Data Dictionary

The database is comprised of three types of data: Census, Health, and Circumstances of Death. Below you will find definitions for each field as well as the list of possible choices for each field (normative answer list) and applicable vocabulary/data standards.

<table>
<thead>
<tr>
<th>CENSUS</th>
<th>HEALTH</th>
<th>CIRCUMSTANCES OF DEATH</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sex</strong></td>
<td>Cancer</td>
<td>Primary cause of death</td>
</tr>
<tr>
<td><strong>Birth year</strong></td>
<td>Congenital and genetic disorders</td>
<td>Contributing cause of death</td>
</tr>
<tr>
<td><strong>Death year</strong></td>
<td>Chromosomal abnormalities</td>
<td>Manner of death</td>
</tr>
<tr>
<td><strong>Zip code</strong></td>
<td>Dental health as an adult</td>
<td>Identification method</td>
</tr>
<tr>
<td><strong>Age in years</strong></td>
<td>Dental health as a child</td>
<td>Bone density</td>
</tr>
<tr>
<td><strong>Age in months</strong></td>
<td>Scoliosis</td>
<td>Death city</td>
</tr>
<tr>
<td><strong>Gender</strong></td>
<td>History of broken bones</td>
<td>Death county/tribal land</td>
</tr>
<tr>
<td><strong>Number of pregnancies</strong></td>
<td>Facial trauma</td>
<td>Cadaver condition</td>
</tr>
<tr>
<td><strong>Number of live births</strong></td>
<td>Plastic surgery</td>
<td>Cadaver length</td>
</tr>
<tr>
<td><strong>Marital status</strong></td>
<td>Surgery</td>
<td>Cadaver weight</td>
</tr>
<tr>
<td><strong>Living weight</strong></td>
<td>Implants</td>
<td>CT scan settings</td>
</tr>
<tr>
<td><strong>Living height</strong></td>
<td>Radiation therapy</td>
<td>Time delay after death</td>
</tr>
<tr>
<td><strong>Race</strong></td>
<td>Medical diagnoses</td>
<td>Name of person entering data</td>
</tr>
<tr>
<td><strong>Tribal affiliation</strong></td>
<td>Notes on medical diagnoses</td>
<td></td>
</tr>
<tr>
<td><strong>Ethnicity</strong></td>
<td>Medications</td>
<td></td>
</tr>
<tr>
<td><strong>Hispanic identification</strong></td>
<td>Substance usage</td>
<td></td>
</tr>
<tr>
<td><strong>Birth weight</strong></td>
<td>Quit date of substance</td>
<td></td>
</tr>
<tr>
<td><strong>Birth weight category</strong></td>
<td>Years of substance usage</td>
<td></td>
</tr>
<tr>
<td><strong>Birthplace</strong></td>
<td>Tobacco type</td>
<td></td>
</tr>
<tr>
<td><strong>Birth country</strong></td>
<td>Tobacco usage</td>
<td></td>
</tr>
<tr>
<td><strong>Birth city</strong></td>
<td>Drinking status</td>
<td></td>
</tr>
<tr>
<td><strong>Birth state</strong></td>
<td>Dietary pattern</td>
<td></td>
</tr>
<tr>
<td><strong>Years in the US</strong></td>
<td>Occupations</td>
<td></td>
</tr>
<tr>
<td><strong>Ancestor birthplace</strong></td>
<td>Duration of occupations</td>
<td></td>
</tr>
<tr>
<td><strong>Ancestor birth city</strong></td>
<td>Activities</td>
<td></td>
</tr>
<tr>
<td><strong>Ancestor birth state</strong></td>
<td>Strenuous lifting</td>
<td></td>
</tr>
<tr>
<td><strong>Ancestor birth country</strong></td>
<td>Educational level</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Socio-economic status as a child</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Socio-economic status as an adult</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Carcinogens</td>
<td></td>
</tr>
</tbody>
</table>
Standards used:


NCI: NCI Thesaurus (NCIt) provides reference terminology for many NCI and other systems. It covers vocabulary for clinical care, translational and basic research, and public information and administrative activities. https://NCIt.NCI.nih.gov/NCItbrowser/

Format of Data Dictionary
Variable Name
Cardinality between variable and de-identified decedent (options: one to one, one to many)
Definition
Data source
Answer List (if the answer is in a number format “X” is used as a placeholder)
CENSUS VARIABLES

**Sex**
LOINC code 21840-4
One to one
Biological sex of the decedent
Medical examiner database
**Normative Answer List:**
- Male
- Female
- Other (hermaphrodite)
- Transsexual
- Unknown

**Birth Date - year only**
LOINC code: 80904-6
One to one
The year that the decedent was born
Medical examiner database
XXXX

**Death date - year only**
Modified SNOMED CT code: 399753006
One to one
The year that the decedent died
Medical examiner database
XXXX

**Current Zip Code**
Modified LOINC 45401-7
One to one
First three digits of the zip code of decedent’s address at the time of death
Medical examiner database
XXX

**Age in years at death**
LOINC 39016-1
One to one
The age of the decedent in years
Medical examiner database
XXX

**Age in months at death**
Modified LOINC 39016-1
One to one
The age of the decedent in months
Medical examiner database

**Gender**
LOINC code 76691-5
One to one
Gender identity of decedent
Next of kin interview

*Normative Answer List:*
Identifies as male
Identifies as female
Female to male transsexual
Male to female transsexual
Identifies as non-conforming
Other
Unknown

**Number of pregnancies**
LOINC code: 11996-6
One to one
Number of pregnancies, women only
Next of kin interview
XX

**Number of live births**
LOINC code: 11636-8
One to one
Number of live births, women only
Next of kin interview
XX

**Marital Status**
LOINC code: 85431-5
One to one
The marital status of the decedent at the time of death
Medical examiner database and next of kin interview

*Normative Answer List:*
Married- spouse in household
Married- spouse not in household
Living as married
Widowed
Divorced
Separated
Never married
Don’t know
**Living height**
LOINC Code: 3137-7
One to one
Height of the decedent in cm
Next of kin interview
XXXX

**Living weight**
LOINC code: 3141-9
One to one
Weight of the decedent in kg
Next of kin interview
XXXX

**Race**
Modified LOINC code 80977-2 to include Hispanic and Unknown
One to many
The race of the individual
Medical examiner database and next of kin interviews

*Normative Answer List:*
Native American
Asian Indian
Black or African-American
Chinese
Filipino
Guamanian or Chamorro
Japanese
Korean
Native Hawaiian
Other
Other Asian
Other Pacific Islander
Samoan
Vietnamese
White
Hispanic
Unknown

**Tribal affiliation**
Federally recognized tribes in New Mexico- Bureau of Indian Affairs
One to many
The tribal affiliation of Native American decedents
Medical examiner database and next of kin interview

