



# NEW JERSEY STATE CANCER REGISTRY PROGRAM MANUAL Instructions for Health Care Facilities 2025

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# INTRODUCTION TO THE NEW JERSEY STATE CANCER REGISTRY

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The New Jersey State Cancer Registry (NJSCR) is a population-based registry and includes all cancer cases diagnosed in New Jersey residents since October 1, 1978. The NJSCR serves the entire State of New Jersey, which includes a population of approximately 9.3 million people.

The purpose of the NJSCR is to track cancer in New Jersey supporting efforts to promote the following activities: scientific research; public and professional education programs; and planning and implementation of cancer control and prevention activities. The NJSCR strives to improve the quality and enhance the usefulness of its data.

The NJSCR was established by legislation (NJSA 26:2-104 et. seq.) in 1977 in response to concern that New Jersey was suffering from the highest cancer incidence and mortality rates in the country. New Jersey regulations require the reporting of all newly diagnosed cancer cases to the NJSCR within six months of the date of first contact. All primary malignant and in situ neoplasms are reportable to the NJSCR, except carcinoma in situ of the cervix (since 1995) and basal and squamous cell carcinoma of the skin. Benign and borderline intracranial and central nervous system tumors are reportable if diagnosed January 1, 2004 and later. Hospitals, physicians, dentists, ambulatory care facilities, radiation facilities, independent laboratories, and any other facility that diagnoses and/or treats cancer patients also file reports with the NJSCR. In addition, reporting agreements are maintained with other states so that New Jersey residents diagnosed in facilities out of state are identified.

The information collected by the NJSCR includes demographic characteristics of the patient, medical information about each cancer such as primary site, histologic type, stage and cancer-directed treatment information. The vital status of each patient is followed annually until death. The cause of death is also incorporated into the data set if the information is available.

The NJSCR participates in the National Program of Cancer Registries (NPCR), established by the Centers for Disease Control and Prevention (CDC) in 1992 by the Federal Cancer Registries Amendment Act (Public Law 102-515). NPCR promotes statewide, population-based registries to collect uniform data elements in a standardized format. The NJSCR is also a member of the North American Association of Central Cancer Registries (NAACCR). NAACCR is a professional organization that develops and promotes uniform data standards for cancer registration; provides education and training; certifies population-based registries; and publishes data from central cancer registries. The NJSCR is also a member of the International Association of Cancer Registries (IACR), a professional society dedicated to fostering the aims and activities of cancer registries worldwide.

The New Jersey State Cancer Registry (NJSCR), under the direction of the State Department of Health in partnership with Rutgers Cancer Institute of New Jersey, was awarded a seven-year contract from the National Cancer Institute (NCI) in 2021 to support core infrastructure and research activities as part of the Surveillance, Epidemiology, and End Results (SEER) Program.

The SEER Program is considered the most authoritative source of information on cancer incidence and survival in the United States, collecting data accounting for the diverse demographics covering approximately 48% of the US population. The NJSCR is one of 31 population-based CORE registries as well as 20 SEER Research Support registries in the country that are part of the SEER Program (<https://seer.cancer.gov/registries/list.html>). SEER is supported by the Surveillance Research Program (SRP) in NCI's Division of Cancer Control and Population Sciences (DCCPS). SRP provides national leadership in the science of cancer surveillance as well as analytical tools and methodological expertise in collecting, analyzing, interpreting, and disseminating reliable population-based statistics. NJSCR partners with SEER on several quality improvement and research initiatives and is an important source of information, widely used by health care providers, public health officials and administrators, and researchers.

The NJSCR reviews and evaluates the quality of the data it collects through edit programs and re-abstracting studies and strives to improve data collection activities through targeted training programs. The NJSCR has been awarded the NAACCR Gold Standard, the highest standard possible. The criteria used to judge the quality of the data are timeliness, completeness of cancer case ascertainment, completeness of specific information on the cancer cases, percent of death certificate only cases, percent of duplicate cases, in addition to passing the data through a stringent edit program.

# SECTION I: GENERAL INSTRUCTIONS AND CASE ELIGIBILITY

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## CONFIDENTIALITY

The New Jersey Cancer Registry Statute N.J.S.A.26:2-107 stipulates that reports of individual patients made to the NJSCR are held in the strictest confidence. Reports made pursuant to this act are used only by the State Department of Health and such other agencies as designated by the Commissioner of Health. N.J.S.A.26:2-108 stipulates that no individual or organization providing information to the State Department of Health in accordance with this act shall be held liable for divulging confidential information. **Please note:** reporting information about cases of cancer in accordance with the NJSCR authorizing statute and regulations *is permitted* by the Health Insurance Portability and Accountability Act. The privacy rule contains a specific provision authorizing covered entities to disclose protected health information as required by law. Public health reporting under the authority of State law is specifically exempt from the Privacy Rule regulations 45CFR154.512(b)(1)(i). A copy of the Cancer Reporting Statute, Regulations and Reportable List can be found on the NJSCR Website at <https://www.nj.gov/health/ces/reporting-entities/njskr/>.

