



HEALTH MONITORING UNIT

MINISTRY OF HEALTH
OF THE REPUBLIC OF CYPRUS

CYPRUS CANCER REGISTRY

Cyprus Cancer Cases
Breast Cancer
1998-2014

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**Number of C50 (Breast) Cancer Cases by
year and sex, 1998-2014***

	Male	Female	Total
1998	2	280	282
1999	6	288	294
2000	3	286	289
2001		322	322
2002	3	340	343
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	499	502
2011	5	552	557
2012	4	519	523
2013	4	548	552
2014	5	563	568
Total	70	7231	7301

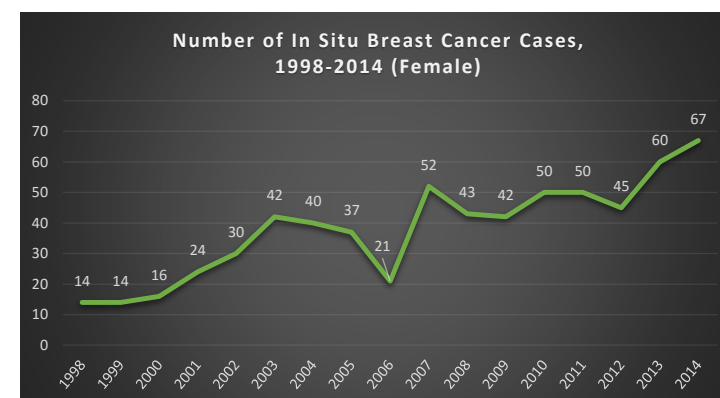
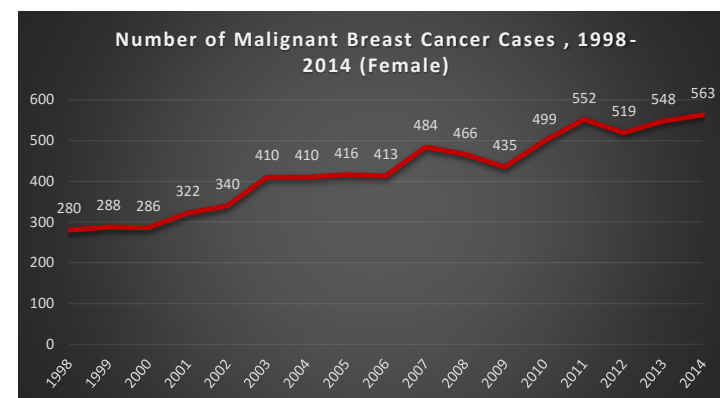
*Excluding In situ cases

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, 1998-2014*															Total		
		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
In Situ	D05																		
	25-29							1											1
	30-34			1		3	1		2	2				1	1	2		1	14
	35-39			3	3		2		1	2	2		1	3	2	4	2	3	28
	40-44	2	4	2	1	6	6	4	10	2	6	4	5	6	1	3	3	5	70
	45-49	3	6	1	6	2	5	7	5	3	12	8	6	7	7	4	6	8	96
	50-54	2	1	3	4	7	5	4	6	4	5	13	5	9	15	6	13	12	114
	55-59	1	1	1	5	4	9	9	8	4	7	6	3	5	7	8	13	6	97
	60-64	3	1	3	2	3	6	4	3	2	11	4	10	5	7	9	10	7	90
	65-69			1	3	2	5	6	2	2	4	3	6	8	6	5	5	15	73
	70-74						2	2			2	3	5	2	1	3	2	4	26
	75-79	1	1			1	1				1	1	1	1	1		5	4	18
	80-84			1		2			2		2	1			2	2		2	14
85+								1									1	2	
Unkn	2												1		1			4	
	D05 Total	14	14	16	24	30	42	40	37	21	52	43	42	50	50	45	60	67	647
Malignant	C50																		
	15-19						1												1
	20-24		2			1	1	1			4	2							11
	25-29	2	1	1	3	6	5	1	5	4	2	1	1	1	1	3	2	3	42
	30-34	7	10	7	8	6	13	2	7	13	13	9	8	9	11	6	12	14	155
	35-39	15	19	13	10	14	16	13	22	15	18	21	21	24	24	23	23	16	307
	40-44	29	29	27	28	41	29	41	46	36	40	34	36	39	48	43	37	42	625
	45-49	38	34	33	38	51	55	38	57	59	57	54	58	62	67	55	56	57	869
	50-54	32	39	50	48	48	39	51	40	35	70	58	57	59	67	64	61	71	889
	55-59	35	30	40	35	47	52	67	59	56	56	58	55	65	61	48	73	77	914
	60-64	26	26	35	40	40	48	55	41	62	59	67	59	69	69	74	69	76	915
	65-69	24	30	22	37	22	59	55	49	39	49	47	46	50	67	65	73	77	811
	70-74	30	31	16	33	26	34	38	34	39	42	44	35	46	43	51	53	42	637
75-79	25	15	18	20	18	23	19	24	25	36	32	26	31	40	28	43	40	463	
80-84	6	14	11	11	12	19	20	14	13	19	19	13	26	29	35	25	30	316	
85+	9	7	12	6	6	14	6	15	15	17	19	19	18	23	21	19	16	242	
Unkn	2	1	1	5	2	2	3	3	2	2	1	1		2	3	2	2	34	
	C50 Total	280	288	286	322	340	410	416	413	484	466	435	499	552	519	548	563	7231	
	Total	294	302	302	346	370	452	450	453	434	536	509	477	549	602	564	608	630	7878

