



2014 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 2014. 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.

STATISTICAL SUMMARY OF CANCER CASES AT CMC

PATIENT DEMOGRAPHICS

Data from the American Cancer Society's: *Facts and Figures for 2015* estimated that there will be over 1,658,370 new cancer cases in 2014; 51,410 will be diagnosed in New Jersey.

In 2014, there were 1580 new cancer cases accessioned at Community Medical Center (CMC).

Of the 1580 cases, the non-analytic cases include 259 that were seen for recurrent or progressive disease (Classes 30-38) and 16 cases that were pathology review cases (Class 43). The following statistical report is based on the remaining 1292 analytic cases, of which, 175 were diagnosed at CMC and went elsewhere for treatment (Class 00), 760 were diagnosed and treated at CMC (Classes 10-14) and 357 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 65% of patients followed by Managed Care at 21% and 3% Medicaid. Gender distribution revealed 57% females and 43% males. Race distribution included: White: 95%, Black: 2%, and other or unspecified race at 3%. **Figure 2** is a representation by gender and race.

SITE DISTRIBUTION

Figure 3 summarizes the top five analytical primary sites for 2014 which include lung, breast, melanoma, prostate and colon.

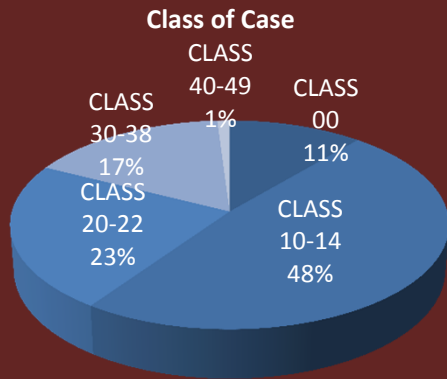
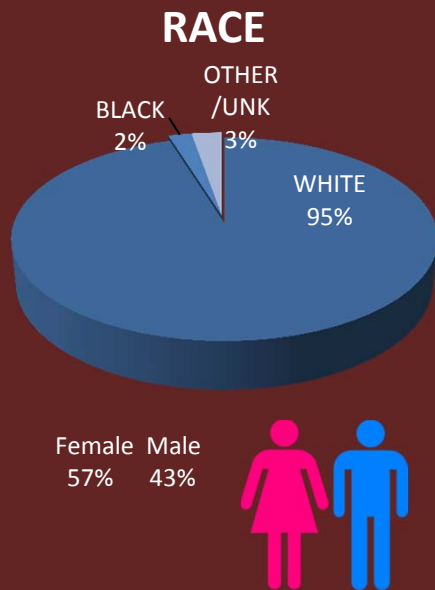


