

Table 6a. Age-adjusted invasive cancer incidence rates* by primary site, sex, and year —Puerto Rico, 2010–2014†

Cancer site	Male						Female						Male and Female					
	2010	2011	2012	2013	2014	2010-2014	2010	2011	2012	2013	2014	2010-2014	2010	2011	2012	2013	2014	2010-2014
All Cancer Sites Combined	406.5	418.6	418.5	409.3	406.8	411.6	299.1	314.1	317.6	331.6	322.5	316.9	344.5	358.1	359.8	363.6	357.4	356.5
Oral Cavity and Pharynx	16.0	17.2	15.3	15.9	17.6	16.4	5.3	5.4	4.3	4.9	4.2	4.9	10.1	10.7	9.2	9.9	10.3	10.0
Lip	0.5	0.7	0.7	1.1	~	0.8	0.1	0.3	0.3	0.8	0.5	0.4	0.3	0.5	0.5	1.0	0.7	0.6
Tongue	4.3	3.5	4.0	4.0	4.6	4.1	1.4	1.4	1.1	0.9	1.0	1.2	2.7	2.4	2.4	2.3	2.6	2.5
Salivary Gland	1.8	2.0	1.2	1.4	1.5	1.6	1.2	0.8	0.8	1.1	0.8	0.9	1.5	1.3	1.0	1.2	1.1	1.2
Floor of Mouth	~	~	~	~	0.7	1.0	0.2	0.2	0.1	0.1	0.1	0.1	0.6	0.7	0.5	0.4	0.4	0.5
Gum and Other Mouth	2.3	2.5	2.5	2.7	2.2	2.4	1.5	1.4	1.0	1.1	1.4	1.3	1.8	1.9	1.7	1.8	1.8	1.8
Nasopharynx	~	0.6	~	~	0.7	0.8	0.1	0.3	0.2	0.3	0.0	0.2	0.5	0.4	0.5	0.5	0.3	0.4
Tonsil	~	~	~	~	~	2.0	0.4	0.5	0.5	0.3	0.0	0.4	1.3	1.2	0.9	1.0	1.2	1.1
Oropharynx	0.6	~	~	~	0.7	0.9	0.1	0.2	~	0.1	0.2	0.1	0.4	0.6	0.5	0.5	0.4	0.5
Hypopharynx	~	~	~	~	~	~	0.2	0.1	0.1	0.0	0.0	0.1	0.6	0.8	0.6	0.4	0.9	0.7
Other Oral Cavity and Pharynx	~	~	~	~	~	1.4	0.1	0.3	0.2	0.2	0.1	0.2	0.5	0.8	0.8	0.8	0.9	0.7
Digestive System	93.8	100.9	101.0	98.7	96.4	98.1	57.8	60.9	58.0	58.8	60.2	59.1	73.8	78.5	77.0	76.7	76.3	76.4
Esophagus	5.9	6.2	5.9	6.5	5.5	6.0	1.4	1.5	1.2	1.1	1.1	1.3	3.4	3.6	3.3	3.6	3.0	3.4
Stomach	10.9	12.1	10.2	10.8	10.2	10.8	6.6	6.4	5.9	5.9	6.2	6.2	8.5	8.8	7.8	8.0	7.9	8.2
Small Intestine	1.6	2.1	2.0	2.1	2.4	2.0	1.3	1.1	0.9	1.3	1.3	1.2	1.5	1.5	1.3	1.6	1.8	1.6
Colon and Rectum	49.2	54.3	53.5	52.8	51.9	52.3	33.7	35.8	34.3	34.3	35.3	34.6	40.6	44.0	42.7	42.6	42.7	42.5
Colon excluding Rectum	33.6	38.5	38.2	36.8	35.0	36.4	25.6	26.6	26.2	25.6	25.4	25.9	29.1	31.8	31.4	30.7	29.6	30.5