*Normative Answer List:*
Pueblo of Acoma
Pueblo of Cochiti
Pueblo of Isleta
Pueblo of Jemez
Pueblo of Laguna
Pueblo of Nambe
Pueblo of Ohkay Owingeh
Pueblo of Picuris
Pueblo of Pojoaque
Pueblo of Sandia
Pueblo of San Felipe
Pueblo of San Ildefonso
Pueblo of Santa Ana
Pueblo of Santa Clara
Pueblo of Santo Domingo
Pueblo of Taos
Pueblo of Tesuque
Pueblo of Zuni
Pueblo of Zia
Apache
Fort Still Apache Tribe
Jicarilla Apache Nation
Mescalero Apache Tribe
Navajo Nation

**Ethnicity**
Modified LOINC code 69490-1 modified to include Middle Eastern
One to many
The ethnicity of the decedent
Medical examiner database and next of kin interview

**Normative Answer List:**
Hispanic or Latino
Middle Eastern
Not Hispanic, Latino or Middle Eastern
Unknown

**Subgroup of Hispanic**
One to many
The subgroup of “Hispanic” with which next of kin estimate decedents would have grouped themselves
Next of kin interview

**Normative Answer List:**
Hispanic
Latino
Birth weight
LOINC code: 56056-5
One to one
Weight of the decedent at birth in kg
Next of kin interview
XX

Birth weight categories
No defined standard
One to one
Category of birth weight for the decedent
Next of kin interview
SNOMED CT codes for Normative Answer List
Normative Answer List:
Small. 276610007
Average. 276613009
Large. 276613009

Birthplace of decedent
Modified LOINC Code: 63490-7 (temp code)
One to one
City, State and Country of the decedent’s birthplace
Medical examiner database and next of kin interview
Normative Answer List:
In the United States, list City and State
In Mexico, List City and State
Outside of the United States and Mexico, List City and Country

Number of years in the US if born elsewhere
LOINC code: 63585-4
One to one
Number of years living in the United States if born outside of the US
Next of kin interview
XX

Mother’s Birthplace
Modified LOINC Code: 63515-1 (temp code)
One to one
Place of birth of the decedent’s mother
Next of kin interview
Normative Answer List:
In the United States, list City and State
In Mexico, List City and State
Outside of the United States and Mexico, List City and Country

**Father's Birthplace**
Modified LOINC Code: 63492-3 (temp code)
One to one
Place of birth of decedent’s father
Next of kin interview

**Normative Answer List:**
In the United States, list City and State
In Mexico, List City and State
Outside of the United States and Mexico, List City and Country

**Mother’s Mother Birthplace**
Modified LOINC Code: 63493-1 (temp code)
One to one
Place of birth of maternal grandmother
Next of kin interview

**Normative Answer List:**
In the United States, list City and State
In Mexico, List City and State
Outside of the United States and Mexico, List City and Country

**Mother’s Father Birthplace**
Modified LOINC Code: 63494-9 (temp code)
One to one
Place of birth of maternal grandfather
Next of kin interview

**Normative Answer List:**
In the United States, list City and State
In Mexico, List City and State
Outside of the United States and Mexico, List City and Country

**Father’s Mother Birthplace**
Modified LOINC Code: 63495-6 (temp code)
One to one
Place of birth of paternal grandmother
Next of kin interview

**Normative Answer List:**
In the United States, list City and State
In Mexico, List City and State
Outside of the United States and Mexico, List City and Country

**Father’s Father Birthplace**
Modified LOINC Code: 63496-4 (temp code)
One to one
Place of birth of paternal grandfather
Next of kin interview

*Normative Answer List:*

In the United States, list City and State
In Mexico, List City and State
Outside of the United States and Mexico, List City and Country
HEALTH VARIABLES

For the health variables if the familial field is listed as “no,” it was the decedent who suffered from the condition. If the familial field is listed as “yes,” then there is a family history of the condition.

Cancer
SNOMED CT code: 363346000
One to many
Cancer diagnoses of the decedent or family
Medical examiner database and next of kin interview
SNOMED and NCI codes below for Normative Answer List (Modified list from Cancer.org)