Figure 1



Female 57%
Male 43%



Figure 2

TOP 5 SITES

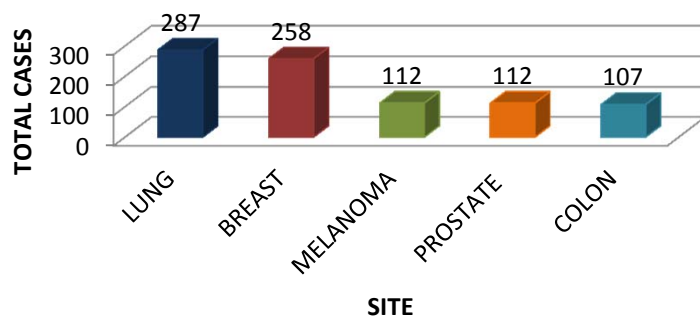


Figure 3

The J. Phillip Citta
Regional Cancer Center
and Infusion Suite



ALL SITES Primary Site	Total (%)	Sex		Class of Case		Vital Status		Stage Distribution - Analytic Cases						
		M	F	Analy	NA	Alive	Exp	Stg 0	Stg I	Stg II	Stg III	Stg IV	#88	Unk
ORAL CAVITY & PHARYNX	24 (1.5%)	18	6	18	6	17	7	0	4	2	4	8	0	0
Lip	1 (0.1%)	0	1	1	0	1	0	0	1	0	0	0	0	0
Tongue	4 (0.3%)	3	1	2	2	3	1	0	0	1	0	1	0	0
Salivary Glands	3 (0.2%)	2	1	1	2	2	1	0	1	0	0	0	0	0
Gum & Other Mouth	4 (0.3%)	2	2	3	1	3	1	0	0	0	0	3	0	0
Tonsil	6 (0.4%)	6	0	5	1	4	2	0	2	1	0	2	0	0
Oropharynx	2 (0.1%)	2	0	2	0	1	1	0	0	0	1	1	0	0
Hypopharynx	4 (0.3%)	3	1	4	0	3	1	0	0	0	3	1	0	0
DIGESTIVE SYSTEM	258 (16.3%)	129	129	216	42	173	85	2	37	44	32	54	8	39
Esophagus	14 (0.9%)	9	5	14	0	10	4	0	1	2	1	7	0	3
Stomach	18 (1.1%)	10	8	16	2	13	5	0	0	6	3	2	0	5
Small Intestine	4 (0.3%)	2	2	4	0	4	0	0	0	1	1	2	0	0
Colon Excluding Rectum	107 (6.8%)	50	57	88	19	72	35	2	19	15	14	26	0	12
Cecum	25	9	16	25	0	18	7	0	8	2	6	8	0	1
Appendix	1	1	0	1	0	1	0	0	0	0	0	0	0	1
Ascending Colon	19	7	12	19	0	13	6	1	5	7	1	2	0	3
Hepatic Flexure	7	2	5	6	1	6	1	0	2	0	3	1	0	0
Transverse Colon	9	7	2	9	0	5	4	1	1	2	1	3	0	1
Splenic Flexure	2	1	1	2	0	2	0	0	0	1	1	0	0	0
Descending Colon	8	6	2	7	1	4	4	0	1	1	1	4	0	0
Sigmoid Colon	13	7	6	12	1	9	4	0	2	2	1	4	0	3
Large Intestine, NOS	23	10	13	7	16	14	9	0	0	0	0	4	0	3
Rectum & Rectosigmoid	44 (2.8%)	24	20	39	5	37	7	0	10	11	7	4	0	7
Rectosigmoid Junction	17	12	5	15	2	13	4	0	3	6	2	2	0	2
Rectum	27	12	15	24	3	24	3	0	7	5	5	2	0	5
Anus, Anal Canal & Anorectum	8 (0.5%)	3	5	8	0	6	2	0	1	4	1	1	0	1
Liver & Intrahepatic Bile Duct	19 (1.2%)	14	5	14	5	6	13	0	3	0	0	2	6	3
Liver	14	11	3	10	4	4	10	0	3	0	0	2	2	3
Intrahepatic Bile Duct	5	3	2	4	1	2	3	0	0	0	0	0	4	0
Gallbladder	5 (0.3%)	2	3	4	1	2	3	0	1	2	1	0	0	0
Other Biliary	2 (0.1%)	1	1	1	1	1	1	0	0	0	0	0	0	1
Pancreas	34 (2.2%)	13	21	25	9	19	15	0	2	3	3	10	0	7
Peritoneum, Omentum & Mesentery	1 (0.1%)	0	1	1	0	1	0	0	0	0	1	0	0	0
Other Digestive Organs	2 (0.1%)	1	1	2	0	2	0	0	0	0	0	0	2	0
RESPIRATORY SYSTEM	300 (19.0%)	142	158	259	41	182	118	1	72	20	57	95	0	14
Nose, Nasal Cavity & Middle Ear	2 (0.1%)	2	0	1	1	0	2	0	0	0	0	1	0	0
