



2013 Cancer Program Annual Report

*Barnabas Health – Community Medical Center
J. Phillip Citta Regional Cancer Center*

A statistical report of cancer cases seen at Barnabas Health - Community Medical Center (CMC) in 2013. This data is benchmarked against the National Cancer Data Base. Some of the graphical representations include a breakdown of cases by Age, Gender, Race, as well as more site specific data.

Class of Case

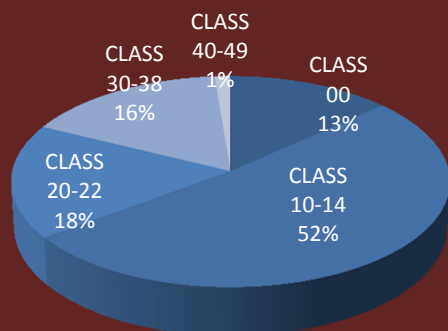


Figure 1

RACE

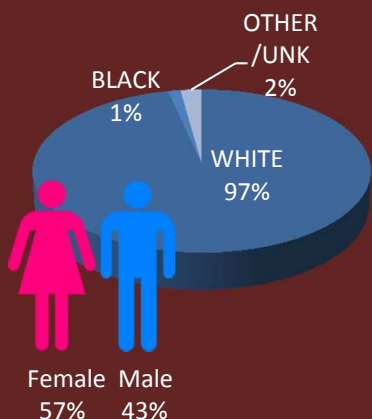


Figure 2

STATISTICAL SUMMARY OF CANCER CASES AT CMC

PATIENT DEMOGRAPHICS

Data from the American Cancer Society's *Facts and Figures for 2013* estimated that there will be over 1,660,290 new cancer cases in 2013, 49,440 will be diagnosed in New Jersey.

In 2013, there were 1631 new cancer cases accessioned at Community Medical Center (CMC).

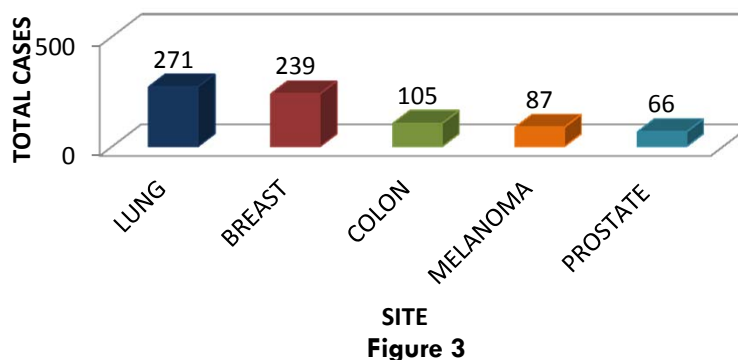
Of the 1631 cases, the non-analytic cases include 268 that were seen for recurrent or progressive disease (Classes 30-38) and 18 cases that were pathology review cases (Class 43). The following statistical report is based on the remaining 1342 analytic cases, of which, 217 were diagnosed at CMC and went elsewhere for treatment (Class 00), 840 were diagnosed and treated at CMC (Classes 10-14) and 285 were diagnosed at another facility and referred to CMC for treatment (Classes 20-22). **Figure 1** represents a breakdown by class of case.

Medicare was the primary insurance coverage for 60% of patients followed by Managed Care at 24% and 2% Medicaid. Gender distribution revealed 57% females and 43% males. Race distribution included: White: 97%, Black: 1%, and other or unspecified race at 2%. **Figure 2** is a representation by gender and race.

SITE DISTRIBUTION

Figure 3 summarizes the top five analytical primary sites for 2013 which include lung, breast, colon, melanoma and prostate.

