.8
		10-14	609	448	73.6	139	22.8	128	21.0	116	19.0	44	7.2	21	3.4	62	10.2	24	3.9
		15-19	640	453	70.8	144	22.5	130	20.3	110	17.2	52	8.1	17	2.7	65	10.2	24	3.8
		20+	538	426	79.2	128	23.8	90	16.7	119	22.1	66	12.3	23	4.3	81	15.1	34	6.3
	Age at diagnosis	<1	989	688	69.6	240	24.3	194	19.6	158	16.0	80	8.1	16	1.6	91	9.2	28	2.8
		1-4	760	610	80.3	154	20.3	142	18.7	178	23.4	91	12.0	45	5.9	118	15.5	52	6.8
		5-9	149	120	80.5	36	24.2	28	18.8	34	22.8	17	11.4	5	3.4	15	10.1	6	4.0
		10-14	30	19	63.3	5	16.7	4	13.3	6	20.0	3	10.0	1	3.3	4	13.3	1	3.3
		15-20	19	18	94.7	5	26.3	4	21.1	6	31.6	2	10.5	1	5.3	2	10.5	1	5.3
	Treatment	Surgery only	545	331	60.7	145	26.6	102	18.7	59	10.8	20	3.7	5	0.9	19	3.5	7	1.3
		Chemotherapy, no radiation	559	407	72.8	137	24.5	115	20.6	95	17.0	52	9.3	8	1.4	48	8.6	16	2.9
		Radiation, no chemotherapy	139	117	84.2	42	30.2	23	16.5	25	18.0	19	13.7	8	5.8	26	18.7	10	7.2
		Chemotherapy and radiation	531	481	90.6	77	14.5	93	17.5	179	33.7	95	17.9	37	7.0	128	24.1	53	10.0
		Unknown	173	119	68.8	39	22.5	39	22.5	24	13.9	7	4.0	10	5.8	9	5.2	2	1.2
Males	All cases		950	696	73.3	219	23.1	186	19.6	178	18.7	82	8.6	31	3.3	92	9.7	29	3.1
	Age at baseline	<18	479	343	71.6	110	23.0	97	20.3	87	18.2	33	6.9	16	3.3	39	8.1	8	1.7
		18-19	104	71	68.3	18	17.3	20	19.2	20	19.2	10	9.6	3	2.9	10	9.6	3	2.9
		20-24	272	200	73.5	67	24.6	47	17.3	52	19.1	28	10.3	6	2.2	30	11.0	12	4.4
		25-29	78	66	84.6	21	26.9	19	24.4	15	19.2	7	9.0	4	5.1	10	12.8	3	3.8
		30-34	14	13	92.9	3	21.4	3	21.4	3	21.4	2	14.3	2	14.3	2	14.3	2	14.3
		35+	3	3	100.0	.	.	.	.	1	33.3	2	66.7	.	.	1	33.3	1	33.3
	Years since diagnosis	5-9	76	57	75.0	16	21.1	9	11.8	17	22.4	10	13.2	5	6.6	10	13.2	1	1.3
		10-14	303	220	72.6	69	22.8	65	21.5	54	17.8	22	7.3	10	3.3	23	7.6	6	2.0
		15-19	308	215	69.8	67	21.8	66	21.4	55	17.9	19	6.2	8	2.6	28	9.1	9	2.9
		20+	263	204	77.6	67	25.5	46	17.5	52	19.8	31	11.8	8	3.0	31	11.8	13	4.9
	Age at diagnosis	<1	514	346	67.3	123	23.9	96	18.7	86	16.7	33	6.4	8	1.6	38	7.4	6	1.2
		1-4	343	276	80.5	76	22.2	69	20.1	73	21.3	39	11.4	19	5.5	45	13.1	19	5.5
		5-9	74	59	79.7	16	21.6	17	23.0	16	21.6	6	8.1	4	5.4	6	8.1	2	2.7
		10-14	13	9	69.2	3	23.1	2	15.4	2	15.4	2	15.4	.	.	2	15.4	1	7.7
		15-20	6	6	100.0	1	16.7	2	33.3	1	16.7	2	33.3	.	.	1	16.7	1	16.7
	Treatment	Surgery only	261	154	59.0	68	26.1	46	17.6	29	11.1	9	3.4	2	0.8	9	3.4	3	1.1
		Chemotherapy, no radiation	277	196	70.8	68	24.5	61	22.0	48	17.3	17	6.1	2	0.7	17	6.1	3	1.1

CCSS data from Jan2020 data freeze

Conditions at any time through Followup 6, with scoring per the Common Terminology Criteria for Adverse Events (v4.03)

Denominator for all percentages is all cases.

¹ Fatal does not represent all deaths, only those attributed to specific chronic conditions² Severe, disabling, or fatal conditions (grades 3-5)