Normative Answer List:
- Acute Lymphoblastic Leukemia (ALL). 91857003
- Acute Myeloid Leukemia (AML). 91861009
- Adolescents, Cancer in
- Adrenocortical Carcinoma. 2227007
- AIDS-Related Cancers. NCI code: C4046
- AIDS-Related Lymphoma (Lymphoma). NCI code: C3471
- Anal Cancer. 363490009
- Appendix Cancer. 363411007
- Astrocytomas, Childhood (Brain Cancer). 38713004
- Atypical Teratoid/Rhabdoid Tumor, Childhood (Brain Cancer). NCI code: C68634
- Atypical Teratoid/Rhabdoid Tumor, Childhood, Central Nervous System (Brain Cancer). NCI code: C68634
- Basal Cell Carcinoma of the Skin. 275265005
- Bile Duct Cancer. 363416002
- Bladder Cancer. 399326009
- Blood cancer. 129154003
- Bone Cancer (includes Ewing Sarcoma and Osteosarcoma and Malignant Fibrous Histiocytoma). 428281000
- Brain Tumors. 126952004
- Breast Cancer. 254837009
- Bronchial Tumors, Childhood. 126705004
- Burkitt Lymphoma. 118617000
- Cancer, other type
- Cancer, unknown type. CCPSS code: 0053761
- Carcinoid Tumor (Gastrointestinal). 189607006
- Carcinoma of Unknown Primary. 255052006
- Cardiac (Heart) Tumors, Childhood
- Central Nervous System cancers
- Cervical Cancer. 363354003
- Childhood Adrenocortical Carcinoma.
- Childhood Bladder Cancer
- Childhood Breast Cancer
- Childhood Cancer of Unknown Primary
- Childhood Carcinoid Tumors
Childhood Carcinoma of Unknown Primary
Childhood Central Nervous System Germ Cell Tumors (Brain Cancer)
Childhood Cervical Cancer
Childhood Colorectal Cancer
Childhood Esophageal Cancer. NCI code: C118812
Childhood Extracranial Germ Cell Tumors
Childhood Gastric (Stomach) Cancer
Childhood Gastrointestinal Stromal Tumors
Childhood Head and Neck Cancers
Childhood Intraocular Melanoma
Childhood Intraocular Melanoma
Childhood Intraocular Melanoma
Childhood Laryngeal Cancer and Papillomatosis
Childhood Lung Cancer
Childhood Melanoma
Childhood Mesothelioma
Childhood Nasopharyngeal Cancer
Childhood Oral Cavity Cancer
Childhood Ovarian Cancer
Childhood Pancreatic Cancer
Childhood Paraganglioma
Childhood Pheochromocytoma
Childhood Rhabdomyosarcoma (Soft Tissue Sarcoma). NCI code: C7705
Childhood Salivary Gland Tumors
Childhood Skin Cancer
Childhood Stomach (Gastric) Cancer
Childhood Testicular Cancer
Childhood Thyroid Tumors
Childhood Vaginal Cancer
Childhood Vascular Tumors (Soft Tissue Sarcoma).
Cholangiocarcinoma. 70179006
Chordoma, Childhood. 50007008
Chronic Lymphocytic Leukemia (CLL). 92814006
Chronic Myelogenous Leukemia (CML). 92818009
Chronic Myeloproliferative Neoplasms
Colorectal Cancer. 781382000
Craniopharyngioma, Childhood (Brain Cancer). NCI code: C7816
Cutaneous T-Cell Lymphoma. 400122007
Ductal Carcinoma In Situ (DCIS). 399935008
Embryonal Tumors, Central Nervous System, Childhood (Brain Cancer). NCI code: C3264
Embryonal Tumors, Childhood (Brain Cancer). NCI code: C3264
Endometrial Cancer (Uterine Cancer). 254878006
Ependymoma, Childhood (Brain Cancer). NCI code: C8578
Esophageal Cancer. 372138000
Esthesioneuroblastoma. 68614005
Ewing Sarcoma (Bone Cancer). 76909002
Ewing Sarcoma (Bone Cancer). 76909002
Extracranial Germ Cell Tumor, Childhood. NCI code: C68627
Extragonadal Germ Cell Tumor. NCI code: C3918
Extragonadal Germ Cell Tumors. NCI code: C3918
Eye cancers. 363461003
Fallopian Tube Cancer. 363444001
Fibrous Histiocytoma of Bone, Malignant, and Osteosarcoma. 307576001
Gallbladder Cancer. 363353009
Gastric (Stomach) Cancer. 363349007
Gastrointestinal Carcinoid Tumor. 428701004
Gastrointestinal Stromal Tumors (GIST) (Soft Tissue Sarcoma). 420120006
Germ Cell Tumor, Childhood (Brain Cancer)
Germ Cell Tumors. 402878003
Gestational Trophoblastic Disease. 609519004
Hairy Cell Leukemia. 118613001
Head and Neck Cancer. 255056009
Heart Tumors, Childhood
Hepatocellular (Liver) Cancer. 93870000
Histiocytosis, Langerhans Cell. 65399007
Hodgkin Lymphoma. 14537002
Hypopharyngeal Cancer (Head and Neck Cancer). 363399006
Hypopharyngeal Cancer. 363399006
Intraocular Melanoma. NCI code: C7712
Intraocular Melanoma. NCI code: C7712
Islet Cell Tumors, Pancreatic Neuroendocrine Tumors. 128878003
Kaposi Sarcoma (Soft Tissue Sarcoma). 109385007
Kaposi Sarcoma (Soft Tissue Sarcoma). 109385007
Kaposi Sarcoma (Soft Tissue Sarcoma). 49937004
Kidney (Renal Cell) Cancer. 363518003
Langerhans Cell Histiocytosis. 65399007
Laryngeal Cancer (Head and Neck Cancer). 363429002
Leukemia. 93143009
Lip and Oral Cavity Cancer (Head and Neck Cancer). NCI code: C9315
Liver Cancer. NCI code: C7711
Lung Cancer (Non-Small Cell and Small Cell). 363358000
Lymphoma. 118600007
Male Breast Cancer. 372096000
Malignant Fibrous Histiocytoma of Bone and Osteosarcoma
Melanoma, Intraocular (Eye). NCI code: C7712
Melanoma. 2092003
Merkel Cell Carcinoma (Skin Cancer). 253001006
Mesothelioma, Malignant. 62064005
Metastatic Cancer. NCI code: C19151
Metastatic Squamous Neck Cancer with Occult Primary (Head and Neck Cancer). NCI code: C7713
Midline Tract Carcinoma Involving NUT Gene
Mouth Cancer (Head and Neck Cancer). 363505006
Multiple Endocrine Neoplasia Syndromes. 46724008
Multiple Myeloma/Plasma Cell Neoplasms. 109989006
Mycosis Fungoides (Lymphoma). 118618005
Myelodysplastic Syndromes, Myelodysplastic/Myeloproliferative Neoplasms. 109995007
Myelogenous Leukemia, Chronic (CML). 92818009
Myeloid Leukemia, Acute (AML). 91861009
Myeloproliferative Neoplasms, Chronic. 115248004
Nasal Cavity and Paranasal Sinus Cancer (Head and Neck Cancer). NCI code: C54293
Nasopharyngeal Cancer (Head and Neck Cancer). 187692001
Nasopharyngeal Cancer. 187692001
Neuroblastoma. 432328002
No known cancers
Non-Hodgkin Lymphoma. 118601006
Non-Small Cell Lung Cancer. 254637007
Oral Cancer, Lip and Oral Cavity Cancer and Oropharyngeal Cancer (Head and Neck Cancer)
Oropharyngeal Cancer. 363392002
Osteosarcoma and Malignant Fibrous Histiocytoma of Bone
Osteosarcoma (Bone Cancer). 21708004
Ovarian Cancer. 123843001
Ovarian Germ Cell Tumors
Pancreatic Cancer. 372142002
Pancreatic Neuroendocrine Tumors (Islet Cell Tumors). 237596002
Papillomatosis . 82049002
Paraganglioma. 302833002
Paranasal Sinus and Nasal Cavity Cancer (Head and Neck Cancer). NCI code: C54293
Parathyroid Cancer. 363481002
Penile Cancer. 363516004
Pharyngeal Cancer (Head and Neck Cancer). NCI code: C9466
Pheochromocytoma. 399343007
Pituitary Tumor. 127024001
Plasma Cell Neoplasm/Multiple Myeloma. 55921005
Pleuropulmonary Blastoma. 707670009
Pregnancy and Breast Cancer: CHV code:0000027395
Primary Central Nervous System (CNS) Lymphoma. 307649006
Primary CNS Lymphoma (Lymphoma). 307649006
Primary CNS Lymphoma. 307649006
Primary Peritoneal Cancer. 363492001
Prostate Cancer. 399068003
Rectal Cancer. 363351006
Recurrent Cancer. 452241000124100
Renal Cell (Kidney) Cancer. 702391001
Retinoblastoma. 19906005
Retinoblastoma. 370967009
Rhabdomyosarcoma, Childhood (Soft Tissue Sarcoma). NCI code: C7705
Salivary Gland Cancer (Head and Neck Cancer). 255072001
Sarcoma. 424413001
Sézary Syndrome (Lymphoma). 118611004
Skin Cancer. 372130007
Small Cell Lung Cancer. 254632001
Small Intestine Cancer. 363509000
Soft Tissue Sarcoma.
Squamous Cell Carcinoma of the Skin. 254651007
Squamous Neck Cancer with Occult Primary, Metastatic (Head and Neck Cancer): NCI code: C7713
Stomach (Gastric) Cancer. 363349007
T-Cell Lymphoma, Cutaneous. 400122007
Testicular Cancer. 363449006
Testicular Cancer. 363449006
Throat Cancer (Head and Neck Cancer): NCI code: C35506
Thymoma and Thymic Carcinoma. 128717008
Thyroid Cancer. 363478007
Transitional Cell Cancer of the Renal Pelvis and Ureter (Kidney (Renal Cell) Cancer): NCI code: C7716
Unknown
Unknown Primary, Carcinoma of. 255052006
Ureter and Renal Pelvis, Transitional Cell Cancer (Kidney (Renal Cell) Cancer. NCI code: C8064
Urethral Cancer. 363459007
Uterine Cancer, Endometrial. 254878006
Uterine Sarcoma. 254877001
Uterine Sarcoma. 254877001
Vaginal Cancer. 363445000
Vascular Tumors (Soft Tissue Sarcoma). NCI code: C7388
Vulvar Cancer. 363367000
Wilms Tumor and Other Childhood Kidney Tumors. NCI code: C27730

