



HEALTH MONITORING UNIT

MINISTRY OF HEALTH
OF THE REPUBLIC OF CYPRUS

CYPRUS CANCER REGISTRY

Cyprus Cancer Cases
Breast Cancer
1998-2015

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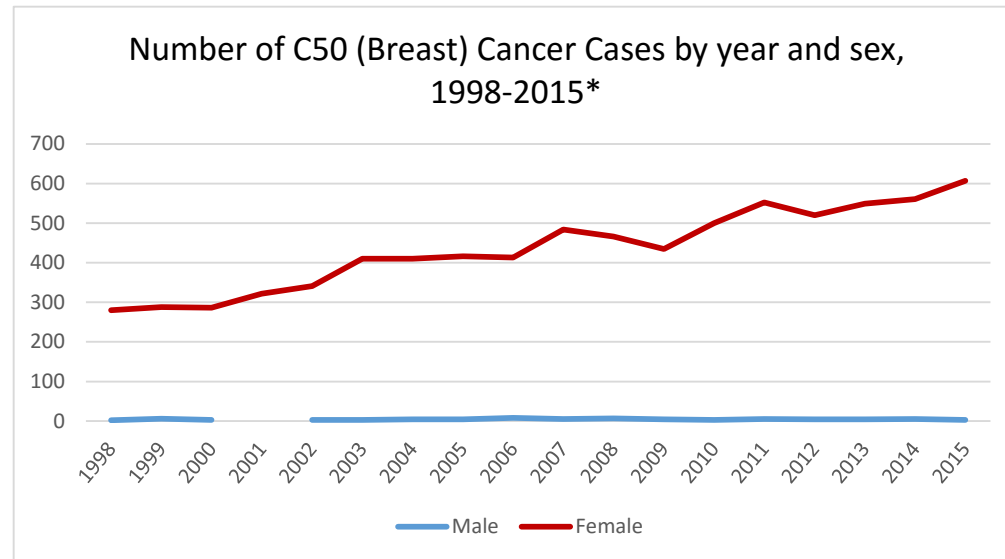
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**Number of C50 (Breast) Cancer Cases by
year and sex, 1998-2015***

	Male	Female	Total
1998	2	280	282
1999	6	288	294
2000	3	286	289
2001		322	322
2002	3	341	344
2003	3	410	413
2004	4	410	414
2005	4	416	420
2006	8	413	421
2007	5	484	489
2008	7	466	473
2009	4	435	439
2010	3	500	503
2011	5	552	557
2012	4	520	524
2013	4	549	553
2014	5	561	566
2015	3	607	610
Total	73	7840	7913



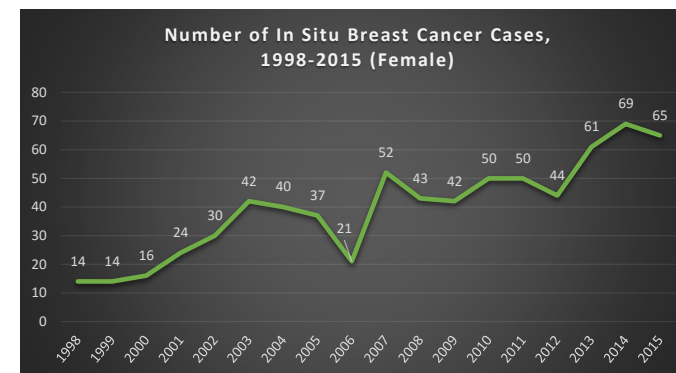
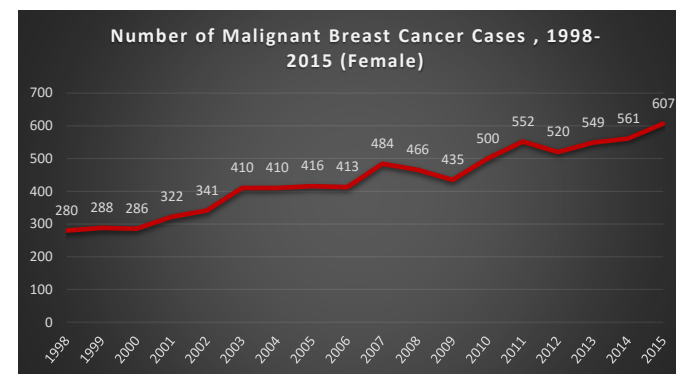
*Excluding In situ cases