## REPORTING FACILITY CONTACT INFORMATION

Communication between NJSCR and reporting facilities is important. The NJSCR makes every attempt to maintain accurate and up-to-date contact information for key personnel within the reporting facility. If the contact information for the facility changes, registries should complete the Health Care Facility Contact Information form ([Appendix A](#)) and fax it to NJSCR at 609-633-7509.

## GENERAL REQUIREMENTS FOR REPORTING TO THE NEW JERSEY STATE CANCER REGISTRY (NJSCR)

The New Jersey State Cancer Registry Program Manual 2025 contains coding instructions for all cases diagnosed January 1, 2025 and later. Documentation and codes for historical items can be found in archived versions of New Jersey State Cancer Registry Manual.

Registrars and reporting facilities should refer to [Appendix B](#) for a full list of manuals required for collecting and submitting data.

A case *must* be reported to the NJSCR if it is **diagnosed on or after October 1, 1978**.

## WHAT CANCER SHOULD BE REPORTED TO THE NJSCR?

Use the following rules when determining reportability:

### Invasive and In Situ Conditions

All in situ or invasive neoplasms that have behavior codes “/2” or “/3” in the [ICD-O-3.2](#) manual **must be reported**.

*Note: The data collection standards of NJSCR may differ from those of the Commission on Cancer. In the case of a conflict, NJ health care facilities must follow NJSCR rules.*

**Exclusions:** The following conditions are not required to be reported:

- Carcinoma in situ (any/2) and CIN III of the cervix (C53.0-C53.9) (cases diagnosed after April 1, 1995)
- Benign and borderline neoplasms of the ovary
- Prostatic intraepithelial neoplasia (PIN III) of the prostate (C619).
- Basal and squamous cell carcinomas of the skin (C44.0-C44.9)

**Note:** Effective 1/1/2023, Placental site trophoblastic tumor of testis, Behavior change from /1 to /3. Reportable for cases DX 1/1/2024 forward-Testis ONLY.

**Note:** Effective 1/1/2023 Lymphangioleiomyomatosis, Behavior code change from /1 to /3. Reportable for cases diagnosed 1/1/2023 and forward.

**Note:** Effective 1/1/2025 Post Transplant Lymphoproliferative Disorder (PTLD) 9971/1 is reportable as 997.

### ***Benign and Borderline Conditions***

Benign and **borderline** primary **intracranial** and **CNS** tumors with a behavior code of “/0” or “/1” in ICD-O-3 **must be reported** beginning with cases diagnosed 1/1/2004 and later.

- **Note:** Benign and borderline tumors of the cranial bones (C410) are **not reportable**.

**Certain benign and borderline conditions of other sites are reportable.** Refer to the reportable list in [Appendix D](#) or on the NJSCR website <https://www.nj.gov/health/ces/reporting-entities/njscr/> for a list of these conditions.

### ***Inpatient/Outpatient***

All cancer patients diagnosed or treated in **every New Jersey health care facility, clinical laboratory, physician, dentist, and other health care provider** must be reported including patients receiving **transient care**.

### ***Residency***

New Jersey **residents** and **non-residents** must be reported, including residents of foreign countries.

### ***Cancer Diagnosed on Autopsy***

Cases diagnosed at **autopsy** and patients dead on arrival (DOA) with a cancer diagnosis **must be reported**.

### ***In Utero Diagnoses***

Diagnoses made in utero (prior to birth) are reportable only when the pregnancy results in a live birth. In the absence of documentation of stillbirth, abortion or fetal death, assume there was a live birth and report the case.

### ***Analytic/Non-Analytic Cases***

Both analytic and non-analytic cases with active disease are required to be reported to the NJSCR. Registrars are responsible for including all required data items in the abstract, regardless of class of case.

Patients diagnosed elsewhere and admitted for additional work-up and/or treatment, cancer-directed or non cancer-directed **must be reported**.

Patients with a **clinical diagnosis** of cancer which was based on clinical judgment only **must be reported**.

Patients with a history of cancer with active disease **must be reported**.

**Consult-only cases are reportable.** A consult may be done to confirm a diagnosis or treatment plan.

Private outpatient specimens are reportable. Generally, these specimens are submitted from a physician's office to be read by the hospital pathologist and the patient is not registered as an inpatient or outpatient at the hospital.

**Slide reviews** are *encouraged* to be reported but are not required. Slide review cases are slides that have been sent to your hospital's pathologist for an opinion. Please do not confuse these with private outpatient or consult-only cases.

### ***Multiple Primaries***

If more than one primary cancer is diagnosed in a patient, based on the applicable Multiple Primary and Histology Coding Rules, Solid Tumor Rules, or Hematopoietic and Lymphoid Neoplasm Coding Manual (<https://seer.cancer.gov/registrars/guidelines.html>), **a separate report must be submitted for each primary.**

### ***Ambiguous Terminology***

For information on Ambiguous Terminology, refer to the SEER Program Coding and Staging Manual (<https://seer.cancer.gov/registrars/guidelines.html>).

## **WHEN TO REPORT TO THE NJSCR**

Every New Jersey health care facility, physician, dentist, other health care provider, and clinical laboratory shall submit all case reports within six months of the date of first contact with the patient for the reportable condition as defined by the NAACCR Data Standards for Cancer Registries--Data Standards and Data Dictionary. **NJSCR recommends reporting cases *at least once a month* to ensure a regularly scheduled submission and a continual flow of data.**

A health care facility that fails to report cases of cancer as required by regulation, within six months of the confirmed diagnosis shall be liable to pay a penalty as stated in N.J.S.A. 26:2-106.