TOP 5 SITES



SITE
Figure 3

The J. Phillip Citta
Regional Cancer Center
and Infusion Suite



Primary Site	Total All	Sex		Class of Case		Vital Status		Stage Distribution							
		M	F	Analytic	NA	Alive	Exp	Stg 0	Stg I	Stg II	Stg III	Stg IV	88	Unk	
ALL SITES															
ORAL CAVITY & PHARYNX	19 (1.4%)	13	6	19	0	16	3	0	1	3	2	9	1	3	
Tongue	3 (0.2%)	2	1	3	0	3	0	0	0	1	1	1	0	0	
Salivary Glands	3 (0.2%)	2	1	3	0	1	2	0	0	0	0	2	1	0	
Floor of Mouth	3 (0.2%)	2	1	3	0	3	0	0	0	0	1	0	0	2	
Gum & Other Mouth	4 (0.3%)	2	2	4	0	4	0	0	1	0	0	2	0	1	
Nasopharynx	3 (0.2%)	3	0	3	0	2	1	0	0	2	0	1	0	0	
Tonsil	2 (0.1%)	2	0	2	0	2	0	0	0	0	0	2	0	0	
Oropharynx	1 (0.1%)	0	1	1	0	1	0	0	0	0	0	1	0	0	
DIGESTIVE SYSTEM	258 (19.2%)	132	126	258	0	179	79	9	56	59	46	57	5	26	
Esophagus	13 (1.0%)	10	3	13	0	6	7	0	1	3	5	3	0	1	
Stomach	18 (1.3%)	11	7	18	0	12	6	1	5	4	4	3	0	1	
Small Intestine	6 (0.4%)	2	4	6	0	4	2	0	1	1	2	2	0	0	
Colon Excluding Rectum	105 (7.8%)	49	56	105	0	84	21	2	22	33	19	21	0	8	
Cecum	20	8	12	20	0	17	3	1	4	7	3	4	0	1	
Appendix	2	0	2	2	0	2	0	0	0	1	0	0	0	1	
Ascending Colon	34	14	20	34	0	27	7	0	11	16	4	1	0	2	
Hepatic Flexure	6	3	3	6	0	4	2	0	1	0	3	1	0	1	
Transverse Colon	13	6	7	13	0	10	3	0	1	7	1	4	0	0	
Splenic Flexure	2	0	2	2	0	1	1	1	0	0	1	0	0	0	
Descending Colon	7	2	5	7	0	6	1	0	0	0	3	3	0	1	
Sigmoid Colon	12	9	3	12	0	9	3	0	4	1	2	3	0	2	
Large Intestine, NOS	9	7	2	9	0	8	1	0	1	1	2	5	0	0	
Rectum & Rectosigmoid	50 (3.7%)	25	25	50	0	40	10	3	14	8	12	7	0	6	
Rectosigmoid Junction	19	9	10	19	0	15	4	2	6	3	4	3	0	1	
Rectum	31	16	15	31	0	25	6	1	8	5	8	4	0	5	
Anus, Anal Canal & Anorectum	5 (0.4%)	0	5	5	0	5	0	3	1	1	0	0	0	0	
Liver & Intrahepatic Bile Duct	13 (1.0%)	11	2	13	0	7	6	0	8	0	1	0	0	4	
Gallbladder	1 (0.1%)	0	1	1	0	1	0	0	0	0	0	1	0	0	
Other Biliary	4 (0.3%)	3	1	4	0	1	3	0	1	0	0	0	2	1	
Pancreas	39 (2.9%)	18	21	39	0	17	22	0	2	9	3	20	0	5	
Retroperitoneum	1 (0.1%)	1	0	1	0	0	1	0	1	0	0	0	0	0	
Peritoneum, Omentum & Mesentery	1 (0.1%)	1	0	1	0	1	0	0	0	0	0	0	1	0	
Other Digestive Organs	2 (0.1%)	1	1	2	0	1	1	0	0	0	0	0	2	0	
RESPIRATORY SYSTEM	276 (20.6%)	136	140	276	0	155	121	7	88	23	49	96	0	13	
Larynx	8 (0.6%)	8	0	8	0	5	3	0	0	3	2	1	0	2	