n=7 participants with no baseline information are not included

						Maximum Grade													
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		Radiation, no chemotherapy	63	50	79.4	22	34.9	9	14.3	11	17.5	6	9.5	2	3.2	9	14.3	2	3.2
		Chemotherapy and radiation	259	233	90.0	44	17.0	48	18.5	76	29.3	45	17.4	20	7.7	52	20.1	20	7.7
		Unknown	90	63	70.0	17	18.9	22	24.4	14	15.6	5	5.6	5	5.6	5	5.6	1	1.1
Females	All cases		997	759	76.1	221	22.2	186	18.7	204	20.5	111	11.1	37	3.7	138	13.8	59	5.9
	Age at baseline	<18	478	357	74.7	95	19.9	103	21.5	90	18.8	57	11.9	12	2.5	61	12.8	26	5.4
		18-19	132	94	71.2	41	31.1	23	17.4	18	13.6	8	6.1	4	3.0	9	6.8	4	3.0
		20-24	268	211	78.7	66	24.6	38	14.2	60	22.4	33	12.3	14	5.2	47	17.5	22	8.2
		25-29	92	76	82.6	13	14.1	18	19.6	27	29.3	12	13.0	6	6.5	18	19.6	6	6.5
		30-34	22	17	77.3	4	18.2	4	18.2	8	36.4	1	4.5	.	.	2	9.1	1	4.5
		35+	5	4	80.0	2	40.0	.	.	1	20.0	.	.	1	20.0	1	20.0	.	.
	Years since diagnosis	5-9	84	71	84.5	13	15.5	15	17.9	20	23.8	21	25.0	2	2.4	12	14.3	5	6.0
		10-14	306	228	74.5	70	22.9	63	20.6	62	20.3	22	7.2	11	3.6	39	12.7	18	5.9
		15-19	332	238	71.7	77	23.2	64	19.3	55	16.6	33	9.9	9	2.7	37	11.1	15	4.5
		20+	275	222	80.7	61	22.2	44	16.0	67	24.4	35	12.7	15	5.5	50	18.2	21	7.6
	Age at diagnosis	<1	475	342	72.0	117	24.6	98	20.6	72	15.2	47	9.9	8	1.7	53	11.2	22	4.6
		1-4	417	334	80.1	78	18.7	73	17.5	105	25.2	52	12.5	26	6.2	73	17.5	33	7.9
		5-9	75	61	81.3	20	26.7	11	14.7	18	24.0	11	14.7	1	1.3	9	12.0	4	5.3
		10-14	17	10	58.8	2	11.8	2	11.8	4	23.5	1	5.9	1	5.9	2	11.8	.	.
		15-20	13	12	92.3	4	30.8	2	15.4	5	38.5	.	.	1	7.7	1	7.7	.	.
	Treatment	Surgery only	284	177	62.3	77	27.1	56	19.7	30	10.6	11	3.9	3	1.1	10	3.5	4	1.4
		Chemotherapy, no radiation	282	211	74.8	69	24.5	54	19.1	47	16.7	35	12.4	6	2.1	31	11.0	13	4.6
		Radiation, no chemotherapy	76	67	88.2	20	26.3	14	18.4	14	18.4	13	17.1	6	7.9	17	22.4	8	10.5
		Chemotherapy and radiation	272	248	91.2	33	12.1	45	16.5	103	37.9	50	18.4	17	6.3	76	27.9	33	12.1
		Unknown	83	56	67.5	22	26.5	17	20.5	10	12.0	2	2.4	5	6.0	4	4.8	1	1.2

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Denominator for all percentages is all cases.

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² Severe, disabling, or fatal conditions (grades 3-5)