## **HOW TO REPORT TO THE NJSCR**

A separate cancer registry abstract must be completed for **each** reportable case of malignancy, as well as certain benign and borderline conditions. All abstracts from health care facilities must be submitted electronically in the latest NAACCR record layout. See Section IV: Instructions for Electronic Transmissions for detailed information on submitting to the NJSCR. A health care facility that fails to report cases of cancer electronically, as required by regulation, shall be liable to pay a penalty as stated in N.J.S.A. 26:2-106.

Cancer registry software is available free of charge for reporting cancer cases to the NJSCR electronically. NJSCR staff will assist in the installation of this software and provide training. Cancer registry software can be run on a free-standing computer, network or via the Internet. Available software is user-friendly and can assist your practice to meet your cancer reporting requirements. To obtain this software, please contact the NJSCR at 609-633-0500.



## WHO REPORTS TO THE NJSCR

Health care facilities, physicians, dentists, clinical laboratories, ambulatory care facilities and other health care providers that diagnose or provide treatment for cancer patients must report cancer cases to the NJSCR.

When the distinction between a free-standing facility and hospital-based department cannot be made, such as a radiation therapy group practice versus a hospital unit, the ownership of the medical record should be used to determine who is responsible for reporting the case.

All abstracting work performed by a health care facility which diagnoses or treats 100 or more cases per year must be abstracted by an Oncology Data Specialist (ODS-C) who is certified by the National Cancer Registrars Association's Council on Certification. For more information on certification, visit [www.ncra-usa.org](http://www.ncra-usa.org).

## METHODS OF REPORTING CHANGES, UPDATES, DELETIONS, AND FOLLOW-UPS TO THE NJSCR

Requirements for resubmitting cases depends on patient age at diagnosis and year of diagnosis. All changes and updates must be resubmitted electronically. Hospital registrars should contact their software vendors for information on creating NAACCR Modified records. A full list of NAACCR Modified triggers can be found on the NJSCR website.

*Cases diagnosed 2015 to present and age at diagnosis is 20 or older-* submit changes to demographic information, diagnosis, staging, or treatment in NAACCR Modified abstract format. This will include any changes to data that appears on the NAACCR Modified trigger list.

*Cases diagnosed 2000 to present and age at diagnosis is 19 or younger-* submit changes to demographic information, diagnosis, staging, or treatment in NAACCR Modified abstract format. This will include any changes to data that appears on the NAACCR Modified trigger list, **plus** changes made to Date of Last Contact, Recurrence, and Vital Status.

It is important that you notify the NJSCR of any changes in your software so that the NJSCR can maintain an up-to-date registry.

## METHODS TO RECEIVE FOLLOW-UP INFORMATION FROM THE NJSCR

Twice each year, in June and December, the NJSCR can provide hospitals with vital status and dates of last follow-up on cases submitted by their own facilities. Refer to [Section VII: Requesting Follow-up Information](#) for more information.

***The NJSCR  
requires the  
submission of  
text information  
to validate coded  
data items***

### NJSCR GUIDELINES FOR THE SUBMISSION OF TEXT INFORMATION

The NJSCR requires the submission of text information to validate coded data items. Text is used for quality control purposes to justify codes for various data items. Text is also used to identify errors, determine multiple primaries, and resolve discrepancies in data submitted on the same patient by multiple facilities. Refer to [Section III: Documenting Text](#) for detailed information of the submission of text to NJSCR.

## CASE ASCERTAINMENT

Case ascertainment (casefinding) is the system used to identify patients with reportable neoplasms. Casefinding involves thorough, systematic monitoring of records maintained by various departments throughout the hospital. Multiple sources must be used to ensure complete reporting of all cases.

Case ascertainment sources include, but are not limited to:

- Admission and discharge documents
- Disease indices/discharge diagnosis lists
- Surgery schedules/logs
- Pathology and Cytology reports
- Hematology reports
- Autopsy reports
- Outpatient medical records/logs, including Radiation Oncology and Medical Oncology logs
- Radiology/Nuclear medicine documents
- Billing data

Records from all casefinding sources should be screened for reportable diagnoses using the appropriate ICD casefinding list. ICD-10-CM and previous versions of the ICD casefinding list are available at <http://seer.cancer.gov/tools/casefinding/>.

## **RECORD REQUESTS**

The NJSCR may request access to information from the facility medical record for IRB-approved studies or for quality assurance purposes. The NJSCR will contact the hospital cancer registry to make arrangements for obtaining the necessary information. Per N.J.A.C. 8:57A-1.10, access to records must be given through secure, electronic remote means where available.

## **RAPID CASE ASCERTAINMENT**

**Rapid Case Ascertainment (RCA)** for the New Jersey State Cancer Registry (NJSCR) is a proactive and expedited process of identifying and collecting cancer cases shortly after diagnosis or treatment. Unlike routine case reporting, which may follow standard timelines, RCA is designed to provide timely data to support urgent research studies or public health initiatives. This approach involves close collaboration with hospitals, pathology laboratories, and oncology practices to ensure that critical information, such as patient demographics, tumor characteristics, and initial treatment plans, is reported promptly. RCA allows NJSCR to provide near real-time data to researchers and public health officials, facilitating timely interventions and advancing the understanding of cancer outcomes in New Jersey.