**Congenital and Genetic Disorders**

ICD-10 Q00-Q89
One to many
Congenital and Genetic disorders of the decedent and family
Medical examiners database and next of kin interview

**Normative Answer List:**

- Anencephaly and similar malformations
Anophthalmos, microphthalmos and macrophthalmos
Cleft lip
Cleft palate
Cleft palate with cleft lip
Congenital absence, atresia and stenosis of large intestine
Congenital absence, atresia and stenosis of small intestine
Congenital deformities of feet
Congenital deformities of hip
Congenital hydrocephalus
Congenital ichthyosis
Congenital lens malformations
Congenital malformation syndromes due to known exogenous causes, not elsewhere classified
Congenital malformations of anterior segment of eye
Congenital malformations of aortic and mitral valves
Congenital malformations of breast
Congenital malformations of cardiac chambers and connections
Congenital malformations of cardiac septa
Congenital malformations of ear causing impairment of hearing
Congenital malformations of esophagus
Congenital malformations of eyelid, lacrimal apparatus and orbit
Congenital malformations of gallbladder, bile ducts and liver
Congenital malformations of great arteries
Congenital malformations of great veins
Congenital malformations of larynx
Congenital malformations of lung
Congenital malformations of musculoskeletal system, not elsewhere classified
Congenital malformations of nose
Congenital malformations of ovaries, fallopian tubes and broad ligaments
Congenital malformations of posterior segment of eye
Congenital malformations of pulmonary and tricuspid valves
Congenital malformations of spine and bony thorax
Congenital malformations of trachea and bronchus
Congenital malformations of uterus and cervix
Congenital musculoskeletal deformities of head, face, spine and chest
Congenital obstructive defects of renal pelvis and congenital malformations of ureter
Cystic kidney disease
Encephalocele
Epidermolysis bullosa
Hypospadias
Indeterminate sex and pseudohermaphroditism
Microcephaly
No known congenital abnormalities
Osteochondrodysplasia with defects of growth of tubular bones and spine
Other congenital malformations of brain
Other congenital malformations of circulatory system
Other congenital malformations of digestive system
Other congenital malformations of ear
Other congenital malformations of eye
Other congenital malformations of face and neck
Other congenital malformations of female genitalia
Other congenital malformations of heart
Other congenital malformations of integument
Other congenital malformations of intestine
Other congenital malformations of kidney
Other congenital malformations of limb(s)
Other congenital malformations of male genital organs
Other congenital malformations of nervous system
Other congenital malformations of peripheral vascular system
Other congenital malformations of respiratory system
Other congenital malformations of skin
Other congenital malformations of skull and face bones
Other congenital malformations of spinal cord
Other congenital malformations of tongue, mouth and pharynx
Other congenital malformations of upper alimentary tract
Other congenital malformations of urinary system
Other congenital malformations, not elsewhere classified
Other congenital musculoskeletal deformities
Other osteochondrodysplasias
Other specified congenital malformation syndromes affecting multiple systems
Phakomatoses, not elsewhere classified
Polydactyly
Reduction defects of lower limb
Reduction defects of unspecified limb
Reduction defects of upper limb
Renal agenesis and other reduction defects of kidney
Spina bifida
Syndactyly
Undescended and ectopic testicle
Unknown

**Chromosomal abnormalities**

ICD-10 Q90-99
One to many
Chromosomal abnormalities of the decedent or family
Medical examiners database and next of kin interview

**Normative Answer List:**
Down syndrome
Trisomy 18 and Trisomy 13
Other trisomies and partial trisomies of the autosomes, not elsewhere classified
Monosomies and deletions from the autosomes, not elsewhere classified
Balanced rearrangements and structural markers, not elsewhere classified
Turner's syndrome
Other sex chromosome abnormalities, female phenotype, not elsewhere classified
Other sex chromosome abnormalities, male phenotype, not elsewhere classified
Other chromosome abnormalities, not elsewhere classified
No known chromosomal abnormalities
Unknown

**Dental health as an adult**
No defined standard
One to many
Oral health of the decedent as an adult
Medical examiners database and next of kin interview
SNOMED CT codes for Normative Answer List below

*Normative Answer List:*
- Dental cavities. 80967001
- Dental trauma. 397869004
- Dental abscess. 299709002
- Periodontal disease. 2556008
- Tooth loss. 25540007
- Oral cancer. 363505006
- Fungal, bacterial, or viral infection
- Healthy
- Unknown
- None

**Dental health as a Child**
No defined standard
One to many
Oral health of the decedent as a child
Next of kin interview
SNOMED CT codes for Normative Answer List below

*Normative Answer List:*
- Dental cavities. 80967001
- Dental trauma. 397869004
- Dental abscess. 299709002
- Periodontal disease. 2556008
- Tooth loss. 25540007
- Oral cancer. 363505006
- Fungal, bacterial, or viral infection
Healthy
Unknown
None

**Scoliosis**
SNOMED CT code: 298382003
One to one
Presence or absence of scoliosis in the decedent
Medical examiners database and next of kin interview

**Normative Answer List:**
- Present
- Absent
- Unknown

**History of Broken Bones**
SNOMED CT code: 125605004
One to many
Location of any broken bones during the decedent’s lifetime
Medical examiners database and next of kin interview

**Normative Answer List:**
- Arm. 182245002
- Wrist/hand. 8205005/ 85562004
- Leg. 61685007
- Ankle/foot. 344001/ 56459004
- Ribs. 113197003
- Neck. 45048000
- Spine-not neck. 421060004
- Pelvis. 12921003
- Head. 69536005
- None
- Unknown

**Facial Trauma**
No defined standard
One to many
Facial trauma that the decedent underwent at any time in their lifetime
Medical examiners database and next of kin interview