Larynx	11 (0.7%)	10	1	9	2	9	2	0	4	3	1	1	0	0
Lung & Bronchus	287 (18.2%)	130	157	249	38	173	114	1	68	17	56	93	0	14
BONES & JOINTS	1 (0.1%)	1	0	0	1	0	1	0	0	0	0	0	0	0
Bones & Joints	1 (0.1%)	1	0	0	1	0	1	0	0	0	0	0	0	0
SOFT TISSUE	12 (0.8%)	2	10	11	1	9	3	0	3	1	2	1	0	4
Soft Tissue (including Heart)	12 (0.8%)	2	10	11	1	9	3	0	3	1	2	1	0	4
SKIN EXCLUDING BASAL & SQUAMOUS	109 (6.9%)	60	49	99	10	103	6	39	35	11	5	1	0	8
Melanoma -- Skin	106 (6.7%)	59	47	99	7	100	6	39	35	11	5	1	0	8
Other Non-Epithelial Skin	3 (0.2%)	1	2	0	3	3	0	0	0	0	0	0	0	0
BREAST	259 (16.4%)	1	258	226	33	241	18	30	94	54	32	8	1	7
Breast	259 (16.4%)	1	258	226	33	241	18	30	94	54	32	8	1	7
FEMALE GENITAL SYSTEM	107 (6.8%)	0	107	97	10	96	11	0	48	3	16	14	0	16
Cervix Uteri	10 (0.6%)	0	10	9	1	9	1	0	2	0	2	1	0	4
Corpus & Uterus, NOS	64 (4.1%)	0	64	61	3	61	3	0	40	1	5	6	0	9
Corpus Uteri	59	0	59	56	3	57	2	0	40	0	4	4	0	8
Uterus, NOS	5	0	5	5	0	4	1	0	0	1	1	2	0	1
Ovary	24 (1.5%)	0	24	20	4	21	3	0	5	1	7	5	0	2
Vagina	1 (0.1%)	0	1	1	0	0	1	0	0	0	1	0	0	0
Vulva	7 (0.4%)	0	7	5	2	4	3	0	1	0	1	2	0	1
Other Female Genital Organs	1 (0.1%)	0	1	1	0	1	0	0	0	1	0	0	0	0
MALE GENITAL SYSTEM	115 (7.3%)	115	0	78	37	103	12	0	19	38	2	11	0	8
Prostate	112 (7.1%)	112	0	75	37	100	12	0	17	38	1	11	0	8
Testis	3 (0.2%)	3	0	3	0	3	0	0	2	0	1	0	0	0
URINARY SYSTEM	131 (8.3%)	92	39	96	35	100	31	33	27	12	6	10	0	8
Urinary Bladder	86 (5.4%)	64	22	68	18	73	13	32	20	9	1	0	0	6
Kidney & Renal Pelvis	41 (2.6%)	25	16	25	16	26	15	1	5	3	4	10	0	2
Ureter	4 (0.3%)	3	1	3	1	1	3	0	2	0	1	0	0	0
EYE & ORBIT	1 (0.1%)	1	0	0	1	0	1	0	0	0	0	0	0	0
Eye & Orbit	1 (0.1%)	1	0	0	1	0	1	0	0	0	0	0	0	0
BRAIN & OTHER NERVOUS SYSTEM	17 (1.1%)	9	8	14	3	7	10	0	0	0	0	0	14	0
Brain	13 (0.8%)	8	5	12	1	4	9	0	0	0	0	0	12	0
Cranial Nerves Other Nervous System	4 (0.3%)	1	3	2	2	3	1	0	0	0	0	0	2	0
ENDOCRINE SYSTEM	44 (2.8%)	11	33	40	4	43	1	0	17	2	8	1	2	10
Thyroid	42 (2.7%)	11	31	38	4	41	1	0	17	2	8	1	0	10
Other Endocrine including Thymus	2 (0.1%)	0	2	2	0	2	0	0	0	0	0	0	2	0
LYMPHOMA	54 (3.4%)	27	27	40	14	48	6	0	9	2	1	14	0	14
Hodgkin Lymphoma	5 (0.3%)	2	3	4	1	5	0	0	0	0	0	1	0	3
Non-Hodgkin Lymphoma	49 (3.1%)	25	24	36	13	43	6	0	9	2	1	13	0	11
NHL - Nodal	35	18	17	24	11	31	4	0	5	1	1	9	0	8
NHL - Extranodal	14	7	7	12	2	12	2	0	4	1	0	4	0	3