## SECTION II: CODING INSTRUCTIONS

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The following section includes coding instructions for selected data elements that are in addition to instructions in the manuals listed in Appendix B. The NJSCR Program Manual is not intended to be a comprehensive coding manual, but instead highlight instructions of specific importance to the NJSCR. Refer to the current SEER Program Coding and Staging Manual for detailed instructions on coding each data element. The NJSCR Program Manual is intended to supplement, not replace, the SEER Manual.

Refer to [Appendix D](#) for a complete list of data items required to be submitted to the NJSCR.

## Demographics

### *Social Security Number*

The Social Security number is an important patient identifier. It allows the NJSCR to identify duplicate records and to match records from multiple reporting sources on the same patient. Record the Social Security number as it is reported in the medical record. Social Security number may be found in separate data sources such as the hospital billing system. Registrars should make every effort to obtain the patient's Social Security number.

If the medical record contains only a partial Social Security number (i.e., last 4 digits), record them with the remaining digits coded as 9's or leave blank depending on what the registry software allows.

If a Social Security number is not available in any part of the medical record, including hospital billing system, code the Social Security number using 9's. You must also document the reason for no Social Security number in the abstract text. In the Remarks section of the abstract text, write "No SSN" followed by the reason, e.g. "No SSN-patient refused". Acceptable reasons for no Social Security number include "patient refused," "undocumented resident," and "foreign resident." "Not available" is not an acceptable reason.

### *Date of Birth*

If an exact date of birth is not available, estimate the year of birth using any available information about the patient (i.e., current age). Estimating a year of birth is preferable to using 9999. Document in the text of the abstract that the year of birth is an estimate, including any information you used in the estimation.

### Birthplace Requirements

#### *Birthplace*

**Unknown Birthplace-State and Birthplace-Country** must be minimized by utilizing all resources available to collect information. Birthplace data is often missing, which can hinder analysis of cancer disparities. For example, in one study, 46% of Hispanic cancer cases had an unrecorded birthplace.

### *Race*

Code race according to instructions in the [SEER Program Coding and Staging Manual](#) (Page 83-86). **Sources in priority order:**

- The patient's self-declared identification
- Documentation in the medical record
- Death certificate
- Any other available sources

Race is independent of ethnicity or Spanish origin. Do not code 98 (Other race) for a patient of Spanish ethnicity. **Code 01 (White) when there is a statement that the patient is Hispanic or Latino(a) and no further information is available.**

If race is unknown or not documented in the patient record and no other information is available, nationality may be used to code race. Refer to the [SEER Program Manual Appendix D](#).

**Note: (Central Registry staff only) Do not change race coding based on results from IHS linkage.**

**Note: Do not use patient photographs or images from social media to code race.**

**Note: Do not use patient name as the basis for coding race.**

**Note: List all races for the patient in the priority order. See "Priorities for Coding Multiple Races". Pg 83.**

### *Spanish/Hispanic Origin (Ethnicity)*

Coding Spanish/Hispanic Origin is **not** dependent on race. A person of Spanish descent may be white, black, or any other race.

Use all information to determine the Spanish/Hispanic Origin, including:

- The ethnicity stated in the medical record
- Hispanic origin stated on the death certificate
- Birthplace
- Information about life history and/or language spoken
- A last name or maiden name found on a list of Hispanic/Spanish names

When there is no written or verbal indication of Spanish origin, the patient declined to answer their Spanish origin, or the patient does not know their Spanish origin assign code 9. Refer to [Appendix F](#) for a list of Hispanic surnames.

### *Usual Occupation*

Record the patient's usual occupation regardless of whether the patient is currently employed or retired. Usual occupation refers to the type of job the individual performed during most of his/her working life. If the patient was a housewife/house husband and did **NOT** work outside the home for most of her/his adult life, record housewife or house husband. If the patient is a student and has never been employed, record as "never worked." If no information is available record "unknown." This data item applies only to patients who are 14 years or older at the time of diagnosis.

**Note:** Please refer to the CDC's publication A Cancer Registrar's Guide to Collecting Industry and Occupation, available at <https://www.cdc.gov/niosh/docs/2011-173/pdfs/2011-173.pdf>.

### *Usual Industry*

Record the type of activity carried on by the business/industry where the patient was employed for the longest time before diagnosis of this tumor (e.g., school, auto repair, food preparation). Try to distinguish among "manufacturing," "wholesale," "retail," and "service." If type of industry is unknown, record the name of company. If no information is available, code as unknown. **Do not record retired.**

**Note:** Please refer to the CDC's publication A Cancer Registrar's Guide to Collecting Industry and Occupation, available at <https://www.cdc.gov/niosh/docs/2011-173/pdfs/2011-173.pdf>.