**Normative Answer List:**
- Trauma to upper face- hairline to glabella
- Trauma to middle face-glabella to anterior nasal spine
- Trauma to lower face- anterior nasal spine and below
- trauma to face, area unknown
- None
- Unknown
Plastic surgery
SNOMED CT code: 286553006
One to many
Any plastic or cosmetic surgery that the decedent had in their lifetime
Medical examiners database and next of kin interview
SNOMED CT codes for Normative Answers below

Normative Answer List:
- Cosmetic surgery- Tummy tuck. 177250006
- Cosmetic surgery- Liposuction. 302441008
- Cosmetic surgery-Face surgery. 1417002
- Cosmetic surgery-Breast surgery. 392090004
- Plastic surgery- Hand surgery. 112746006
- Plastic surgery- Reconstructive surgery. 122465003
- Plastic surgery- Trauma surgery. 310166001
- Plastic surgery-Disorders
- Plastic surgery-Congenital defect repair
- Plastic or cosmetic surgery, type unknown
  None
  Unknown

Surgical History
SNOMED CT code: 161615003
One to many
History of surgery to broad regions of the body; scapula is included with arms
Medical examiners database and next of kin interview
SNOMED CT codes of findings below

Normative Answer List:
- Arms. 182245002
- Legs. 61685007
- Head. 69536005
- Neck. 45048000
- Thorax. 51185008
- Genitals. 71934003
- No known surgeries
  Unknown

Implanted device
SNOMED CT code: 14789005
One to many
Any device implanted in the decedent
Medical examiners database and next of kin interview
SNOMED CT, and NCI codes for normative answers are below

Normative Answer List:
- Pacemaker. 14106009
- Dental implant
Prosthesis. 53350007
Nail. 773092001
Pin. 77444004
Plate
Wire. 35593004
Stent. 65818007
Shunt. 257351008
Valve
Gastric band. 470413006
Lens
Clips. 386010000
Rod
Chain. 46666003
Cochlear implant. 43252007
Microchip implant.
Birth control. NCI: C92891
Glass eyeball. 2478003
Implant, type unknown
No implant
Unknown

**History of radiation**
SNOMED CT code: 161633009
One to one
Whether or not the decedent underwent radiation therapy in their lifetime
Next of kin interview

**Normative Answer List:**
Yes
No
Unknown

**Diagnosis (non-cancer)**
Modified SNOMED CT code: 439401001
One to many
Medical Diagnoses that the decedent suffered from during their lifetime
Medical examiners database and next of kin interview

**Normative Answer List:**
Arthritis. 3723001
Asthma. 195967001
Autism spectrum. 408856003
Autoimmune diseases. 85828009
Chronic heart failure. 48447003
Cirrhosis of the liver. 19943007
COPD. 13645005
Coronary artery disease. 443502000
Dementia. 52448006
Diabetes type I. 46635009
Diabetes Type II. 44054006
Epilepsy. 84757009
Hepatitis C. 50711007
HIV/AIDS. 19030005
Hyperlipidemia. 55822004
Hypertension. 38341003
Insect borne disease. 28509004
Mental illness. 74732009
Myocardial Infarction. 22298006
Osteoporosis. 64859006
Staphylococcus aureus. 406602003
Stroke. 230690007
Non-epileptic seizures.
Schizophrenia. 191526005
Unknown
None
Other

Medications
RX Norm CUI for main ingredient.
One to many
Any medications that the decedent was taking at the time of death or found within their residence
Medical examiners database and next of kin interview

Drug/substance use
Modified from ICD-10 F10-F19
One to many
Any drugs or substances that the decedent was taking or had taken during their lifetime.
Medical examiners database and next of kin interview

Normative Answer List:
  - Opioids
  - Cannabinoids
  - Sedative hypnotics/depressants
  - Cocaine
  - Other Stimulants
  - Hallucinogens
  - Volatile solvents/inhalants
  - Other psychoactive substances
  - Drug user, type unknown
  - Unknown if used drugs
  - Did not use illegal drugs
  - Former opioids drug user
Former cannabinoids drug user
Former sedative hypnotics/depressants drug user
Former cocaine drug user
Former other stimulants drug user
Former hallucinogens drug user
Former volatile solvents/inhalants drug user
Former other psychoactive substances drug user
Former drug user, type unknown
None
Unknown

**Substance Quit date**
No defined standard
One to many
Date that the decedent quit taking the drug
Next of kin interview
XX/XX/XXXX

**Substance Usage duration**
No defined standard
One to many
Number of years that the decedent took said substance
Next of kin interview
XX

**Tobacco Type**
Modified LOINC code: 82769-1
One to many
The type of tobacco products used
Medical examiners database and next of kin interview
SNOMED CT codes given below for Normative Answers

**Normative Answer List:**
- smoke tobacco. 102407002
- chew tobacco. 81911001
- tobacco user, type unknown. 110483000
- Never used tobacco. 702979003
- Unknown if ever used tobacco. 160614008

**Tobacco usage**
LOINC code 72166-2
One to many
How often the decedent smoked at the time of death
Medical examiners database and next of kin interview
SNOMED CT Codes and definitions given below for normative answers

**Normative Answer List:**
- Current every day smoker. 449868002
  - smoked at least 100 cigs in life and everyday smoker
Current some day smoker. 428041000124106 smoked at least 100 cigs in life and some days’ smoker
Former smoker. 8517006
Never smoker. 266919005
Smoker, current status unknown. 77176002
Unknown if ever smoked. 266927001
Heavy tobacco smoker. 428071000124103 >10 per day
Light tobacco smoker. 428061000124105 <10 per day

**Drinking status**
SNOMED CT: 365967005
One to many
How often the decedent drank on a regular basis
Medical examiners database and next of kin interview
Normative answers modified from National Institute on Alcohol Abuse and Alcoholism (NIAAA)

**Normative Answer List:**
- Never drank
- Low risk
- High risk
- Previous High risk
- Drinker, current status unknown
- Unknown if ever drank

**Dietary Pattern**
SNOMED CT code: 41829006.
One to many
What type of diet the decedent had for the majority of their life
Next of kin interview
SNOMED CT codes below.