Lung & Bronchus	268 (20.0%)	128	140	268	0	150	118	7	88	20	47	95	0	11	
SOFT TISSUE	6 (0.4%)	3	3	6	0	5	1	0	2	0	2	0	2	0	
Soft Tissue (including Heart)	6 (0.4%)	3	3	6	0	5	1	0	2	0	2	0	2	0	
SKIN EXCLUDING BASAL & SQUAMOUS	85 (6.3%)	50	35	85	0	76	9	19	43	11	8	2	0	2	
Melanoma -- Skin	76 (5.7%)	45	31	76	0	71	5	19	40	11	4	2	0	0	
Other Non-Epithelial Skin	9 (0.7%)	5	4	9	0	5	4	0	3	0	4	0	0	2	
BREAST	238 (17.7%)	0	238	238	0	230	8	39	100	57	22	8	1	11	
Breast	238 (17.7%)	0	238	238	0	230	8	39	100	57	22	8	1	11	
FEMALE GENITAL SYSTEM	93 (6.9%)	0	93	93	0	80	13	3	45	8	7	16	1	13	
Cervix Uteri	9 (0.7%)	0	9	9	0	8	1	0	4	1	1	1	0	2	
Corpus & Uterus, NOS	58 (4.3%)	0	58	58	0	53	5	2	37	3	4	6	0	6	
Corpus Uteri	54	0	54	54	0	51	3	2	36	2	4	4	0	6	
Uterus, NOS	4	0	4	4	0	2	2	0	1	1	0	2	0	0	
Ovary	21 (1.6%)	0	21	21	0	15	6	0	3	2	2	9	0	5	
Vagina	1 (0.1%)	0	1	1	0	1	0	0	0	1	0	0	0	0	
Vulva	3 (0.2%)	0	3	3	0	3	0	1	1	1	0	0	0	0	
Other Female Genital Organs	1 (0.1%)	0	1	1	0	0	1	0	0	0	0	0	1	0	
MALE GENITAL SYSTEM	70 (5.2%)	70	0	70	0	67	3	0	15	44	2	4	1	4	
Prostate	66 (4.9%)	66	0	66	0	63	3	0	13	44	2	4	0	3	
Testis	3 (0.2%)	3	0	3	0	3	0	0	2	0	0	0	0	1	
Other Male Genital Organs	1 (0.1%)	1	0	1	0	1	0	0	0	0	0	0	1	0	
URINARY SYSTEM	87 (6.5%)	54	33	87	0	74	13	33	26	9	2	5	1	11	
Urinary Bladder	56 (4.2%)	36	20	56	0	48	8	31	10	7	0	2	1	5	
Kidney & Renal Pelvis	28 (2.1%)	15	13	28	0	23	5	1	16	1	2	3	0	5	
Ureter	3 (0.2%)	3	0	3	0	3	0	1	0	1	0	0	0	1	
BRAIN & OTHER NERVOUS SYSTEM	21 (1.6%)	10	11	21	0	10	11	0	0	0	0	0	21	0	
Brain	13 (1.0%)	8	5	13	0	3	10	0	0	0	0	0	13	0	
Cranial Nerves Other Nervous System	8 (0.6%)	2	6	8	0	7	1	0	0	0	0	0	8	0	
ENDOCRINE SYSTEM	49 (3.7%)	17	32	49	0	48	1	0	21	4	8	1	3	11	
Thyroid	46 (3.4%)	15	31	46	0	45	1	0	21	4	8	1	0	11	
Other Endocrine including Thymus	3 (0.2%)	2	1	3	0	3	0	0	0	0	0	0	3	0	
LYMPHOMA	55 (4.1%)	32	23	55	0	44	11	0	13	13	13	8	0	8	
Hodgkin Lymphoma	6 (0.4%)	3	3	6	0	6	0	0	1	3	1	0	0	1	
Hodgkin - Nodal	5	3	2	5	0	5	0	0	1	2	1	0	0	1	
Hodgkin - Extranodal	1	0	1	1	0	1	0	0	0	1	0	0	0	0	
Non-Hodgkin Lymphoma	49 (3.7%)	29	20	49	0	38	11	0	12	10	12	8	0	7	
NHL - Nodal	31	19	12	31	0	23	8	0	6	7	10	6	0	2	
NHL - Extranodal	18	10	8	18	0	15	3	0	6	3	2	2	0	5	