Table 1
Community Medical Center - J. Phillip Citta Regional Cancer Center
2014 CANCER PROGRAM ANNUAL REPORT

Primary Site	Total (%)	Sex		Class of Case		Vital Status		Stage Distribution - Analytic Cases						
		M	F	Analy	NA	Alive	Exp	Stg 0	Stg I	Stg II	Stg III	Stg IV	88	Unk
MYELOMA	20 (1.3%)	12	8	10	10	13	7	0	0	0	0	0	10	0
Myeloma	20 (1.3%)	12	8	10	10	13	7	0	0	0	0	0	10	0
LEUKEMIA	55 (3.5%)	33	22	36	19	38	17	0	0	0	0	0	36	0
Lymphocytic Leukemia	27 (1.7%)	17	10	12	15	21	6	0	0	0	0	0	12	0
Acute Lymphocytic Leukemia	2	2	0	1	1	1	1	0	0	0	0	0	1	0
Chronic Lymphocytic Leukemia	24	14	10	10	14	19	5	0	0	0	0	0	10	0
Other Lymphocytic Leukemia	1	1	0	1	0	1	0	0	0	0	0	0	1	0
Myeloid & Monocytic Leukemia	23 (1.5%)	12	11	20	3	14	9	0	0	0	0	0	20	0
Acute Myeloid Leukemia	13	6	7	12	1	8	5	0	0	0	0	0	12	0
Acute Monocytic Leukemia	1	1	0	1	0	1	0	0	0	0	0	0	1	0
Chronic Myeloid Leukemia	8	5	3	6	2	5	3	0	0	0	0	0	6	0
Other Myeloid/Monocytic Leukemia	1	0	1	1	0	0	1	0	0	0	0	0	1	0
Other Leukemia	5 (0.3%)	4	1	4	1	3	2	0	0	0	0	0	4	0
Other Acute Leukemia	4	3	1	3	1	2	2	0	0	0	0	0	3	0
Aleukemic, Subleukemic Leukemia	1	1	0	1	0	1	0	0	0	0	0	0	1	0
MESOTHELIOMA	4 (0.3%)	2	2	4	0	2	2	0	0	0	0	1	0	3
Mesothelioma	4 (0.3%)	2	2	4	0	2	2	0	0	0	0	1	0	3
KAPOSI SARCOMA	1 (0.1%)	1	0	0	1	1	0	0	0	0	0	0	0	0
Kaposi Sarcoma	1 (0.1%)	1	0	0	1	1	0	0	0	0	0	0	0	0
MISCELLANEOUS	68 (4.3%)	29	39	48	20	43	25	0	0	0	0	0	48	0
Miscellaneous	68 (4.3%)	29	39	48	20	43	25	0	0	0	0	0	48	0

Table 1 (cont.)

Tables 2 & 3 summarize five primary sites for 2014 by gender and compares CMC's actual cases and the estimated figures from the American Cancer Society (ACS).

	MALES	
	CMC	ACS
Prostate	16%	27%
Lung	19%	14%
Colon & Rectum	11%	8%
Bladder	9%	7%
Melanoma	9%	5%

Table 2

	FEMALES	
	CMC	ACS
Breast	29%	29%
Lung	18%	13%
Colon & Rectum	9%	8%
Uterus	7%	6%
Thyroid	4%	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 2013. NCDB data includes cases from 600 Comprehensive Community Cancer Program hospitals. Thirty percent (30%) of patients at CMC were diagnosed between the ages of 70-79 compared to 22% at NCDB.