**Normative Answer List:**
- Vegan. 281015005
- Vegetarian. 765021002
- Weight reduction. 359649009
- Overeating.
- Normal. 36823005
- Eating disorder. 72366004
- Convenience food
- Unknown

**Current and Previous Occupations**
ISCO-88 sub major level.
One to many
Occupations held by the decedent in their lifetime
Medical examiners database and next of kin interview

**Normative Answer List:**
- Administrative and Commercial Managers
Agricultural, Forestry and Fishery Laborers
Armed Forces Occupations, Other Ranks
Assemblers
Building and Related Trades Workers (excluding Electricians)
Business and Administration Associate Professionals
Business and Administration Professionals
Chief Executives, Senior Officials and Legislators
Cleaners and Helpers
Commissioned Armed Forces Officers
Customer Services Clerks
Drivers and Mobile Plant Operators
Electrical and Electronic Trades Workers
Food Preparation Assistants
Food Processing, Woodworking, Garment and Other Craft and Related Trades Workers
General and Keyboard Clerks
Handicraft and Printing Workers
Health Associate Professionals
Health Professionals
Hospitality, Retail and Other Services Managers
Information and Communications Technicians
Information and Communications Technology Professionals
Laborers in Mining, Construction, Manufacturing and Transport
Legal, Social and Cultural Professionals
Legal, Social, Cultural and Related Associate Professionals
Market-oriented Skilled Agricultural Workers
Market-oriented Skilled Forestry, Fishery and Hunting Workers
Metal, Machinery and Related Trades Workers
Non-commissioned Armed Forces Officers
Numerical and Material Recording Clerks
Other Clerical Support Workers
Personal Care Workers
Personal Services Workers
Production and Specialized Services Managers
Protective Services Workers
Refuse Workers and Other Elementary Workers
Sales Workers
Science and Engineering Associate Professionals
Science and Engineering Professionals
Stationary Plant and Machine Operators
Street and Related Sales and Services Workers
Subsistence Farmers, Fishers, Hunters and Gatherers
Teaching Professionals
Duration of occupation
LOINC code: 74163-7
One to many
Number of years that the decedent was working in the occupation
Next of kin interview
XX

Repetitive activities
ICD-10 activity codes: Y93
One to many
Activities that the decedent performed on a regular basis during their life
Next of kin interview
Normative Answer List:
- aerobic and step exercise
- american flag or touch football
- american tackle football
- BASE jumping
- baseball
- basketball
- bike riding
- bowling
- boxing
- building and construction
- bungee jumping
- calisthenics
- caregiving, bathing
- caregiving, lifting
- cheerleading
- circuit training
- computer keyboarding
- cooking and baking
- cross country skiing
- dancing
- digging, shoveling and raking
- drum and other percussion instrument playing
- exercise machines primarily for cardiorespiratory conditioning
- exercise machines primarily for muscle strengthening
- food preparation and clean up
- free weights
- frisbee
- furniture building and finishing
- gardening and landscaping
- golf
grass drills
grilling and smoking food
grooming and shearing an animal
gymnastics
hand held interactive electronic device
hang gliding
horseback riding
household cleaning
ice hockey
ice skating
jumping rope
knitting and crocheting
lacrosse and field hockey
martial arts
milking an animal
mountain climbing, rock climbing and wall climbing
none
non-running track and field events
obstacle course
other
other caregiving
other interior property and clothing maintenance
other involving animal care
other involving arts and handcrafts
other involving cardiorespiratory exercise
other involving climbing, rappelling and jumping off
other involving computer technology and electronic devices
other involving cooking and grilling
other involving dancing and other rhythmic movements
other involving exterior property and land maintenance, building and construction
other involving external motion
other involving ice and snow
other involving muscle strengthening exercises
other involving other sports and athletics played as a team or group
other involving other sports and athletics played individually
other involving water and watercraft
other personal hygiene
other specified sports and athletics
personal bathing and showering
physical games generally associated with school recess, summer camp and children
piano playing
pilates
push-ups, pull-ups, sit-ups
racquet and hand sports
rappelling
refereeing a sports activity
residential relocation
roller coaster riding
roller skating (inline) and skateboarding
rough housing and horseplay
rowing, canoeing, kayaking, rafting and tubing
rugby
running
sewing
sleeping
snow (alpine) (downhill) skiing, snowboarding, sledding, tobogganing and snow tubing
soccer
springboard and platform diving
string instrument playing
surfing, windsurfing and boogie boarding
swimming
trampolining
underwater diving and snorkeling
volleyball (beach) (court)
walking an animal
walking, marching and hiking
water aerobics and water exercise
water polo
water skiing and wake boarding
winds and brass instrument playing
wrestling
yoga

History of strenuous lifting
No defined standard
One to one
Whether the decedent had a history of strenuous lifting during their lifetime
Next of kin interview
Normative Answer List:
   Yes
   No
   Unknown

Highest Education Level
LOINC code 80913-7
One to one
Highest educational level attained by the decedent
Medical examiners database and next of kin interview

**Normative Answer List:**
8th grade/less
9th-12th, no diploma
High school graduate or GED diploma
Some college credit but no degree
Associate degree
Bachelor's degree
Master's degree
Doctorate or professional degree
Unknown

**Childhood Socio-economic Status**
No defined standard
One to one
The socio-economic status of the decedent as a child
Next of kin interview

**Normative Answer List:**
Lower class
Lower middle class
Middle class
Upper middle class
Upper class
Unknown

**Adult Socio-economic Status**
No defined standard
One to one
The socio-economic status of the decedent as an adult
Next of kin interview

**Normative Answer List:**
Lower class
Lower middle class
Middle class
Upper middle class
Upper class
Unknown

**Carcinogen Exposure**
SNOMED CT: 88376000
One to many
Decedent exposure to carcinogens throughout their lifetime
Next of kin interview
List of known carcinogens from the National Toxicology Program’s 14th Report on Carcinogens for the Normative Answers; SNOMED CT codes below

**Normative Answer List:**
1-(2-Chloroethyl)-3-(4-methylcyclohexyl)-1-nitrosourea (MeCCNU)
1,3-Butadiene
1,4-Butanediol dimethylsulfonate (also known as busulfan)
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD); "dioxin"
2-Naphthylamine
4-Aminobiphenyl. 15833002
Aflatoxins
Alpha radition
Analgesic mixtures containing phenacetin
Aristolochic acids
Arsenic and inorganic arsenic compounds
Asbestos
Azathioprine. 372574004
Benzene
Benzidine
Beryllium and beryllium compounds
Bis(chloromethyl) ether and technical-grade chloromethyl methyl ether
Cadmium and cadmium compounds
Chlorambucil
Chromium hexavalent compounds
Coal tar pitches
Coal tars
Coke oven emissions
Cyclophosphamide
Cyclosporin A
Diethylstilbestrol (DES)
Dyes metabolized to benzidine
Epstein-Barr virus (EBV)
Erionite
Estrogens, steroidal
Ethylene oxide
Formaldehyde
Hepatitis B virus
Hepatitis C virus
Human immunodeficiency virus type 1 (HIV-1)
Human papilloma viruses: some genital-mucosal types
Human T-cell lymphotropic virus type 1 (HTLV-1)
Kaposi sarcoma-associated herpesvirus (KSHV) (also know as human herpesvirus 8, or HHV-8)
Melphalan
Merkel cell polyomavirus (MCV)
Methoxsalen with ultraviolet A therapy (PUVA)
Mineral oils (untreated and mildly treated)
Mustard gas
Neutrons
Nickel compounds
None
Oral tobacco products
o-Toluidine
Radon
Silica, crystalline (respirable size)
Solar radiation
Soots
Strong inorganic acid mists containing sulfuric acid
Sunlamps or sunbeds, exposure to
Tamoxifen
Thiotepa
Thorium dioxide
Tobacco smoke, environmental
Trichloroethylene (TCE)
Ultraviolet (UV) radiation, broad spectrum
Unknown
Vinyl chloride
Wood dust
X-radiation and gamma radiation
Circumstances of Death