Table 1

Primary Site	Total All	Sex		Class of Case		Vital Status		Stage Distribution							
		M	F	Analytic	NA	Alive	Exp	Stg 0	Stg I	Stg II	Stg III	Stg IV	88	Unk	
MYELOMA	13 (1.0%)	2	11	13	0	12	1	0	0	0	0	0	0	13	0
Myeloma	13 (1.0%)	2	11	13	0	12	1	0	0	0	0	0	0	13	0
LEUKEMIA	24 (1.8%)	9	15	24	0	14	10	0	0	0	0	0	0	24	0
Lymphocytic Leukemia	8 (0.6%)	3	5	8	0	5	3	0	0	0	0	0	0	8	0
Chronic Lymphocytic Leukemia	7	3	4	7	0	4	3	0	0	0	0	0	0	7	0
Other Lymphocytic Leukemia	1	0	1	1	0	1	0	0	0	0	0	0	0	1	0
Myeloid & Monocytic Leukemia	10 (0.7%)	4	6	10	0	6	4	0	0	0	0	0	0	10	0
Acute Myeloid Leukemia	8	3	5	8	0	6	2	0	0	0	0	0	0	8	0
Chronic Myeloid Leukemia	2	1	1	2	0	0	2	0	0	0	0	0	0	2	0
Other Leukemia	6 (0.4%)	2	4	6	0	3	3	0	0	0	0	0	0	6	0
Other Acute Leukemia	3	2	1	3	0	2	1	0	0	0	0	0	0	3	0
Aleukemic, Subleukemic & NOS	3	0	3	3	0	1	2	0	0	0	0	0	0	3	0
MESOTHELIOMA	5 (0.4%)	3	2	5	0	0	5	0	1	1	0	3	0	0	0
Mesothelioma	5 (0.4%)	3	2	5	0	0	5	0	1	1	0	3	0	0	0
KAPOSI SARCOMA	1 (0.1%)	1	0	1	0	1	0	0	0	0	0	0	1	0	0
Kaposi Sarcoma	1 (0.1%)	1	0	1	0	1	0	0	0	0	0	0	1	0	0
MISCELLANEOUS	42 (3.1%)	16	26	42	0	23	19	0	0	0	0	0	42	0	0
Miscellaneous	42 (3.1%)	16	26	42	0	23	19	0	0	0	0	0	42	0	0

Table 1 (cont.)

Tables 2 & 3 summarize five primary sites for 2013 by gender and compares CMC's actual cases and the estimated figures from the American Cancer Society (ACS).

MALES		
	CMC	ACS
Prostate	17%	27%
Lung	34%	14%
Colon & Rectum	13%	8%
Bladder	9%	7%
Melanoma	13%	5%

Table 2

FEMALES		
	CMC	ACS
Breast	38%	29%
Lung	22%	13%
Colon & Rectum	9%	8%
Uterus	9%	6%
Thyroid	5%	6%

Table 3

Figure 4 depicts age distribution in comparison with the most recent year of completed data from the National Cancer Data Base (NCDB) which is 2012. NCDB data includes cases from 601 Comprehensive Community Cancer Program hospitals. Twenty-nine percent (28%) of patients at CMC were diagnosed between the ages of 70-79 compared to 23% at NCDB.