Age at Diagnosis

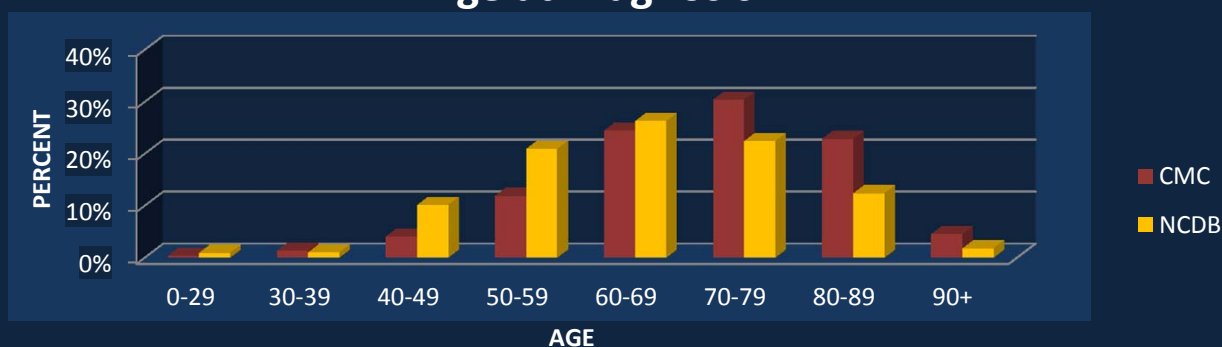
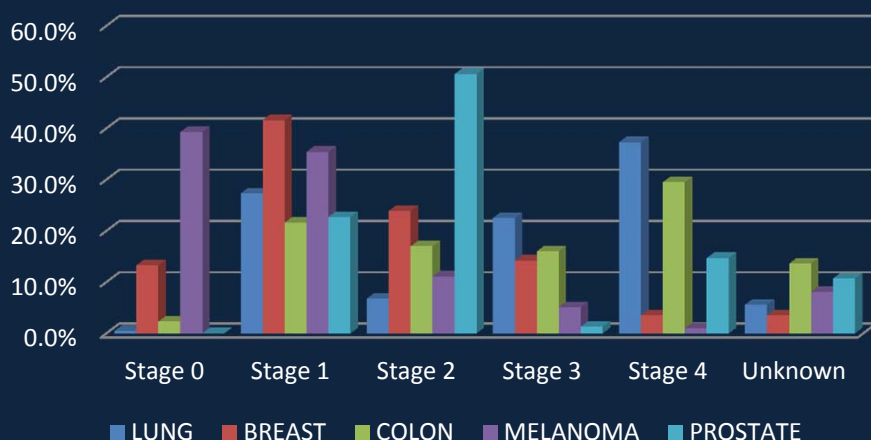


Figure 4

Stage at Diagnosis



Percent Unknown

Lung = 5.6%
 Breast = 3.5%
 Colon = 13.6%
 Melanoma = 8.1%
 Prostate = 10.7%

Figure 5

Figure 6 depicts patient's county at diagnosis. Ninety-eight percent (98%) of CMC new patients in 2014 resided in Ocean County. One percent reside in Monmouth County and one percent reside elsewhere.

County at Diagnosis

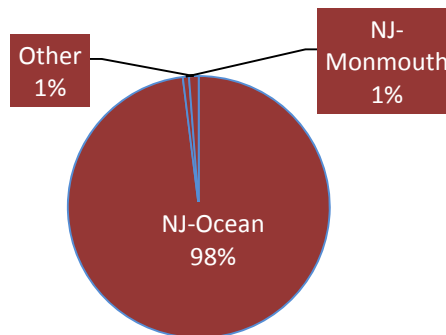


Figure 6