Primary and Contributing Cause of Death
OMI data standard
One to many
The primary and contributing cause(s) of death as determined by the medical examiner
Medical examiner database
Normative Answer List:
- Acquired Immune Deficiency Syndrome (AIDS, HTLV-III, HIV, positive serology)
- Adverse reaction (allergy)
- Alzheimer’s (senility, dementia, Organic/Chronic Brain Syndrome)
- Amyotrophic lateral sclerosis
- Aneurysm (cerebral hemorrhage, Berry)
- Arthritis (degenerative joint disease, Lupus)
- Asphyxia (suffocation, strangulation)
- Aspiration (stomach contents, blood, mucus)
- Aspiration (stomach, gastric, foreign objects)
- Asthma
- Blood disorders (anemia, Hyperviscosity Syndrome, leukopenia, Myelodysplastic Syndrome, myelofibrosis, pancytopenia)
- Carbon monoxide intoxication (smoke and soot inhalation)
- Carcinoma (CA, cancer, malignancy)
- Cardiac arrhythmia
- Cerebrovascular (CVA, stroke, anoxia, hypoxia, encephalopathy, brain death, coma, cerebral palsy, multiple sclerosis, Huntington's chorea)
- Certification for record purposes only- Natural Cause of Death
- Certification for record purposes only- Outside Agency
- Child abuse
- Chronic drug abuse
- Chronic obstructive pulmonary disease (COPD)
- Congenital defect (Down, Marfan's, Arnold-Chiari, Turners, Ehlers Danlos, cystic fibrosis, muscular dystrophy)
- Consult Request Withdrawn
- Cremains
- Dehydration (hyperthermia, heat stroke)
- Diabetes
- Drowning
- Electrocution
- Emboli (thrombus, phlebitus)
- Emphysema
- Epilepsy (seizure disorder)
- Ethanol (alcohol) intoxication
Ethanolism (chronic, alcoholism, alcoholic liver)
Exposure
Exsanguination
Gallbladder (cholecystis, cholelithiasis)
Gastrointestinal hemorrhage (gastroenteritis, ulcers, diverticulitis)
Gunshot wound of
Hanging
Head and neck injuries (cervical, cranio-, cerebral)
Hepatic failure (liver, cirrhosis)
History of illness or injury
Hodgkin's disease
Hypertension (hypertensive cardiovascular disease)
Insanguination
Insufficient remains for determination of death (hands, feet, placenta)
Intrauterine fetal death (stillborn)
Leukemia
Malnutrition (cachexia, anorexia)
Maternal and fetal complications of birth
Medical treatment
Meningitis (Waterhouse-Friderichsen Syndrome)
Multiple injuries (fractures, lacerations to internal organs)
Multiple organ failure (multi-organ)
Narcotic abuse
Natural-specify
Non-human remains, animal or extraterrestrial
Obesity
Obstruction (blockage)
other
Pancreas
Parkinson's disease
Pathologic injuries
Plague
Pneumonia (bronchitis)
Prematurity
Presumably natural disease
Pulmonary edema
Renal failure (kidney, nephritis, uremia)
Respiratory Distress Syndrome (RDS, ARDS, IRDS, idiopathic pulmonary fibrosis, alveolar damage, insufficiency, Hanta viral)
Reye's Syndrome
Sepsis
Skeletal remains (ancient)
Skeletal/mummified remains
Spontaneous hemorrhage
Stab wound (slash, penetrating cut)
Subdural hematoma
Substance intoxication (drug, poison, alcohol, etc.)
Sudden Infant Death Syndrome (SIDS, crib death)
Thermal injuries (burns)
Tuberculosis
Undetermined after autopsy and/or toxicology
Undetermined-specify
Unnatural-specify

**Manner of Death Categories**
OMI data standard
One to one
The manner of death category as determined by the medical examiner
Medical examiner database

*Normative Answer List:*
Accident
Homicides
Natural
Other
Suicides
Undetermined

**Manner of Death**
OMI data standard
One to one
The manner of death as determined by the medical examiner
Medical examiner database

*Normative Answer List:*
"Natural" ASCVD/COPD/Seizure disorder
Accidental discharge of (handgun, rifle, shotgun, (other firearm type))
Accidental ligature strangulation (This applies to autoerotic strangulation or leaning into poseys or other restraints)
Accident-specify (To be used when none of the other categories will s--Discuss exact wording with the Medical Investigator)
Asphyxia/airway obstruction/suffocation
Assaulted with/by
Beaten by assailant(s)
Bitten/mauled/stung/kicked by (bee, dog, snake, horse, (name agent))
Blunt trauma/multiple injuries/subdural hematoma
Burned self with
Certification for record purposes only
Choked on (bolus of food, toy (identify item)) - (this is used when a foreign object is lodged in the airway)
Consult Request Withdrawn

Contacted electrical current via (outlet, telephone lines, ungrounded chain saw, (identify source of current))

Cremains

Crushed/suffocated by (car falling from jack, plastic bag over head, (identify mechanism))

Cut self with (knife, chainsaw, razor blade, (name agent))

Cyclist (explain circumstances briefly, e.g., left roadway and struck tree; overturned in roadway, etc.)

Cyclist struck by (auto, pickup, truck, minivan, (other motor vehicle)

Driver of (auto, pickup, truck, minivan, (other motor vehicle) struck by train

Driver of auto in collision with (auto, pickup, truck, minivan, ATV, motorcycle, (other motor vehicle type))

Driver of auto in collision with (tree, embankment, rock, wall, (other fixed object))

Driver of auto that left roadway (and overturned and/or became pinned underneath or in auto)

Driver of motor vehicle

Driver of motorcycle (explain circumstances briefly, e.g. left roadway and struck tree, overturned in roadway, etc.)

