# **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](https://apps.health.ny.gov/statistics/cancer/environmental_facilities/mapping/map/): 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) |

# **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> |