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Number of C50 (Breast) Cancer Cases by histology, 1998-2014																		
Histology	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total
Duct carcinoma, NOS	216	229	215	230	243	278	274	306	289	350	375	337	373	442	410	422	444	5433
Lobular carcinoma, NOS	12	24	19	28	33	51	47	48	52	45	46	55	59	51	63	67	63	763
Neoplasm, malignant	11	9	9	28	22	29	31	20	25	27	19	12	28	29	17	19	20	355
Infiltrating duct and lobular carcinoma	8	2	9	8	9	7	24	7	18	12	5	7	8	4	6	5	11	150
Mucinous adenocarcinoma	5	6	3	3	2	8	7	8	6	13	8	4	10	4	9	15	7	118
Tubular adenocarcinoma	2	2	10	4	11	13	9	9	6	8	6	6	6	5	2	5	4	108
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	42
Adenocarcinoma, NOS	3	1		3	3	6	4	6	1	4	1	1	1	1			2	38
Papillary carcinoma, NOS	1		3	1	2	5	4	1		1	1		1				2	22
Medullary carcinoma, NOS	1		2		3		1	2	1	4		1	1			2	1	19
Phyllodes tumor, malignant						2	1	3	2	3		1			1	1	1	15
Paget disease and intraductal carcinoma of breast	2			1				2	1				2	3	1	2		14
Carcinoma, NOS	2		2	2	1	1	1	1	1		1			1				13
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
Inflammatory carcinoma	1			1		2	2			2								8
Infiltrating lobular mixed with other types of carcinoma				2	1				1			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			2						1	1					1			5
Apocrine adenocarcinoma												1	2			1		4
Comedocarcinoma, NOS	1	1	1	1														4
Infiltrating ductular carcinoma		2	2															4
Hemangiosarcoma							1			1	1							3
Atypical medullary carcinoma						1	1		1									3
Intracystic carcinoma, NOS										1		1						2
Mucin-producing adenocarcinoma				1						1								2
Squamous cell carcinoma, NOS														2				2
Fibrosarcoma, NOS			1											1				2
Spindle cell carcinoma, NOS	1																	1
Signet ring cell carcinoma														1				1
Adenoid cystic carcinoma										1								1
Carcinoma, undifferentiated, NOS		1																1
Solid carcinoma, NOS																1		1
Papillary squamous cell carcinoma							1											1
Papillary adenocarcinoma, NOS	1																	1
Granular cell tumor, malignant															1			1
Mixed cell adenocarcinoma									1									1
Liposarcoma, NOS															1			1
Total	280	288	286	322	340	410	410	416	413	484	466	435	499	552	519	548	563	7231

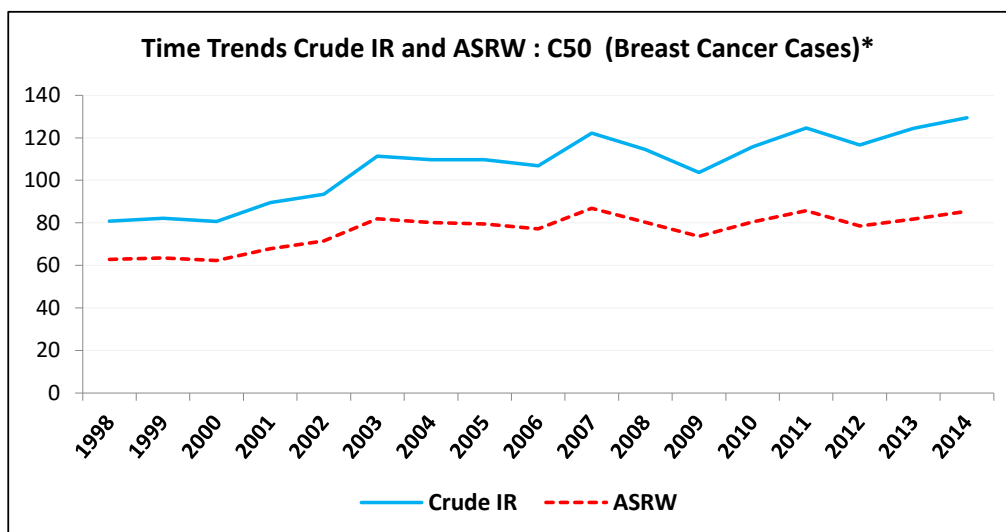
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Time Trends in Crude Incidence Rate (Crude IR) and Age Standardised Incidence Rates (ASRW) for Breast Cancer Cases (C50), per 100 000*																	
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Crude IR	80.8	82.1	80.6	89.6	93.5	111.3	109.7	109.6	106.9	122.3	114.5	103.7	115.8	124.6	116.7	124.4	129.4
ASRW	62.9	63.5	62.3	67.8	71.5	82.0	80.1	79.4	77.1	86.8	80.4	73.6	80.5	85.7	78.5	81.7	85.5



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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.