

NYS Cancer Regions (shapefile, dbf files)

Variable	Description
Custom 12-digit code geographical identifier (for use with SaTScan):	
DOHRegion	Geographic identifier, consisting of 12 digits: state (2), county (3), tract (6), and block group (1), based on the 2010 census. The state code is always 36 for New York. For merged block groups, a custom 12-digit code was created by replacing the tract and block group codes with the letters DOH and a 4-digit number. The file Block Group crosswalk file relates the DOH Regions to the 2010 Census block groups.
Centroid coordinates:	
Latitude	Latitude Centroid
Longitude	Longitude Centroid
Number of diagnosed (observed) cases 2005-2009 for the specific cancer:	
oBladder	Urinary bladder including in situ, between 2005 and 2009. (Corresponds to ICD-O-3 classification C67, behavior 2 and 3)
oBone	Bones and Joints (C40-C41)
oBrain	Brain and Other Nervous System (C70-C72)
oBreast	Female Breast (C50)
oColorecta	Colon and Rectum (C18-C20, C26.0)
oEsophagus	Esophagus (C15)
oKidney	Kidney and Renal Pelvis (C64, C65)
oLarynx	Larynx (C32)
oLeukemia	Leukemia (morphologies 9733, 9742, 9800-9949, 9963, 9964)
oLiver	Liver and Intrahepatic Bile Duct (C22)
oLung	Lung and Bronchus (C34)
oMesotheli	Mesothelioma (morphologies 9050-9055)
oNHL	Non-Hodgkin Lymphoma (morphologies 9590-9596, 9670-9671, 9673, 9675, 9678-9680, 9684, 9687, 9689-9691, 9695, 9698-9702, 9705, 9708-9709, 9714-9719, 9727-9729; 9823, 9827 except where site in C42.0, C42.1, C42.4)
oNasal	Nasal and Nasopharynx; includes Nasopharynx, Nose, Nasal Cavity, and Middle Ear (C11, C30, C31)
oOral	Oral Cavity and Pharynx, excluding Nasopharynx (C00-C10, C12-C14)
oOther	Other Cancers not specifically listed (C00-C80 excluding codes specifically listed)
oOvary	Ovary (C56)
oPancreas	Pancreas (C25)
oProstate	Prostate (C61)
oTissue	Soft Tissue (C38.0, C47, C49)
oStomach	Stomach (C16)
oTestis	Testis (C62)
oThyroid	Thyroid (C73)
oUterus	Corpus Uterus, including Uterus NOS (C54, C55)
oTotal	Total

Age and Sex-Adjusted expected number of cases 2005-2009 for the specific cancer, using New York State as the reference and 2010 U.S. Census populations:

eBladder	Urinary Bladder, including in situ
eBone	Bones and Joints
eBrain	Brain and Other Nervous System
eBreast	Female Breast
eColorecta	Colon and Rectum
eEsophagus	Esophagus
eKidney	Kidney and Renal Pelvis
eLarynx	Larynx
eLeukemia	Leukemia
eLiver	Liver and intrahepatic Bile Duct
eLung	Lung and Bronchus
eMesotheli	Mesothelioma
eNHL	Non-Hodgkin Lymphoma
eNasal	Nasal and Nasopharynx
eOral	Oral Cavity and Pharynx excluding Nasopharynx
eOther	Other Cancers not specifically listed
eOvary	Ovary
ePancreas	Pancreas
eProstate	Prostate
eTissue	Soft Tissue
eStomach	Stomach
eTestis	Testis
eThyroid	Thyroid
eUterus	Corpus Uterus, including Uterus NOS
eTotal	Total

Flag indicating whether the DOH region is contained within a highlighted area for specific cancer as displayed on [NYSDOH website](#):

1=in elevated area

-1=in deficit area

0=not in a highlighted area

hBladder	Urinary bladder, including in situ
hBone	Bones and Joints
hBrain	Brain and Other Nervous System
hBreast	Female Breast
hColorecta	Colon and Rectum
hEsophagus	Esophagus
hKidney	Kidney and Renal Pelvis
hLarynx	Larynx
hLeukemia	Leukemia
hLiver	Liver and intrahepatic Bile Duct
hLung	Lung and Bronchus
hMesotheli	Mesothelioma

hNHL	Non-Hodgkin Lymphoma
hNasal	Nasal and Nasopharynx
hOral	Oral Cavity and Pharynx excluding Nasopharynx
hOvary	Ovary
hPancreas	Pancreas
hProstate	Prostate
hSoft_Tissue	Soft Tissue
hStomach	Stomach
hTestis	Testis
hThyroid	Thyroid
hUterus	Corpus Uterus, including Uterus NOS

Year (for SaTScan use only):

year	Year of data (2005-2009)
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NYS_SES Data File (shapefile, dbf file)

Variable	Description
DohRegion	NYSDOH Region ID
Pop_tot	Total Population (2010 Census)
F_tot	Total Female Population (2010 Census)
M_tot	Total Male Population (2010 Census)
W_tot	Total White Alone Population (2010 Census)
B_tot	Total Black Alone Population (2010 Census)
Ai_tot	Total American Indian Alone Population (2010 Census)
A_tot	Total Asian Alone Population (2010 Census)
Pi_tot	Total Pacific Islander Alone Population (2010 Census)
O_tot	Total Other Race Population (2010 Census)
Mu_tot	Total Multiple Race Population (2010 Census)
Nh_tot	Total Non-Hispanic Population (2010 Census)
H_tot	Total Hispanic Population (2010 Census)
Hh_size	Number of persons per household (2010 Census)
Hu_occ	Housing Units – Occupied (2010 Census)
Hu_vac	Housing Units – Unoccupied (2010 Census)
Tot_Lt_HS	Population less than high school education (25 & over)
Tot_Hsplus	Population high school and above education (25 & over) (2006-2010 ACS Data)
PovUnder	Population under poverty (2006-2010 ACS Data)
PovOver	Population above poverty (2006-2010 ACS Data)

Block Group Crosswalk File* (shapefile, dbf file)

Variable	Description
GeoID	State FIPS+County FIPS+Tract+Block Group
Display_id	County FIPS+Tract+Block Group delineated with "\"
DOHRegion	DOH Cancer Region ID is the same as the GeoID unless more than one block groups were merged, in which case a new DOH Region ID is assigned. There may be multiple block groups (GeoID) within the same DOH Region.
Pop_Tot	Block Group Population 2010 Census
IntPtLat	US Census Internal Point Latitude
IntPtLong	US Census Internal Point Longitude

*The block group boundaries come from 2010 Census TIGER Files. Some block groups which contained water features with no populations have been removed from file.

Data Sources

Cancer Data	https://health.data.ny.gov/download/cw3n-fkji/application/zip
Population Data	http://www2.census.gov/census_2010/04-Summary_File_1/New_York/Summary_File_1/New_York/
Socio-economic Data	http://www2.census.gov/acs2010_5yr/summaryfile/2006-2010_ACSSF_By_State_All_Tables/NewYork_Tracts_Block_Groups_Only.zip