n=7 participants with no baseline information are not included

						Maximum Grade													
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
				All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
Both sexes	All cases		1756	1421	80.9	267	15.2	309	17.6	516	29.4	189	10.8	140	8.0	322	18.3	123	7.0
	Age at baseline	<18	341	264	77.4	51	15.0	64	18.8	93	27.3	25	7.3	31	9.1	56	16.4	20	5.9
		18-19	125	101	80.8	18	14.4	19	15.2	38	30.4	19	15.2	7	5.6	28	22.4	10	8.0
		20-24	425	328	77.2	76	17.9	64	15.1	121	28.5	38	8.9	29	6.8	58	13.6	18	4.2
		25-29	392	336	85.7	57	14.5	73	18.6	131	33.4	48	12.2	27	6.9	89	22.7	36	9.2
		30-34	297	244	82.2	51	17.2	50	16.8	81	27.3	36	12.1	26	8.8	53	17.8	21	7.1
		35+	176	148	84.1	14	8.0	39	22.2	52	29.5	23	13.1	20	11.4	38	21.6	18	10.2
	Years since diagnosis	5-9	182	144	79.1	30	16.5	33	18.1	47	25.8	19	10.4	15	8.2	24	13.2	4	2.2
		10-14	521	416	79.8	85	16.3	93	17.9	145	27.8	54	10.4	39	7.5	90	17.3	35	6.7
		15-19	540	421	78.0	77	14.3	106	19.6	149	27.6	48	8.9	41	7.6	83	15.4	31	5.7
		20+	513	440	85.8	75	14.6	77	15.0	175	34.1	68	13.3	45	8.8	125	24.4	53	10.3
	Age at diagnosis	<1	124	89	71.8	28	22.6	19	15.3	26	21.0	9	7.3	7	5.6	12	9.7	3	2.4
		1-4	560	450	80.4	80	14.3	92	16.4	176	31.4	55	9.8	47	8.4	106	18.9	48	8.6
		5-9	397	334	84.1	64	16.1	62	15.6	133	33.5	50	12.6	25	6.3	95	23.9	26	6.5
		10-14	346	285	82.4	48	13.9	65	18.8	108	31.2	34	9.8	30	8.7	60	17.3	22	6.4
		15-20	329	263	79.9	47	14.3	71	21.6	73	22.2	41	12.5	31	9.4	49	14.9	24	7.3
	Treatment	Surgery only	171	142	83.0	40	23.4	32	18.7	39	22.8	24	14.0	7	4.1	20	11.7	7	4.1
		Chemotherapy, no radiation	359	251	69.9	65	18.1	63	17.5	75	20.9	24	6.7	24	6.7	36	10.0	15	4.2
		Radiation, no chemotherapy	63	45	71.4	7	11.1	11	17.5	17	27.0	7	11.1	3	4.8	6	9.5	1	1.6
		Chemotherapy and radiation	971	843	86.8	122	12.6	175	18.0	341	35.1	113	11.6	92	9.5	233	24.0	90	9.3
		Unknown	192	140	72.9	33	17.2	28	14.6	44	22.9	21	10.9	14	7.3	27	14.1	10	5.2
Males	All cases		949	744	78.4	151	15.9	172	18.1	250	26.3	89	9.4	82	8.6	139	14.6	53	5.6
	Age at baseline	<18	192	148	77.1	29	15.1	43	22.4	46	24.0	13	6.8	17	8.9	27	14.1	9	4.7
		18-19	66	52	78.8	7	10.6	8	12.1	19	28.8	13	19.7	5	7.6	15	22.7	8	12.1
		20-24	242	177	73.1	47	19.4	33	13.6	60	24.8	17	7.0	20	8.3	27	11.2	10	4.1
		25-29	207	173	83.6	31	15.0	43	20.8	62	30.0	20	9.7	17	8.2	36	17.4	14	6.8
		30-34	158	124	78.5	29	18.4	25	15.8	40	25.3	17	10.8	13	8.2	22	13.9	7	4.4
		35+	84	70	83.3	8	9.5	20	23.8	23	27.4	9	10.7	10	11.9	12	14.3	5	6.0
	Years since diagnosis	5-9	100	78	78.0	18	18.0	18	18.0	22	22.0	7	7.0	13	13.0	13	13.0	2	2.0
		10-14	288	223	77.4	43	14.9	56	19.4	77	26.7	28	9.7	19	6.6	42	14.6	17	5.9
		15-19	281	202	71.9	44	15.7	50	17.8	65	23.1	20	7.1	23	8.2	32	11.4	13	4.6
		20+	280	241	86.1	46	16.4	48	17.1	86	30.7	34	12.1	27	9.6	52	18.6	21	7.5
	Age at diagnosis	<1	52	34	65.4	11	21.2	12	23.1	8	15.4	2	3.8	1	1.9	3	5.8	.	.
		1-4	330	265	80.3	48	14.5	58	17.6	93	28.2	35	10.6	31	9.4	55	16.7	29	8.8
		5-9	224	176	78.6	42	18.8	31	13.8	64	28.6	22	9.8	17	7.6	40	17.9	8	3.6
		10-14	186	150	80.6	26	14.0	39	21.0	53	28.5	15	8.1	17	9.1	25	13.4	8	4.3
		15-20	157	119	75.8	24	15.3	32	20.4	32	20.4	15	9.6	16	10.2	16	10.2	8	5.1
	Treatment	Surgery only	74	62	83.8	20	27.0	13	17.6	15	20.3	10	13.5	4	5.4	4	5.4	1	1.4
		Chemotherapy, no radiation	211	140	66.4	35	16.6	41	19.4	40	19.0	12	5.7	12	5.7	13	6.2	6	2.8

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						Maximum Grade															
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²			
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%		
		Radiation, no chemotherapy	32	19	59.4	4	12.5	3	9.4	8	25.0	3	9.4	1	3.1	4	12.5	.	.		
		Chemotherapy and radiation	521	444	85.2	71	13.6	98	18.8	165	31.7	54	10.4	56	10.7	103	19.8	42	8.1		
		Unknown	111	79	71.2	21	18.9	17	15.3	22	19.8	10	9.0	9	8.1	15	13.5	4	3.6		
Females	All cases		807	677	83.9	116	14.4	137	17.0	266	33.0	100	12.4	58	7.2	183	22.7	70	8.7		
	Age at baseline	<18	149	116	77.9	22	14.8	21	14.1	47	31.5	12	8.1	14	9.4	29	19.5	11	7.4		
		18-19	59	49	83.1	11	18.6	11	18.6	19	32.2	6	10.2	2	3.4	13	22.0	2	3.4		
		20-24	183	151	82.5	29	15.8	31	16.9	61	33.3	21	11.5	9	4.9	31	16.9	8	4.4		
		25-29	185	163	88.1	26	14.1	30	16.2	69	37.3	28	15.1	10	5.4	53	28.6	22	11.9		
		30-34	139	120	86.3	22	15.8	25	18.0	41	29.5	19	13.7	13	9.4	31	22.3	14	10.1		
		35+	92	78	84.8	6	6.5	19	20.7	29	31.5	14	15.2	10	10.9	26	28.3	13	14.1		
	Years since diagnosis	5-9	82	66	80.5	12	14.6	15	18.3	25	30.5	12	14.6	2	2.4	11	13.4	2	2.4		
		10-14	233	193	82.8	42	18.0	37	15.9	68	29.2	26	11.2	20	8.6	48	20.6	18	7.7		
		15-19	259	219	84.6	33	12.7	56	21.6	84	32.4	28	10.8	18	6.9	51	19.7	18	6.9		
		20+	233	199	85.4	29	12.4	29	12.4	89	38.2	34	14.6	18	7.7	73	31.3	32	13.7		
	Age at diagnosis	<1	72	55	76.4	17	23.6	7	9.7	18	25.0	7	9.7	6	8.3	9	12.5	3	4.2		
		1-4	230	185	80.4	32	13.9	34	14.8	83	36.1	20	8.7	16	7.0	51	22.2	19	8.3		
		5-9	173	158	91.3	22	12.7	31	17.9	69	39.9	28	16.2	8	4.6	55	31.8	18	10.4		
		10-14	160	135	84.4	22	13.8	26	16.3	55	34.4	19	11.9	13	8.1	35	21.9	14	8.8		
		15-20	172	144	83.7	23	13.4	39	22.7	41	23.8	26	15.1	15	8.7	33	19.2	16	9.3		
	Treatment	Surgery only	97	80	82.5	20	20.6	19	19.6	24	24.7	14	14.4	3	3.1	16	16.5	6	6.2		
		Chemotherapy, no radiation	148	111	75.0	30	20.3	22	14.9	35	23.6	12	8.1	12	8.1	23	15.5	9	6.1		
		Radiation, no chemotherapy	31	26	83.9	3	9.7	8	25.8	9	29.0	4	12.9	2	6.5	2	6.5	1	3.2		
		Chemotherapy and radiation	450	399	88.7	51	11.3	77	17.1	176	39.1	59	13.1	36	8.0	130	28.9	48	10.7		
		Unknown	81	61	75.3	12	14.8	11	13.6	22	27.2	11	13.6	5	6.2	12	14.8	6	7.4		