### *Tobacco Use Smoking Status*

Tobacco Use Smoking Status (NAACCR Item #344), effective 01/01/2022, captures the patient's past or current use of tobacco (cigarette, cigar and/or pipe). Tobacco smoking history can be obtained from sections such as the Nursing Interview Guide, Flow Chart, Vital Stats or Nursing Assessment section, or other available sources from the patient's hospital medical record or physician office record. The information recorded in this data item is not comparable to the information previously collected under the CDC Comparative Effectiveness Research (CER) and Patient Centered Outcomes Research (PCOR) projects.

### *Address at Diagnosis*

Record the patient's residence when the tumor was first diagnosed. It should be noted the patient's address at diagnosis may be different than the patient's current address. The address should be the residence, not the mailing address. If the patient has multiple tumors, the address at diagnosis may be different for each subsequent primary. If the address is unknown, record UNKNOWN. **All cases seen at your facility that meet reporting eligibility are required to be reported to the NJSCR, regardless of residence at diagnosis.**

#### ***Special Notes About Address:***

In general, use the address of the location where a person lives and sleeps **most** of the time, or the place the person says is his or her usual home. Please note that a patient's citizenship has no bearing on residency rules.

- A patient originally diagnosed in a foreign country may come to the United States for a second opinion and/or treatment. If possible, the patient's home address should be recorded. Do not record a temporary NJ residence, such as a friend's or relative's address.
- Use a street address if available when a P.O. Box is given. Post Office Box is not a reliable source to identify the residency at diagnosis; it does not provide accurate geographical information for analyzing cancer incidence.
- Homeless people and transients are examples of persons with no usual residence. Code the patient's residence at the time of diagnosis such as the shelter or the hospital where the diagnosis was confirmed.
- For "snowbirds", code the residence where the patient spends the majority of time (usual residence). If the usual residence is not known or the information is not available, code the residence the patient specifies at the time of diagnosis.
- For armed forces military personnel and their family members, code the address of the military installation or surrounding community as stated by the patient.
- For personnel assigned to Navy, Coast Guard, and Maritime Ships, the U.S. Census Bureau has detailed rules for determining residency. Refer to [www.census.gov](http://www.census.gov) for detailed rules.
- Code the place of usual residence rather than the temporary address for:
  - Migrant workers
  - Educators temporarily assigned to a university in the area
  - Persons temporarily residing with family during cancer treatment
  - Military personnel on temporary duty assignments (TDY)
  - Boarding school students below college level (code the parent's residence)
  - Code the residence where the student is living while attending college
  - Code the address of the institution for persons in institutions
  - Exchange students temporarily living in the U.S.

## Cancer Description

### *Date of Diagnosis*

The date of diagnosis is the month, day and year the tumor was first diagnosed, clinically or microscopically, by a recognized medical practitioner. If date of diagnosis is unknown, **year of diagnosis must be known or estimated**. Fill in the month and/or day blank with 99 when they cannot be estimated or are unknown; year of diagnosis **cannot be blank or unknown**. If the year of diagnosis is unknown and cannot be estimated, use the year of first contact at your facility for the current diagnosis.

For information on Ambiguous Terminology, Laterality, etc., refer to the SEER Program Coding and Staging Manual (<https://seer.cancer.gov/tools/codingmanuals/>).

**Note:** The date of a suspicious cytology if followed by a definitive diagnosis may be used as the date of diagnosis (cases diagnosed 1/01/2022 and forward).

### *Stage at Diagnosis*

Stage at diagnosis must be reported for all cancers, where applicable. There are several staging schemas collected by NJSCR. Refer to the table below for which schemas are required by diagnosis year:

| Cases Diagnosed                 | Collaborative Stage | Summary Stage | EOD          | TNM Stage   | SSDI         |
|---------------------------------|---------------------|---------------|--------------|-------------|--------------|
| Before 1/1/2015                 | Required            | Recommended   | Not Required | Recommended | Not Required |
| Between 1/1/2015 and 12/31/15   | Required            | Required      | Not Required | Recommended | Not Required |
| Between 1/1/2016 and 12/31/2017 | Not required*       | Required      | Not Required | Required    | Not Required |
| 1/1/2018 and forward            | Not required**      | Required      | Required     | Required    | Required     |

\*Additional variables and Site-Specific Factors are required for cases diagnosed in 2016 and 2017.

\*\*Site-specific data items (SSDI) are required for cases diagnosed in 2018 and forward. A list of required SSDIs can be found at:

[https://www.nj.gov/health/ces/documents/2018NewRequiredDataItemsforHospitalsupdatedfinal\\_08.20.18.pdf](https://www.nj.gov/health/ces/documents/2018NewRequiredDataItemsforHospitalsupdatedfinal_08.20.18.pdf).

### **SSDI Change Log for 2023 items**

<https://www.naaccr.org/wp-content/uploads/2023/10/Version-3.1-Changes-for-SSDI-and-Grade-Manuals.9.19.23.pdf?v=1704981327>

### **SSDI Change Log for 2024 items**

[https://www.naaccr.org/wp-content/uploads/2024/10/Version-3.2-Changes-for-SSDI-and-Grade.FINAL\\_printed.pdf?v=1737652142](https://www.naaccr.org/wp-content/uploads/2024/10/Version-3.2-Changes-for-SSDI-and-Grade.FINAL_printed.pdf?v=1737652142)

### Other coding instructions

#### *Type of Reporting Source (NAACCR item #500)*

Code Type of Reporting Source using the following rules:

Code 1 is used for a NAACCR abstract submitted to NJSCR from a **hospital**, whether seen as an inpatient or outpatient (i.e. radiation therapy department or outpatient surgery). **Abstractors working in hospitals should always be coding a “1” for type of reporting source with the exception being of cases diagnosed at autopsy (code 6).** Lab only cases (class of case 43) reported by a hospital should also be coded as 1.