Age at Diagnosis

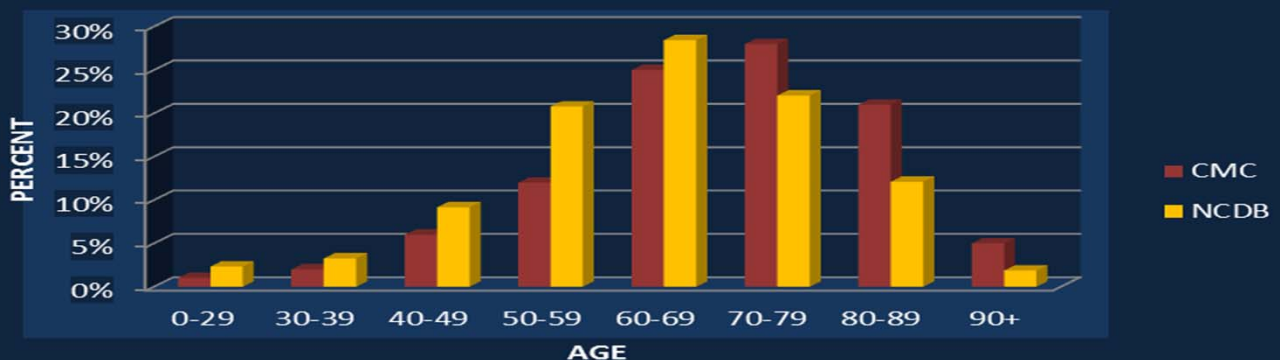


Figure 4

Stage at Diagnosis

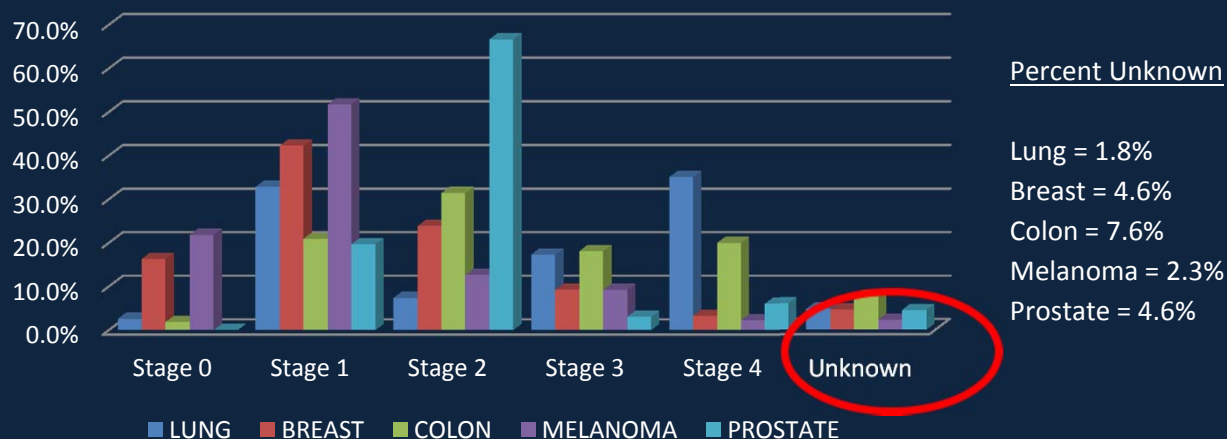


Figure 5

Figure 6 depicts patient's county at diagnosis. Ninety-nine percent (99%) of CMC new patients in 2013 resided in Ocean County. Less than one percent (<1%) resided in other states.

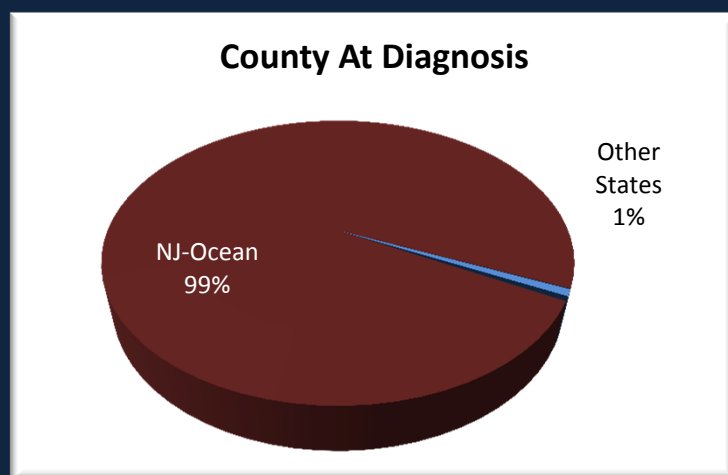


Figure 6