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						Maximum Grade													
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	All cases		2098	1878	89.5	229	10.9	216	10.3	1011	48.2	246	11.7	176	8.4	589	28.1	224	10.7
	Age at baseline	<18	96	79	82.3	17	17.7	8	8.3	32	33.3	12	12.5	10	10.4	24	25.0	6	6.3
		18-19	72	62	86.1	8	11.1	9	12.5	29	40.3	11	15.3	5	6.9	21	29.2	7	9.7
		20-24	388	337	86.9	46	11.9	37	9.5	175	45.1	47	12.1	32	8.2	93	24.0	34	8.8
		25-29	568	507	89.3	68	12.0	58	10.2	265	46.7	77	13.6	39	6.9	153	26.9	54	9.5
		30-34	566	522	92.2	58	10.2	68	12.0	292	51.6	55	9.7	49	8.7	172	30.4	67	11.8
		35+	408	371	90.9	32	7.8	36	8.8	218	53.4	44	10.8	41	10.0	126	30.9	56	13.7
	Years since diagnosis	5-9	241	213	88.4	39	16.2	15	6.2	95	39.4	37	15.4	27	11.2	63	26.1	15	6.2
		10-14	681	592	86.9	86	12.6	73	10.7	306	44.9	74	10.9	53	7.8	181	26.6	63	9.3
		15-19	676	619	91.6	60	8.9	72	10.7	358	53.0	83	12.3	46	6.8	200	29.6	81	12.0
		20+	500	454	90.8	44	8.8	56	11.2	252	50.4	52	10.4	50	10.0	145	29.0	65	13.0
	Age at diagnosis	<1	9	5	55.6	.	.	2	22.2	3	33.3	.	.	.	.	.	.	.	.
		1-4	88	78	88.6	14	15.9	11	12.5	31	35.2	11	12.5	11	12.5	30	34.1	13	14.8
		5-9	371	324	87.3	39	10.5	41	11.1	174	46.9	45	12.1	25	6.7	91	24.5	32	8.6
		10-14	840	745	88.7	84	10.0	86	10.2	422	50.2	94	11.2	59	7.0	224	26.7	94	11.2
		15-20	790	726	91.9	92	11.6	76	9.6	381	48.2	96	12.2	81	10.3	244	30.9	85	10.8
	Treatment	Surgery only	119	97	81.5	18	15.1	12	10.1	54	45.4	6	5.0	7	5.9	22	18.5	7	5.9
		Chemotherapy, no radiation	1189	1080	90.8	98	8.2	100	8.4	667	56.1	142	11.9	73	6.1	353	29.7	132	11.1
		Radiation, no chemotherapy	17	15	88.2	2	11.8	1	5.9	8	47.1	2	11.8	2	11.8	4	23.5	2	11.8
		Chemotherapy and radiation	580	511	88.1	95	16.4	89	15.3	185	31.9	78	13.4	64	11.0	153	26.4	62	10.7
		Unknown	193	175	90.7	16	8.3	14	7.3	97	50.3	18	9.3	30	15.5	57	29.5	21	10.9
Males	All cases		1084	961	88.7	120	11.1	112	10.3	526	48.5	108	10.0	95	8.8	278	25.6	96	8.9
	Age at baseline	<18	48	43	89.6	9	18.8	3	6.3	22	45.8	5	10.4	4	8.3	13	27.1	2	4.2
		18-19	36	28	77.8	5	13.9	7	19.4	8	22.2	5	13.9	3	8.3	7	19.4	2	5.6
		20-24	193	169	87.6	22	11.4	20	10.4	83	43.0	26	13.5	18	9.3	43	22.3	18	9.3
		25-29	299	257	86.0	35	11.7	26	8.7	141	47.2	33	11.0	22	7.4	76	25.4	20	6.7
		30-34	283	256	90.5	29	10.2	34	12.0	150	53.0	20	7.1	23	8.1	75	26.5	28	9.9
		35+	225	208	92.4	20	8.9	22	9.8	122	54.2	19	8.4	25	11.1	64	28.4	26	11.6
	Years since diagnosis	5-9	132	119	90.2	21	15.9	11	8.3	56	42.4	20	15.2	11	8.3	32	24.2	4	3.0
		10-14	349	292	83.7	44	12.6	32	9.2	151	43.3	33	9.5	32	9.2	91	26.1	29	8.3
		15-19	347	319	91.9	33	9.5	37	10.7	184	53.0	39	11.2	26	7.5	89	25.6	39	11.2
		20+	256	231	90.2	22	8.6	32	12.5	135	52.7	16	6.3	26	10.2	66	25.8	24	9.4
	Age at diagnosis	<1	4	3	75.0	.	.	1	25.0	2	50.0	.	.	.	.	.	.	.	.
		1-4	47	42	89.4	10	21.3	6	12.8	16	34.0	4	8.5	6	12.8	13	27.7	3	6.4
		5-9	190	168	88.4	21	11.1	20	10.5	90	47.4	23	12.1	14	7.4	43	22.6	14	7.4
		10-14	401	344	85.8	36	9.0	45	11.2	201	50.1	35	8.7	27	6.7	93	23.2	37	9.2
		15-20	442	404	91.4	53	12.0	40	9.0	217	49.1	46	10.4	48	10.9	129	29.2	42	9.5
	Treatment	Surgery only	48	37	77.1	4	8.3	3	6.3	24	50.0	1	2.1	5	10.4	9	18.8	3	6.3
		Chemotherapy, no radiation	611	548	89.7	53	8.7	57	9.3	339	55.5	57	9.3	42	6.9	157	25.7	55	9.0