- Code 2 is used for cases submitted by **independent radiation** or **medical oncology** facilities.
- Code 3 is used for cases submitted by **independent labs**.
- Code 4 is used for cases submitted by **private physician offices**.
- Code 5 is used for cases submitted by **nursing homes** and **hospice** facilities.
- Code 6 is used for cases diagnosed at **autopsy only**.
- Code 7 is used for death certificate only cases. Code 7 is coded at the central registry only.
- Code 8 is used for cases submitted by **independent outpatient surgery centers**.

**Note: this field should not be confused with “Case Finding Source” (NAACCR item #501).** *Case finding source codes the facility’s earliest source of identifying information. Case finding source is intended to code the source that first identified the tumor.* Type of Reporting Source identifies the source documents that provided the most complete information when abstracting the case. This is not necessarily the original document that identified the case; rather, it is the source that provided the most complete information.



## SECTION III: DOCUMENTING TEXT

---

## General Instructions

The NJSCR requires the submission of text information to validate coded data items. Text is used for quality control purposes to justify codes for various data items. Text is also used to identify errors, to determine multiple primaries and to resolve discrepancies in data submitted on the same patient by multiple facilities.

All cancer registry software must include specific fields, which have been designed to record text information. These fields are transmitted to the NJSCR along with the other required data fields during the monthly electronic submission. Please refer to the table in [Appendix E](#), Table of Required Data Items, for the maximum number of characters per field. Please refer to [Appendix G](#) for a list of recommended abbreviations. Recording text information should include but not be limited to the following:

- Record text to support primary site, laterality, histology, grade, stage, and treatment codes.
- Record text to justify any unusual information about the case that could result in potential questions, e.g., record text to support unusual site/histology combinations, such as age/site combinations, gender/site combinations, name/gender combinations, pediatric age.
- Record text to clarify modifications or dates on the abstract.
- If limited information is available in the medical record about a case, utilize the text field to state that limited information was available in the medical record.
- **\*New for 2023\* Document dates as (YYYYMMDD).**

## Text Documentation Instructions

| Field                   | Length | Instructions                                                                                                                                           | Text to Include                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Text—DX Proc—PE         | 4000   | Use this field to document information from the history and physical exam.                                                                             | <ul style="list-style-type: none"><li>• Date of physical exam</li><li>• Age, sex, race/ethnicity</li><li>• History that relates to cancer diagnosis</li><li>• Primary site</li><li>• Histology (if diagnosis prior to this admission)</li><li>• Palpable lymph nodes</li><li>• Record positive and negative clinical findings. Record positive results first</li><li>• Impression (when stated and pertains to cancer diagnosis)</li></ul> |
| Text—DX Proc—X-ray/Scan | 4000   | Use this field to document information from all X-rays, scans, and/or other imaging examinations that provide information about diagnosis and staging. | <ul style="list-style-type: none"><li>• Date(s) and type(s) of X-ray/Scan(s)</li><li>• Primary site</li><li>• Histology (if given)</li><li>• Tumor location</li><li>• Tumor size</li><li>• Lymph nodes</li><li>• Record positive and negative clinical findings. Record (+) results first.</li><li>• Distant disease or metastasis</li></ul>                                                                                               |

| Field                      | Length | Instructions                                                                                                                       | Text to Include                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Text—DX Proc—<br>Scopes    | 4000   | Use this field to document information from endoscopic examinations that provide information for diagnosis, staging and treatment. | <ul style="list-style-type: none"> <li>• Date(s) of endoscopic exam(s)</li> <li>• Primary site</li> <li>• Histology (if given)</li> <li>• Tumor location</li> <li>• Tumor size</li> <li>• Record site and type of endoscopic biopsy</li> <li>• Record positive and negative clinical findings. Record(+) results first.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Text—DX Proc—<br>Lab Tests | 4000   | Use this field to document information from laboratory tests other than cytology or histopathology.                                | <ul style="list-style-type: none"> <li>• Type of lab test/tissue specimen(s)</li> <li>• Record both positive and negative findings. Record (+) test results first.</li> <li>• Information can include tumor markers, serum and urine electrophoresis, special studies, etc.</li> <li>• Date(s) of lab test(s)</li> <li>• Lab tests, tumor markers, and other prognostic factors, including, but not limited to: <ul style="list-style-type: none"> <li>○ Breast Cancer – Estrogen Receptor Assay (ERA), Progesterone Receptor Assay (PRA), Her2/neu, OncotypeDX.</li> <li>○ Prostate Cancer – Prostatic Specific Antigen (PSA)</li> <li>○ Testicular Cancer – Human Chorionic Gonadotropin (hCG), Alpha Fetoprotein (AFP), Lactate Dehydrogenase (LDH)</li> <li>○ SARS-CoV-2 testing results</li> </ul> </li> <li>• HPV status</li> </ul> |
| Text—DX Proc—<br>OP        | 4000   | Use this field to document all surgical procedures used in staging                                                                 | <ul style="list-style-type: none"> <li>• Dates and descriptions of biopsies and all other surgical procedures from which staging information was derived</li> <li>• Observations from surgery</li> <li>• Number of lymph nodes removed <ul style="list-style-type: none"> <li>○ Size of tumor removed</li> </ul> </li> <li>• Documentation of residual tumor</li> <li>• Evidence of invasion of surrounding areas</li> <li>• Reason primary site surgery could not be completed</li> </ul>                                                                                                                                                                                                                                                                                                                                                |