Rectum and Rectosigmoid Junction	15.6	15.9	15.3	16.0	16.9	15.9	8.1	9.2	8.1	8.6	9.9	8.8	11.4	12.1	11.3	12.0	13.1	12.0
Anus, Anal Canal and Anorectum	1.1	1.2	1.8	1.2	1.3	1.3	1.7	1.7	2.2	1.7	1.7	1.8	1.5	1.5	2.0	1.5	1.6	1.6
Liver and Intrahepatic Bile Duct	12.9	13.5	13.4	12.2	11.4	12.7	4.0	3.9	3.7	4.6	4.1	4.1	8.0	8.1	8.0	8.0	7.4	7.9
Gallbladder	0.7	0.5	0.4	1.0	0.4	0.6	~	~	~	1.0	~	1.2	0.9	1.0	0.9	1.0	0.8	0.9
Other Biliary	1.6	1.5	1.7	1.5	2.0	1.7	1.3	1.3	0.9	1.2	1.5	1.2	1.4	1.4	1.2	1.4	1.7	1.4
Pancreas	8.7	8.0	10.3	9.4	9.4	9.2	5.9	6.6	6.7	6.5	6.5	6.4	7.2	7.2	8.3	7.8	7.8	7.7
Retroperitoneum	0.3	0.1	0.4	0.3	0.2	0.3	0.3	0.4	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.2
Peritoneum, Omentum and Mesentery	0.2	0.2	0.2	~	0.1	0.1	0.1	0.3	0.0	0.1	0.1	~	0.1	0.2	0.1	0.1	0.1	0.1
Other Digestive Organs	0.7	~	~	0.7	1.6	1.1	0.4	0.4	0.6	~	1.1	0.7	0.6	0.8	0.9	0.8	1.3	0.9
Respiratory System	31.9	32.7	31.9	33.0	32.6	32.4	12.9	13.0	13.7	14.3	12.7	13.3	21.3	21.6	21.7	22.5	21.4	21.7
Nose, Nasal Cavity and Middle Ear	0.7	~	0.8	0.7	0.7	0.8	0.5	0.3	0.5	0.4	0.5	0.4	0.6	0.6	0.6	0.5	0.6	0.6
Larynx	7.0	~	~	~	5.9	6.4	0.9	0.4	0.4	0.4	0.7	0.6	3.6	3.4	2.7	3.2	3.0	3.2
Lung and Bronchus	23.7	24.6	25.3	25.6	25.3	24.9	11.3	12.1	12.8	13.3	11.5	12.2	16.7	17.5	18.2	18.6	17.5	17.7
Pleura	~	~	~	~	0.1	0.0	~	~	~	0.1	~	0.0	~	~	~	0.1	0.0	0.0
Trachea, Mediastinum and Other Respiratory Organs	0.5	0.2	0.2	0.2	0.6	~	0.2	0.1	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.2	0.3	0.2
Bones and Joints	~	0.8	~	~	~	1.1	0.6	~	0.6	0.7	0.4	0.7	0.7	0.9	0.8	1.2	0.8	0.9
Soft Tissue including Heart	2.1	2.4	3.4	2.6	3.0	2.7	1.5	2.2	2.6	1.7	1.7	1.9	1.8	2.3	2.9	2.1	2.3	2.3
Skin excluding Basal and Squamous	5.1	4.2	6.0	6.7	6.4	5.7	3.6	3.0	3.1	4.6	4.3	3.7	4.2	3.5	4.4	5.4	5.2	4.6
Melanoma of the Skin	4.5	2.7	4.4	4.9	4.7	4.2	2.6	1.8	1.9	3.5	3.2	2.6	3.4	2.2	3.0	4.1	3.8	3.3