Excluding cases of non-residents of the Cyprus Government Controlled Area

Including cases identified by Death Certificates Only

		Number of Female Breast Cancer Cases, by Age Group for Years, 1998-2015*																Total		
		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	
In Situ	D05																			
	25-29							1		2	2			1	1	2			1	1
	30-34					3	1													3
	35-39				3	3		2		1	2	2		1	3	2	4	2	3	1
	40-44	2	4	2	1	6	6	4	10	2	6	4	5	6	1	3	3	5	7	77
	45-49	3	6	1	6	2	5	7	5	3	12	8	6	7	7	4	6	8	8	104
	50-54	2	1	3	4	7	5	4	6	4	5	13	5	9	15	6	13	12	15	129
	55-59	1	1	1	5	4	9	9	8	4	7	6	3	5	7	8	14	6	6	104
	60-64	3	1	3	2	3	6	4	3	2	11	4	10	5	7	8	10	7	8	97
	65-69			1	3	2	5	6	2	2	4	3	6	8	6	5	5	17	10	85
	70-74						2	2			2	3	5	2	1	3	2	4	4	30
	75-79	1	1			1	1				1	1	1	1	1	1	5	4	1	19
	80-84			1		2		2			2	1		2	2				2	14
85+							1										1		3	
Unkn	2												1		1				4	
D05 Total	14	14	16	24	30	42	40	37	21	52	43	42	50	50	44	61	69	65	714	
Malignant	C50																			
	15-19						1													1
	20-24		2			1	1	1			4	2		1	1	3	2	3	5	11
	25-29	2	1	1	3	6	5	1	5	4	2	1	1	1	1	3	2	3	5	47
	30-34	7	10	7	8	6	13	2	7	13	13	9	8	9	11	6	12	14	11	166
	35-39	15	19	13	10	14	16	13	22	15	18	21	21	24	24	23	23	16	31	338
	40-44	29	29	27	28	41	29	41	46	36	40	34	36	39	48	43	37	42	48	673
	45-49	38	34	33	38	51	55	38	57	59	57	54	58	62	67	55	56	57	65	934
	50-54	32	39	50	48	48	39	51	40	35	70	58	57	60	67	64	61	71	68	958
	55-59	35	30	40	35	48	52	67	59	56	56	58	55	65	61	48	72	77	67	981
	60-64	26	26	35	40	40	48	55	41	62	59	67	59	69	69	75	69	76	80	996
	65-69	24	30	22	37	22	59	55	49	39	49	47	46	50	67	65	74	75	78	888
	70-74	30	31	16	33	26	34	38	34	39	42	44	35	46	43	51	53	42	59	696
75-79	25	15	18	20	18	23	19	24	25	36	32	26	31	40	28	43	40	49	512	
80-84	6	14	11	11	12	19	20	14	13	19	19	13	26	29	35	26	30	31	348	
85+	9	7	12	6	6	14	6	15	15	17	19	19	18	23	21	19	16	15	257	
Unkn	2	1	1	5	2	3	3	2	2	1	1		2	3	2	2			34	
C50 Total	280	288	286	322	341	410	410	413	466	435	500	552	520	549	561	607	607	607	7840	
Total	294	302	302	346	371	452	450	453	434	536	509	477	550	602	564	610	630	672	8554	

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Number of C50 (Breast) Cancer Cases by histology, 1998-2015																			
Histology	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Duct carcinoma, NOS	217	234	217	230	245	280	276	310	294	355	382	340	376	444	415	428	446	510	5999
Lobular carcinoma, NOS	12	24	19	28	33	51	47	48	52	45	46	55	59	52	63	67	63	60	824
Neoplasm, malignant	11	9	10	28	23	29	32	20	27	27	19	12	29	30	17	19	20	11	373
Infiltrating duct and lobular carcinoma	8	2	9	8	9	7	24	7	18	12	5	7	8	4	6	5	11	7	157
Mucinous adenocarcinoma	5	6	3	3	2	8	7	8	6	13	8	4	10	4	9	15	7	12	130
Tubular adenocarcinoma	2	2	10	4	11	13	9	9	6	8	6	6	6	5	2	5	4	3	111
Scirrhous adenocarcinoma	11	11	6	8	6	6		1							1				50
Infiltrating duct mixed with other types of carcinoma				1	3		2	2	5	2		4	4	5	3	5	6	3	45
Adenocarcinoma, NOS	4	1		3	3	6	4	6	1	4	1	1	1	2	1		3		41
Papillary carcinoma, NOS	1		3	1	2	6	4	1	1	1	1	1	1				2		25
Medullary carcinoma, NOS	1		2		3		1	2	1	4		1	1			2	1	1	20
Phyllodes tumor, malignant						2	1	3	2	3		1			1	1	1	3	18
Carcinoma, NOS	2		2	2	1	1	2	1	1		1			1					14
Paget disease and intraductal carcinoma of breast	2			1				2	1				2	3	1	2			14
Paget disease, mammary	1		1		1				1	1	1	2	1	1	1		1		12
Intraductal papillary adenocarcinoma with invasion									1	4	1	1		1		1	1		10
Infiltrating lobular mixed with other types of carcinoma				2	1				1			2	2						8
Inflammatory carcinoma	1			1		2	2			2									8
Cribriform carcinoma, NOS	1		1							1			1			2			6
Metaplastic carcinoma, NOS						1				2	1			1	1				6
Paget disease and infiltrating duct carcinoma of breast		1	2						1	1					1				6
Comedocarcinoma, NOS	1	1	1	1															4
Infiltrating ductular carcinoma		2	2																4
Apocrine adenocarcinoma												1	2			1			4
Intracystic carcinoma, NOS					1					1		1							3
Atypical medullary carcinoma						1	1		1										3
Hemangiosarcoma							1			1	1								3
Mucin-producing adenocarcinoma				1						1									2
Squamous cell carcinoma, NOS														2					2
Fibrosarcoma, NOS			1											1					2
Mixed cell adenocarcinoma									1										1
Papillary squamous cell carcinoma							1												1
Spindle cell carcinoma, NOS	1																		1
Signet ring cell carcinoma														1					1
Papillary adenocarcinoma, NOS	1																		1
Carcinoma, undifferentiated, NOS		1																	1
Adenoid cystic carcinoma										1									1
Granular cell tumor, malignant															1				1
Liposarcoma, NOS															1				1
Total	282	294	289	322	344	413	414	420	421	489	473	439	503	557	524	553	566	610	7913