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Denominator for all percentages is all cases.

¹ Fatal does not represent all deaths, only those attributed to specific chronic conditions² Severe, disabling, or fatal conditions (grades 3-5)

n=7 participants with no baseline information are not included

						Maximum Grade													
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		Radiation, no chemotherapy	9	9	100.0	1	11.1	1	11.1	3	33.3	2	22.2	2	22.2	4	44.4	2	22.2
		Chemotherapy and radiation	296	258	87.2	53	17.9	45	15.2	96	32.4	37	12.5	27	9.1	71	24.0	26	8.8
		Unknown	120	109	90.8	9	7.5	6	5.0	64	53.3	11	9.2	19	15.8	37	30.8	10	8.3
Females	All cases		1014	917	90.4	109	10.7	104	10.3	485	47.8	138	13.6	81	8.0	311	30.7	128	12.6
	Age at baseline	<18	48	36	75.0	8	16.7	5	10.4	10	20.8	7	14.6	6	12.5	11	22.9	4	8.3
		18-19	36	34	94.4	3	8.3	2	5.6	21	58.3	6	16.7	2	5.6	14	38.9	5	13.9
		20-24	195	168	86.2	24	12.3	17	8.7	92	47.2	21	10.8	14	7.2	50	25.6	16	8.2
		25-29	269	250	92.9	33	12.3	32	11.9	124	46.1	44	16.4	17	6.3	77	28.6	34	12.6
		30-34	283	266	94.0	29	10.2	34	12.0	142	50.2	35	12.4	26	9.2	97	34.3	39	13.8
		35+	183	163	89.1	12	6.6	14	7.7	96	52.5	25	13.7	16	8.7	62	33.9	30	16.4
	Years since diagnosis	5-9	109	94	86.2	18	16.5	4	3.7	39	35.8	17	15.6	16	14.7	31	28.4	11	10.1
		10-14	332	300	90.4	42	12.7	41	12.3	155	46.7	41	12.3	21	6.3	90	27.1	34	10.2
		15-19	329	300	91.2	27	8.2	35	10.6	174	52.9	44	13.4	20	6.1	111	33.7	42	12.8
		20+	244	223	91.4	22	9.0	24	9.8	117	48.0	36	14.8	24	9.8	79	32.4	41	16.8
	Age at diagnosis	<1	5	2	40.0	.	.	1	20.0	1	20.0	.	.	.	.	.	.	.	.
		1-4	41	36	87.8	4	9.8	5	12.2	15	36.6	7	17.1	5	12.2	17	41.5	10	24.4
		5-9	181	156	86.2	18	9.9	21	11.6	84	46.4	22	12.2	11	6.1	48	26.5	18	9.9
		10-14	439	401	91.3	48	10.9	41	9.3	221	50.3	59	13.4	32	7.3	131	29.8	57	13.0
		15-20	348	322	92.5	39	11.2	36	10.3	164	47.1	50	14.4	33	9.5	115	33.0	43	12.4
	Treatment	Surgery only	71	60	84.5	14	19.7	9	12.7	30	42.3	5	7.0	2	2.8	13	18.3	4	5.6
		Chemotherapy, no radiation	578	532	92.0	45	7.8	43	7.4	328	56.7	85	14.7	31	5.4	196	33.9	77	13.3
		Radiation, no chemotherapy	8	6	75.0	1	12.5	.	.	5	62.5	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	284	253	89.1	42	14.8	44	15.5	89	31.3	41	14.4	37	13.0	82	28.9	36	12.7
		Unknown	73	66	90.4	7	9.6	8	11.0	33	45.2	7	9.6	11	15.1	20	27.4	11	15.1

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Denominator for all percentages is all cases.

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² Severe, disabling, or fatal conditions (grades 3-5)