| Field                   | Length | Instructions                                                                                                                            | Text to Include                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Text—DX Proc—Path       | 4000   | Use this field to document information from cytology and histopathology reports                                                         | <ul style="list-style-type: none"> <li>• Date(s) of procedure(s)</li> <li>• Anatomic source of specimen</li> <li>• Type of tissue specimen(s)</li> <li>• Tumor type and grade (include all modifying adjectives, i.e., predominantly, with features of, with foci of, elements of, etc.)</li> <li>• Gross tumor size</li> <li>• Extent of tumor spread</li> <li>• Involvement of resection margins</li> <li>• Number of lymph nodes involved and examined</li> <li>• Record both positive and negative findings. Record (+) test results first.</li> <li>• Note if pathology report is a slide review or a second opinion from an outside source, i.e., AFIP, Mayo, etc.</li> <li>• Record any additional comments from the pathologist, including differential diagnoses considered and any ruled out or favored</li> </ul> |
| Text—Primary Site Title | 100    | Use this field to document information regarding the primary site and laterality of the tumor being reported.                           | <ul style="list-style-type: none"> <li>• State the specific location of the primary site, including subsite.</li> <li>• Include available information on tumor laterality</li> <li>• Source of information (i.e., path report, physician statement, etc.)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Text—Histology Title    | 100    | Use this field to document information regarding the histologic type, behavior and grade (differentiation) of the tumor being reported. | <ul style="list-style-type: none"> <li>• Information on histologic type and behavior</li> <li>• Information on differentiation from scoring systems such as Gleason's Score, Bloom-Richardson Grade, etc.</li> <li>• Source of information (i.e., path report, physician</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Text—Staging            | 4000   | Use this field to document information used for staging.                                                                                | <ul style="list-style-type: none"> <li>• Date(s) of procedure(s), including clinical procedures, that provided information for assigning stage</li> <li>• Justification of clinical and pathologic staging and SSDIs, including: <ul style="list-style-type: none"> <li>○ Organs involved by direct extension</li> <li>○ Size of tumor</li> <li>○ Status of margins</li> <li>○ Number and sites of positive lymph nodes</li> <li>○ Site(s) of distant metastasis</li> <li>○ Physician statement regarding stage</li> </ul> </li> <li>• Physician's specialty and comments</li> </ul>                                                                                                                                                                                                                                         |

| Field                     | Length | Instructions                                                                                          | Text to Include                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|--------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RX Text—Surgery           | 4000   | Use this field to document information regarding surgical treatment.                                  | <ul style="list-style-type: none"> <li>• Date of each procedure</li> <li>• Name of physician performing procedure</li> <li>• Type(s) of surgical procedure(s), including excisional biopsies and surgery to other and distant sites</li> <li>• Lymph nodes removed</li> <li>• Regional tissues removed</li> <li>• Metastatic sites</li> <li>• Facility where each procedure was performed</li> <li>• Record positive and negative findings. Record positive findings first <ul style="list-style-type: none"> <li>○ Other treatment information, e.g., planned procedure aborted; unknown if surgery performed</li> </ul> </li> </ul>                                                              |
| RX Text—Radiation (beam)  | 4000   | Use this field to document information regarding treatment using beam radiation.                      | <ul style="list-style-type: none"> <li>• Date radiation treatment began</li> <li>• Where treatment was given, e.g., at this facility, at another facility</li> <li>• Name of radiation oncologist.</li> <li>• Include treatment volume, modality, technique, phase, doses; for detailed information refer to <i>CTR Guide to Coding Radiation Therapy</i>:<br/> <a href="https://www.facs.org/media/1b1n10tj/case-studies-for-coding-radiation-treatment-v4-0.pdf">https://www.facs.org/media/1b1n10tj/case-studies-for-coding-radiation-treatment-v4-0.pdf</a> </li> <li>• Other treatment information, e.g., patient discontinued after 5 treatments; unknown if radiation was given.</li> </ul> |
| RX Text—Radiation (other) | 4000   | Use this field to document information regarding treatment using radiation other than beam radiation. | <ul style="list-style-type: none"> <li>• Date treatment was started</li> <li>• Name of radiation oncologist</li> <li>• Where treatment was given, e.g., at this facility, at another facility</li> <li>• Type(s) of non-beam radiation, e.g., High Dose rate brachytherapy, seed implant, Radioisotopes (I-131)</li> <li>• Other treatment information, e.g., unknown if radiation was given</li> </ul>                                                                                                                                                                                                                                                                                            |