Driver of motorcycle in collision with (auto, pickup, truck, minivan, ATV, motorcycle, (other motor vehicle type))

Driver of pickup in collision with (tree, embankment, rock, wall, (other fixed object))

Driver of pickup in collision with (auto, pickup, truck, minivan, ATV, motorcycle, (other motor vehicle type))

Driver of pickup that left roadway (and overturned and/or became pinned underneath or in auto)

Driver of truck in collision with (auto, pickup, truck, minivan, ATV, motorcycle; (other motor vehicle type))

Driver of truck that left roadway (and overturned and/or became pinned underneath or in truck)

Driver/passenger motor vehicle

Drowned in (tub, arroyo, pool, (this includes all non-recreational water accidents)

Drowned self in

Drowned while swimming (this includes recreational swimming and rescue attempts)

Drowning

Explosion/Victim of fire

Exposure

Fall from (chair, table, mesa, cliff, (identify origin of fall) and approximate distance of fall in feet)

Fall from height/same height

Fall from standing height

Farm or Industrial machinery accident, e.g., "Crushed in bailer"; "Fell into packaging machine"

Fell/thrown from (horse, brahma bull, (specify other riding animal))

Gunshot wound

Hanged self with

Hanged/strangled

Homicide-specify

Ingested alcohol (ethanol) -Accident

Ingested alcohol- Unknown
Ingested and/or injected illicit drug(s) - (in combination with ethanol)-Accident
Ingested and/or injected prescription medications-Accident
Ingested, injected or inhaled non-prescription medication (illicit, volatiles)-Suicide
Ingested/injected medication-Unknown
Ingested/injected/inhaled drugs/poisons-Homicide
Ingested/injected/inhaled illicit drug or volatile-Unknown
Inhaled (Name' of product/Name of toxic agent), e.g., (Paint/Toluene) - (toxic substances abused to achieve intoxication)
Inhaled (Name of product; Name of toxic agent), e.g., (carbon monoxide in enclosed garage), (toxic substances inhaled accidentally)
Inhaled (via ___) /
Inhaled fumes/auto exhaust
Insufficient remains for determination of death
Jumped from
Medical treatment - (This includes deaths accidentally caused by therapy)
Motor vehicle accident, etiology unknown
Narcotic abuse
Natural
Neglect/Starvation
Non-collision motor vehicle accident, (no collision)
Non-human remains, animal or extraterrestrial
Other
Passenger in (airplane, balloon, hang glider, (other aircraft type) that crashed) - (Also parachutist)
Passenger in (auto, pickup, truck, minivan, (other motor vehicle type), struck by train
Passenger in auto in collision with (auto, pickup, truck, minivan, ATV, motorcycle, (other motor vehicle type))
Passenger in auto in collision with (tree, embankment, rock, wall, (other fixed object))
Passenger in auto that left roadway (and overturned and/or became pinned underneath or in auto)
Passenger in pickup in collision with (tree, embankment, rock, wall, (other fixed object))
Passenger in pickup in. collision with (auto, pickup, truck, minivan, ATV, motorcycle, (other motor vehicle type))
Passenger in pickup that left roadway (and overturned and/or became pinned underneath or in auto)
Passenger in truck in collision with (auto, pickup, truck, minivan, ATV, motorcycle; (other motor vehicle type))
Passenger in truck in collision with (tree, embankment, rock, wall; (other fixed object))
Passenger in truck that left roadway (and overturned and/or became pinned underneath or in truck)
Passenger on motorcycle (explain circumstances briefly, e.g. left roadway and struck tree, overturned in roadway, etc.)
Passenger on motorcycle in collision with (auto, pickup, truck, minivan, ATV, motorcycle, (other motor vehicle type))
Passenger who fell from moving (auto, pickup, truck, minivan (other motor vehicle type))
Pedestrian homicide (ie, struck with auto by assailant(s))
Pedestrian struck by (auto, pickup, truck, train, (other motor vehicle type))
Pedestrian struck by (bicycle, (other non-motor vehicle))
Pedestrian
Pilot of (airplane, balloon, hang glider, (other aircraft type) that crashed)
Poisoned
Poisoned by (name agent) - (This includes excessive consumption or improper use of product leading to poisoning not otherwise considered)
Received blow/collided with
Remained outdoors exposed to (cold, heat) - ((while intoxicated))
Scalded by (hot water, hot oil, (name agent))
Shot by assailant(s) with firearm (specify type, if known)
Shot self with firearm
Skeletal remains (ancient)
Skeletal, mummified or decomposed remains
Slashed ___ with ___
Stab/incised wounds
Stabbed by assailant(s)
Stabbed self with ____
Stillbirth, No Manner Determined
Stillborn/live birth/fetus
Strangled by assailant(s)/Suff
Struck by flying/falling (rock, tree, post, (identify moving object))
Struck by lightning
Suffocated self with
Suicide as pedestrian
Suicide-specify
Undetermined after autopsy and/or toxicology
Undetermined-specify
Victim of (car bomb, letter bomb, (type of device)) explosion
Victim of (house, car, trailer, open range, (other site)) fire
Victim of drowning
Victim of intentionally set fire

Method for Identification
OMI data standard
One to one
The method that was used to identify the decedent
Medical examiner database

Normative Answer List:
Fingerprint
Visual
ID card/driver's license
Photo
Dental
Circumstantial evidence
X-ray comparison
Medical device
DNA
Not Identified
Unknown

**Current bone density**
SNOMED CT code: 385342005
One to one
The bone density value of the decedent
Not currently obtained
XX

**City of Death**
No defined standard
One to one
City decedent was in at the time of death
Medical examiner database

**County of Death**
No defined standard
One to one
County decedent was in at the time of death
Medical examiner database

**Normative Answer List:**
- Bernalillo
- Catron
- Chaves
- Cibola
- Colfax
- Curry
- De Baca
- Dona Ana
- Eddy
- Grant
- Guadalupe
- Harding
- Hidalgo
- Lea
- Lincoln
- Los Alamos
- Luna
- McKinley
- Mora
- Otero
Quay
Rio Arriba
Roosevelt
Sandoval
San Juan
San Miguel
Santa Fe
Sierra
Socorro
Taos
Torrance
Union
Valencia
Apache (AZ)
Coconino (AZ)
Navajo (AZ)
Yavapai (AZ)

**Cadaver Conditions**
No defined standard
One to one
Condition of the decedent when found and reported to authorities
Medical examiner database

**Normative Answer List:**
Buried
Burn
Open air
Indoors
Vehicle
Water
Other
Unknown

**Cadaver Length**
Modified LOINC Code: 3137-7
One to one
Length of the prone decedent at death in cm
Medical examiner database
XX

**Cadaver weight**
Modified LOINC code: 3141-9
One to one
Weight of the decedent at death in kg
Medical examiner database
**CT scanner Protocol**
OMI data standard
One to one
The scanning protocol undertaken at the OMI
Determined by CT technologist

*Normative Answer List:*
- OMI adult protocol
- OMI decomposed protocol
- OMI partial protocol
- OMI pediatric protocol
- Unknown

**Decomposition Score**
OMI data standard
One to one
The level of decomposition in the decedent at the time of scan
Determined by CT technologist

*Normative Answer List:*
- No decomposition
- Mild Decomposition
- Moderate decomposition
- Advanced decomposition

**Time delay for CT scan**
No defined standard
One to one
Time in hours between death and CT scan
Medical examiner database
XX