n=7 participants with no baseline information are not included

						Maximum Grade													
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
				All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
Both sexes	All cases	738	621	84.1	127	17.2	130	17.6	213	28.9	82	11.1	69	9.3	158	21.4	62	8.4	
	Age at baseline	<18	61	45	73.8	13	21.3	8	13.1	11	18.0	6	9.8	7	11.5	11	18.0	2	3.3
		18-19	36	30	83.3	5	13.9	5	13.9	10	27.8	5	13.9	5	13.9	13	36.1	4	11.1
		20-24	170	138	81.2	29	17.1	26	15.3	50	29.4	16	9.4	17	10.0	31	18.2	16	9.4
		25-29	204	172	84.3	36	17.6	40	19.6	53	26.0	32	15.7	11	5.4	44	21.6	17	8.3
		30-34	164	144	87.8	27	16.5	36	22.0	52	31.7	15	9.1	14	8.5	36	22.0	14	8.5
		35+	103	92	89.3	17	16.5	15	14.6	37	35.9	8	7.8	15	14.6	23	22.3	9	8.7
	Years since diagnosis	5-9	103	82	79.6	24	23.3	8	7.8	20	19.4	16	15.5	14	13.6	22	21.4	5	4.9
		10-14	247	198	80.2	46	18.6	44	17.8	64	25.9	25	10.1	19	7.7	43	17.4	20	8.1
		15-19	223	194	87.0	31	13.9	45	20.2	79	35.4	24	10.8	15	6.7	57	25.6	20	9.0
		20+	165	147	89.1	26	15.8	33	20.0	50	30.3	17	10.3	21	12.7	36	21.8	17	10.3
	Age at diagnosis	<1	5	2	40.0	.	.	2	40.0	.	.	.	.	.	.	.	.	.	.
		1-4	54	46	85.2	11	20.4	9	16.7	14	25.9	4	7.4	8	14.8	17	31.5	7	13.0
		5-9	185	153	82.7	24	13.0	32	17.3	54	29.2	27	14.6	16	8.6	43	23.2	20	10.8
		10-14	277	226	81.6	46	16.6	52	18.8	81	29.2	22	7.9	25	9.0	47	17.0	19	6.9
		15-20	217	194	89.4	46	21.2	35	16.1	64	29.5	29	13.4	20	9.2	51	23.5	16	7.4
	Treatment	Surgery only	1	1	100.0	1	100.0	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	210	167	79.5	34	16.2	42	20.0	66	31.4	18	8.6	7	3.3	32	15.2	9	4.3
		Radiation, no chemotherapy	2	1	50.0	.	.	.	.	1	50.0	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	461	398	86.3	84	18.2	80	17.4	129	28.0	57	12.4	48	10.4	112	24.3	46	10.0
		Unknown	64	54	84.4	8	12.5	8	12.5	17	26.6	7	10.9	14	21.9	14	21.9	7	10.9
Males	All cases	385	321	83.4	69	17.9	68	17.7	115	29.9	39	10.1	30	7.8	72	18.7	25	6.5	
	Age at baseline	<18	27	22	81.5	6	22.2	3	11.1	8	29.6	3	11.1	2	7.4	5	18.5	1	3.7
		18-19	20	15	75.0	4	20.0	3	15.0	2	10.0	3	15.0	3	15.0	4	20.0	2	10.0
		20-24	87	71	81.6	12	13.8	15	17.2	26	29.9	8	9.2	10	11.5	15	17.2	7	8.0
		25-29	105	83	79.0	19	18.1	18	17.1	30	28.6	13	12.4	3	2.9	19	18.1	4	3.8
		30-34	90	80	88.9	16	17.8	19	21.1	30	33.3	9	10.0	6	6.7	18	20.0	6	6.7
		35+	56	50	89.3	12	21.4	10	17.9	19	33.9	3	5.4	6	10.7	11	19.6	5	8.9
	Years since diagnosis	5-9	55	44	80.0	11	20.0	7	12.7	13	23.6	8	14.5	5	9.1	10	18.2	1	1.8
		10-14	121	92	76.0	23	19.0	18	14.9	28	23.1	14	11.6	9	7.4	21	17.4	10	8.3
		15-19	122	109	89.3	21	17.2	24	19.7	44	36.1	12	9.8	8	6.6	23	18.9	9	7.4
		20+	87	76	87.4	14	16.1	19	21.8	30	34.5	5	5.7	8	9.2	18	20.7	5	5.7
	Age at diagnosis	<1	2	1	50.0	.	.	1	50.0	.	.	.	.	.	.	.	.	.	.
		1-4	29	26	89.7	8	27.6	4	13.8	8	27.6	1	3.4	5	17.2	8	27.6	2	6.9
		5-9	92	78	84.8	12	13.0	15	16.3	31	33.7	12	13.0	8	8.7	16	17.4	7	7.6
		10-14	146	115	78.8	21	14.4	29	19.9	46	31.5	12	8.2	7	4.8	23	15.8	8	5.5
		15-20	116	101	87.1	28	24.1	19	16.4	30	25.9	14	12.1	10	8.6	25	21.6	8	6.9
	Treatment	Chemotherapy, no radiation	111	88	79.3	18	16.2	23	20.7	35	31.5	7	6.3	5	4.5	15	13.5	4	3.6
		Radiation, no chemotherapy	1	1	100.0	1	100.0