Cancer site	Male						Female						Male and Female					
	2010	2011	2012	2013	2014	2010-2014	2010	2011	2012	2013	2014	2010-2014	2010	2011	2012	2013	2014	2010-2014
Other Non-Epithelial Skin	0.7	1.5	1.6	1.8	1.6	1.4	~	1.2	1.2	1.0	1.2	1.1	0.8	1.3	1.4	1.4	1.4	1.3
Male and Female Breast	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47.0	51.7	51.6	53.4	48.7	50.5
Male Breast	0.8	0.9	1.1	1.4	0.8	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Female Breast	NA	NA	NA	NA	NA	NA	85.2	93.9	93.6	96.8	88.3	91.6	NA	NA	NA	NA	NA	NA
Female Genital System	NA	NA	NA	NA	NA	NA	47.6	48.4	47.3	52.3	52.2	49.6	NA	NA	NA	NA	NA	NA
Cervix	NA	NA	NA	NA	NA	NA	13.0	13.6	11.7	12.3	13.9	12.9	NA	NA	NA	NA	NA	NA
Corpus and Uterus, NOS	NA	NA	NA	NA	NA	NA	23.9	22.6	23.7	26.4	27.4	24.8	NA	NA	NA	NA	NA	NA
Corpus	NA	NA	NA	NA	NA	NA	22.7	21.7	22.6	25.1	26.5	23.8	NA	NA	NA	NA	NA	NA
Uterus, NOS	NA	NA	NA	NA	NA	NA	1.2	0.9	1.1	1.3	0.8	1.1	NA	NA	NA	NA	NA	NA
Ovary¶	NA	NA	NA	NA	NA	NA	7.1	8.4	8.3	9.4	7.6	8.2	NA	NA	NA	NA	NA	NA
Vagina	NA	NA	NA	NA	NA	NA	1.3	1.3	1.2	1.1	1.0	1.2	NA	NA	NA	NA	NA	NA
Vulva	NA	NA	NA	NA	NA	NA	1.8	2.0	2.0	2.7	1.8	2.1	NA	NA	NA	NA	NA	NA
Other Female Genital Organs	NA	NA	NA	NA	NA	NA	0.5	0.4	0.3	0.3	0.5	0.4	NA	NA	NA	NA	NA	NA
Male Genital System	157.7	160.4	160.1	153.7	144.4	155.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Prostate	151.9	153.6	152.5	146.0	137.1	148.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Testis	3.3	3.8	4.6	5.0	4.5	4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Penis	2.1	2.9	2.8	2.3	2.8	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other Male Genital Organs	0.3	0.1	0.2	0.3	0.1	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Urinary System	30.3	30.1	28.9	26.1	29.1	28.8	9.7	10.8	10.2	10.3	10.6	10.3	18.7	19.3	18.3	17.2	18.6	18.4
Urinary bladder**	17.7	17.9	17.3	14.7	16.9	16.9	5.1	5.2	4.4	4.6	4.7	4.8	10.6	10.8	10.0	8.9	9.9	10.0
Kidney and Renal Pelvis	11.5	11.2	10.2	10.7	11.6	11.0	4.1	5.0	5.3	5.4	5.4	5.0	7.4	7.8	7.5	7.8	8.2	7.7
Ureter	0.4	0.4	0.4	0.3	0.2	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.3	0.3	0.2	0.2	0.3
Other Urinary Organs	0.8	0.6	~	0.4	0.5	0.6	0.1	0.3	0.2	0.1	0.2	0.2	0.4	0.5	0.5	0.2	0.3	0.4
Eye and Orbit	~	~	0.9	~	~	1.2	0.4	0.4	0.8	0.6	0.5	0.5	0.8	0.7	0.8	1.0	0.9	0.8
Brain and Other Nervous System	4.9	5.0	5.2	5.6	5.0	5.2	3.3	4.0	3.2	4.5	3.9	3.8	4.0	4.5	4.2	5.0	4.4	4.4
Brain	4.7	4.7	5.0	5.2	4.7	4.9	2.9	3.6	3.1	4.1	3.5	3.4	3.7	4.2	4.0	4.6	4.0	4.1
Cranial Nerves Other Nervous System	0.3	0.4	0.2	0.4	0.3	0.3	0.3	0.4	0.2	0.4	0.4	0.3	0.3	0.4	0.2	0.4	0.4	0.3
Endocrine System	9.1	8.4	10.1	11.5	12.7	10.3	34.9	33.2	40.3	44.4	43.7	39.3	22.9	21.5	26.2	29.0	29.1	25.7
Thyroid	8.3	7.9	9.5	11.1	11.4	9.6	34.7	32.6	39.9	44.2	43.4	38.9	22.3	21.0	25.7	28.6	28.4	25.2
Other Endocrine including Thymus	0.8	0.5	0.6	0.4	~	0.7	0.2	0.6	0.5	0.2	0.3	0.4	0.5	0.6	0.5	0.3	0.8	0.5
Lymphomas	18.1	18.5	21.8	18.4	21.3	19.7	13.8	15.1	16.3	13.7	14.4	14.7	15.7	16.7	18.8	15.9	17.4	16.9
Hodgkin lymphoma	3.4	3.2	3.5	2.7	2.5	3.1	2.5	2.6	2.6	1.3	2.8	2.4	2.9	2.9	3.0	2.0	2.7	2.7
Non-Hodgkin Lymphoma	14.8	15.3	18.4	15.7	18.7	16.6	11.3	12.5	13.7	12.3	11.6	12.3	12.8	13.8	15.8	13.9	14.7	14.2
Myeloma	7.6	7.7	6.5	7.5	7.1	7.3	4.0	5.3	5.1	5.8	5.4	5.1	5.6	6.4	5.7	6.5	6.1	6.1
Leukemias	13.4	11.5	11.9	10.4	13.3	12.1	9.8	6.9	8.6	8.2	8.8	8.5	11.4	8.9	10.0	9.2	10.8	10.1
Acute Lymphocytic Leukemia	1.7	1.3	1.5	1.4	1.4	1.5	1.7	0.9	1.0	1.5	1.5	1.3	1.7	1.1	1.2	1.4	1.5	1.4
Chronic Lymphocytic Leukemia	3.8	3.4	3.2	3.5	3.3	3.4	1.6	1.6	1.8	1.5	2.0	1.7	2.6	2.4	2.4	2.4	2.6	2.5
Acute Myeloid Leukemia	3.0	2.6	2.9	2.8	3.6	3.0	2.8	1.9	2.4	2.3	2.6	2.4	2.9	2.2	2.6	2.5	3.0	2.7
Chronic Myeloid Leukemia	2.2	2.1	1.6	1.4	2.7	2.0	1.8	1.3	1.9	2.0	1.5	1.7	2.0	1.7	1.8	1.7	2.0	1.8