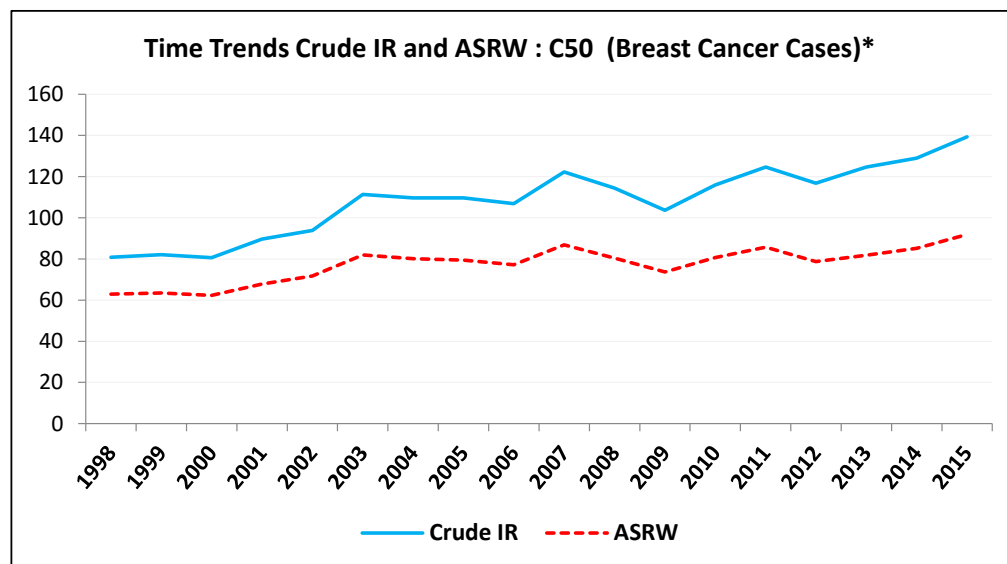
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Time Trends in Crude Incidence Rate (Crude IR) and Age Standardised Incidence Rates (ASRW) for Female Breast Cancer Cases (C50), per 100 000*																		
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Crude IR	80.8	82.1	80.6	89.6	93.8	111.3	109.7	109.6	106.9	122.3	114.5	103.7	116.0	124.6	116.9	124.6	128.9	139.3
ASRW	62.9	63.5	62.3	67.8	71.7	82.0	80.1	79.4	77.1	86.8	80.4	73.6	80.7	85.7	78.7	81.8	85.2	91.9



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DEFINITIONS:

Crude Incidence Rate :A crude (unadjusted) rate is calculated by dividing the number of new cancers observed during a given time period by the corresponding number of persons in the population at risk.The result is usually expressed a rate per 100,000 persons at risk.

ASR (age-standardized rate): An age-standardized rate (ASR) is a summary measure of the rate that a given population would have if it had a standard age structure. Standardization is necessary when comparing several populations that differ with respect to age because age has a powerful influence on the risk of cancer. The ASR is a weighted mean of the age-specific rates; the weights are given by population distribution of a standard population. The most frequently used standard population is the World Standard Population. The calculated incidence rate is then called age-standardized incidence rate (world). It is also expressed per 100,000.