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						Maximum Grade													
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		Chemotherapy and radiation	236	201	85.2	46	19.5	42	17.8	66	28.0	29	12.3	18	7.6	50	21.2	19	8.1
		Unknown	37	31	83.8	5	13.5	3	8.1	13	35.1	3	8.1	7	18.9	7	18.9	2	5.4
Females	All cases		353	300	85.0	58	16.4	62	17.6	98	27.8	43	12.2	39	11.0	86	24.4	37	10.5
	Age at baseline	<18	34	23	67.6	7	20.6	5	14.7	3	8.8	3	8.8	5	14.7	6	17.6	1	2.9
		18-19	16	15	93.8	1	6.3	2	12.5	8	50.0	2	12.5	2	12.5	9	56.3	2	12.5
		20-24	83	67	80.7	17	20.5	11	13.3	24	28.9	8	9.6	7	8.4	16	19.3	9	10.8
		25-29	99	89	89.9	17	17.2	22	22.2	23	23.2	19	19.2	8	8.1	25	25.3	13	13.1
		30-34	74	64	86.5	11	14.9	17	23.0	22	29.7	6	8.1	8	10.8	18	24.3	8	10.8
		35+	47	42	89.4	5	10.6	5	10.6	18	38.3	5	10.6	9	19.1	12	25.5	4	8.5
	Years since diagnosis	5-9	48	38	79.2	13	27.1	1	2.1	7	14.6	8	16.7	9	18.8	12	25.0	4	8.3
		10-14	126	106	84.1	23	18.3	26	20.6	36	28.6	11	8.7	10	7.9	22	17.5	10	7.9
		15-19	101	85	84.2	10	9.9	21	20.8	35	34.7	12	11.9	7	6.9	34	33.7	11	10.9
		20+	78	71	91.0	12	15.4	14	17.9	20	25.6	12	15.4	13	16.7	18	23.1	12	15.4
	Age at diagnosis	<1	3	1	33.3	.	.	1	33.3	.	.	.	.	.	.	.	.	.	.
		1-4	25	20	80.0	3	12.0	5	20.0	6	24.0	3	12.0	3	12.0	9	36.0	5	20.0
		5-9	93	75	80.6	12	12.9	17	18.3	23	24.7	15	16.1	8	8.6	27	29.0	13	14.0
		10-14	131	111	84.7	25	19.1	23	17.6	35	26.7	10	7.6	18	13.7	24	18.3	11	8.4
		15-20	101	93	92.1	18	17.8	16	15.8	34	33.7	15	14.9	10	9.9	26	25.7	8	7.9
	Treatment	Surgery only	1	1	100.0	1	100.0	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy, no radiation	99	79	79.8	16	16.2	19	19.2	31	31.3	11	11.1	2	2.0	17	17.2	5	5.1
		Radiation, no chemotherapy	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	225	197	87.6	38	16.9	38	16.9	63	28.0	28	12.4	30	13.3	62	27.6	27	12.0
		Unknown	27	23	85.2	3	11.1	5	18.5	4	14.8	4	14.8	7	25.9	7	25.9	5	18.5

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						Maximum Grade													
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Both sexes	All cases		1257	1168	92.9	78	6.2	65	5.2	772	61.4	152	12.1	101	8.0	420	33.4	158	12.6
	Age at baseline	<18	29	29	100.0	4	13.8	.	.	18	62.1	5	17.2	2	6.9	11	37.9	3	10.3
		18-19	30	27	90.0	1	3.3	2	6.7	18	60.0	6	20.0	.	.	8	26.7	3	10.0
		20-24	198	184	92.9	12	6.1	11	5.6	120	60.6	28	14.1	13	6.6	61	30.8	18	9.1
		25-29	344	319	92.7	27	7.8	15	4.4	209	60.8	42	12.2	26	7.6	105	30.5	35	10.2
		30-34	373	350	93.8	24	6.4	22	5.9	233	62.5	37	9.9	34	9.1	133	35.7	53	14.2
		35+	283	259	91.5	10	3.5	15	5.3	174	61.5	34	12.0	26	9.2	102	36.0	46	16.3
	Years since diagnosis	5-9	131	125	95.4	15	11.5	6	4.6	75	57.3	19	14.5	10	7.6	40	30.5	10	7.6
		10-14	397	364	91.7	32	8.1	21	5.3	231	58.2	47	11.8	33	8.3	133	33.5	42	10.6
		15-19	422	396	93.8	19	4.5	23	5.5	270	64.0	55	13.0	29	6.9	140	33.2	59	14.0
		20+	307	283	92.2	12	3.9	15	4.9	196	63.8	31	10.1	29	9.4	107	34.9	47	15.3
	Age at diagnosis	1-4	25	23	92.0	1	4.0	1	4.0	15	60.0	4	16.0	2	8.0	10	40.0	5	20.0
		5-9	168	158	94.0	10	6.0	7	4.2	116	69.0	17	10.1	8	4.8	47	28.0	11	6.5
		10-14	533	493	92.5	29	5.4	28	5.3	335	62.9	69	12.9	32	6.0	174	32.6	74	13.9
		15-20	531	494	93.0	38	7.2	29	5.5	306	57.6	62	11.7	59	11.1	189	35.6	68	12.8
	Treatment	Surgery only	86	71	82.6	9	10.5	4	4.7	47	54.7	5	5.8	6	7.0	19	22.1	5	5.8
		Chemotherapy, no radiation	955	891	93.3	58	6.1	53	5.5	597	62.5	120	12.6	63	6.6	319	33.4	122	12.8
		Radiation, no chemotherapy	10	10	100.0	1	10.0	.	.	6	60.0	1	10.0	2	20.0	3	30.0	2	20.0
		Chemotherapy and radiation	83	79	95.2	3	3.6	3	3.6	42	50.6	16	19.3	15	18.1	37	44.6	15	18.1
		Unknown	123	117	95.1	7	5.7	5	4.1	80	65.0	10	8.1	15	12.2	42	34.1	14	11.4
Males	All cases		647	596	92.1	38	5.9	34	5.3	398	61.5	65	10.0	61	9.4	200	30.9	69	10.7
	Age at baseline	<18	20	20	100.0	3	15.0	.	.	13	65.0	2	10.0	2	10.0	8	40.0	1	5.0
		18-19	12	10	83.3	.	.	2	16.7	6	50.0	2	16.7	.	.	3	25.0	.	.
		20-24	95	89	93.7	6	6.3	5	5.3	54	56.8	17	17.9	7	7.4	27	28.4	11	11.6
		25-29	183	166	90.7	14	7.7	6	3.3	110	60.1	19	10.4	17	9.3	55	30.1	15	8.2
		30-34	178	162	91.0	9	5.1	11	6.2	116	65.2	10	5.6	16	9.0	55	30.9	22	12.4
		35+	159	149	93.7	6	3.8	10	6.3	99	62.3	15	9.4	19	11.9	52	32.7	20	12.6
	Years since diagnosis	5-9	74	72	97.3	10	13.5	3	4.1	43	58.1	12	16.2	4	5.4	21	28.4	3	4.1
		10-14	209	186	89.0	16	7.7	10	4.8	118	56.5	19	9.1	23	11.0	68	32.5	19	9.1
		15-19	210	196	93.3	7	3.3	12	5.7	135	64.3	26	12.4	16	7.6	65	31.0	29	13.8
		20+	154	142	92.2	5	3.2	9	5.8	102	66.2	8	5.2	18	11.7	46	29.9	18	11.7
	Age at diagnosis	1-4	14	12	85.7	1	7.1	1	7.1	8	57.1	1	7.1	1	7.1	4	28.6	1	7.1
		5-9	84	79	94.0	4	4.8	3	3.6	56	66.7	11	13.1	5	6.0	26	31.0	6	7.1
		10-14	245	221	90.2	12	4.9	13	5.3	155	63.3	23	9.4	18	7.3	69	28.2	29	11.8
		15-20	304	284	93.4	21	6.9	17	5.6	179	58.9	30	9.9	37	12.2	101	33.2	33	10.9
	Treatment	Surgery only	30	23	76.7	.	.	1	3.3	18	60.0	.	.	4	13.3	6	20.0	1	3.3
		Chemotherapy, no radiation	488	450	92.2	31	6.4	31	6.4	304	62.3	49	10.0	35	7.2	142	29.1	51	10.5
		Radiation, no chemotherapy	6	6	100.0	1	16.7	.	.	2	33.3	1	16.7	2	33.3	3	50.0	2	33.3
		Chemotherapy and radiation	44	42	95.5	3	6.8	.	.	23	52.3	7	15.9	9	20.5	20	45.5	7	15.9