Cancer site	Male						Female						Male and Female					
	2010	2011	2012	2013	2014	2010-2014	2010	2011	2012	2013	2014	2010-2014	2010	2011	2012	2013	2014	2010-2014
Other Leukemias	2.7	2.1	2.6	1.3	2.3	2.2	1.9	1.0	1.5	0.9	1.1	1.3	2.3	1.5	2.0	1.1	1.6	1.7
Mesothelioma	0.1	0.6	0.2	0.1	0.4	~	0.1	~	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
Kaposi Sarcoma	~	~	~	~	~	1.3	0.2	0.2	0.1	0.1	0.1	0.1	0.9	0.6	0.7	0.8	0.6	0.7
Miscellaneous	11.7	15.1	12.0	12.9	13.0	12.9	8.2	10.4	9.4	9.7	10.9	9.7	9.7	12.5	10.5	11.0	11.8	11.1

*Rates are per 100,000 persons and are age-adjusted to the 2000 U.S. standard population.

†Excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and *in situ* cancers except urinary bladder.

¶Ovary excludes cancers classified as borderline according to ICD-O-3. See [Technical Notes](#).

**Includes invasive and *in situ*.

~Rates and are suppressed if fewer than 16 cases were reported in a specific category (site, sex, year).

NA = not applicable

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