CCSS data from Jan2020 data freeze

Conditions at any time through Followup 6, with scoring per the Common Terminology Criteria for Adverse Events (v4.03)

Denominator for all percentages is all cases.

¹ Fatal does not represent all deaths, only those attributed to specific chronic conditions² Severe, disabling, or fatal conditions (grades 3-5)

n=7 participants with no baseline information are not included

						Maximum Grade													
				Any chronic condition (grade 1-5)		1:Mild		2:Moderate		3:Severe		4:Disabling		5:Fatal ¹		Multiple severe conditions (>=2) ²		Multiple severe conditions (>=3) ²	
			All cases	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
		Unknown	79	75	94.9	3	3.8	2	2.5	51	64.6	8	10.1	11	13.9	29	36.7	8	10.1
Females	All cases		610	572	93.8	40	6.6	31	5.1	374	61.3	87	14.3	40	6.6	220	36.1	89	14.6
	Age at baseline	<18	9	9	100.0	1	11.1	.	.	5	55.6	3	33.3	.	.	3	33.3	2	22.2
		18-19	18	17	94.4	1	5.6	.	.	12	66.7	4	22.2	.	.	5	27.8	3	16.7
		20-24	103	95	92.2	6	5.8	6	5.8	66	64.1	11	10.7	6	5.8	34	33.0	7	6.8
		25-29	161	153	95.0	13	8.1	9	5.6	99	61.5	23	14.3	9	5.6	50	31.1	20	12.4
		30-34	195	188	96.4	15	7.7	11	5.6	117	60.0	27	13.8	18	9.2	78	40.0	31	15.9
		35+	124	110	88.7	4	3.2	5	4.0	75	60.5	19	15.3	7	5.6	50	40.3	26	21.0
	Years since diagnosis	5-9	57	53	93.0	5	8.8	3	5.3	32	56.1	7	12.3	6	10.5	19	33.3	7	12.3
		10-14	188	178	94.7	16	8.5	11	5.9	113	60.1	28	14.9	10	5.3	65	34.6	23	12.2
		15-19	212	200	94.3	12	5.7	11	5.2	135	63.7	29	13.7	13	6.1	75	35.4	30	14.2
		20+	153	141	92.2	7	4.6	6	3.9	94	61.4	23	15.0	11	7.2	61	39.9	29	19.0
	Age at diagnosis	1-4	11	11	100.0	.	.	.	.	7	63.6	3	27.3	1	9.1	6	54.5	4	36.4
		5-9	84	79	94.0	6	7.1	4	4.8	60	71.4	6	7.1	3	3.6	21	25.0	5	6.0
		10-14	288	272	94.4	17	5.9	15	5.2	180	62.5	46	16.0	14	4.9	105	36.5	45	15.6
		15-20	227	210	92.5	17	7.5	12	5.3	127	55.9	32	14.1	22	9.7	88	38.8	35	15.4
	Treatment	Surgery only	56	48	85.7	9	16.1	3	5.4	29	51.8	5	8.9	2	3.6	13	23.2	4	7.1
		Chemotherapy, no radiation	467	441	94.4	27	5.8	22	4.7	293	62.7	71	15.2	28	6.0	177	37.9	71	15.2
		Radiation, no chemotherapy	4	4	100.0	.	.	.	.	4	100.0	.	.	.	.	.	.	.	.
		Chemotherapy and radiation	39	37	94.9	.	.	3	7.7	19	48.7	9	23.1	6	15.4	17	43.6	8	20.5
		Unknown	44	42	95.5	4	9.1	3	6.8	29	65.9	2	4.5	4	9.1	13	29.5	6	13.6

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