| Field           | Length | Instructions                                                                                                                                                                                                                                              | Text to Include                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RX Text—Chemo   | 4000   | Use this field to document information regarding treatment using chemotherapy.                                                                                                                                                                            | <ul style="list-style-type: none"> <li>• Date chemotherapy began</li> <li>• Name of physician providing treatment</li> <li>• Where treatment was given, e.g., at this facility, at another facility</li> <li>• Type of chemotherapy, e.g., name of agent(s) or protocol</li> <li>• Other treatment information, e.g., treatment cycle incomplete, unknown if chemotherapy was given</li> </ul>                                                             |
| RX Text—Hormone | 4000   | Use this field to document information regarding treatment using hormonal treatment.                                                                                                                                                                      | <ul style="list-style-type: none"> <li>• Date treatment was started</li> <li>• Name of physician providing treatment</li> <li>• Where treatment was given, e.g., at this facility, at another facility</li> <li>• Type of hormone or antihormone, e.g., Tamoxifen</li> <li>• Type of endocrine surgery or radiation, e.g., orchiectomy</li> <li>• Other treatment information, e.g., treatment cycle incomplete; unknown if hormones were given</li> </ul> |
| RX Text—BRM     | 4000   | Use this field to document information regarding treatment using biological response modifiers or immunotherapy.                                                                                                                                          | <ul style="list-style-type: none"> <li>• Date treatment began</li> <li>• Name of physician providing treatment</li> <li>• Where treatment was given, e.g., at this facility, at another facility</li> <li>• Type of BRM agent, e.g., Interferon, BCG</li> <li>• BRM procedures, e.g., bone marrow transplant, stem cell transplant</li> <li>• Other treatment information, e.g., treatment cycle incomplete; unknown if BRM was given</li> </ul>           |
| RX Text—Other   | 4000   | Use this field to document information regarding treatment that cannot be defined as surgery, radiation or systemic therapy. This includes experimental treatments and blinded clinical trials where the mechanism of the experimental drug is not known. | <ul style="list-style-type: none"> <li>• Date treatment was started</li> <li>• Name of physician providing treatment</li> <li>• Where treatment was given, e.g., at this facility, at another facility</li> <li>• Type of other treatment, e.g., blinded clinical trial, hyperthermia</li> <li>• Other treatment information, e.g., treatment cycle incomplete; unknown if other treatment was given</li> </ul>                                            |

|                         |      |                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Text—Remarks            | 4000 | Use this field to document coded information not documented in another field. May be used for overflow text from another field. | <ul style="list-style-type: none"> <li>• Smoking history</li> <li>• Family and personal history of cancer</li> <li>• Comorbidities</li> <li>• Reason for unknown Social Security number</li> <li>• Information on sequence numbers if a person was diagnosed with another primary out-of-state or before the registry's reference date</li> <li>• Place of birth</li> <li>• Justification of over-ride flags</li> <li>• Information clarifying anything unusual such as reason for reporting a case seemingly not reportable for that facility or reason for coding numerous fields as "unknown."</li> </ul> |
| Text—Place of Diagnosis | 60   | Use this field to document the facility, physician office, city, state or country where the diagnosis was made.                 | <ul style="list-style-type: none"> <li>• The complete name of the hospital or the physician office where diagnosis occurred. The initials of a hospital are not adequate.</li> <li>• For out-of-state residents and facilities, include the city and the state where the medical facility is located.</li> </ul>                                                                                                                                                                                                                                                                                             |

## SECTION IV: INSTRUCTIONS FOR ELECTRONIC SUBMISSION

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All New Jersey health care facilities, physicians, dentists, laboratory, or other health care provider that participates in the diagnosis and/or treatment of cancer patients are required to submit data electronically in an approved data format. NJSCR can assist in set up of an approved reporting format.

Files are to be submitted in the latest NAACCR XML format and contain all current required data fields. Individual vendors that supply cancer database software are required to keep up with changes. Records must be sent as full abstract type records. File names must begin with the NJSCR-assigned three letter facility identifier. All files submitted electronically must be encrypted either at file level attached to email or sent securely through a secure email service.

Hospitals must follow this process when transmitting data to NJSCR. All records must pass edits using the most up to date NAACCR State Specific Metafile. Metafiles can be run internally in your cancer registry software or externally using GenEDITS Plus. Current metafiles are able to be downloaded from the NJSCR webpage: <https://www.state.nj.us/health/ces/reporting-entities/njsr/>. See [Section V: Quality Control](#) for more information on validating data using GenEDITS Plus.

1. Data files are sent to [NJSCRDAT@doh.nj.gov](mailto:NJSCRDAT@doh.nj.gov) or are made available for download from a secure email server.
2. Files must be either encrypted with approved software or on an approved encrypted email server.
3. NJSCR sends an email confirming receipt of the file and the number of cases submitted to the reporting facility within three (3) business days. The facility should keep this email receipt as proof of submission. If a receipt is not received within 3 business days, the reporting facility should contact the NJSCR.
4. The reporting facility confirms or refutes by return email that the number of cases received is correct.
5. The NJSCR will review the file for format issues and edits. NJSCR will reject any file that does not pass validation. The reporting facility is required to correct and resubmit the file.
6. Files that pass validation are accepted and imported into the NJSCR database.

For more information or questions regarding electronic submission, please contact the NJSCR at [NJSCRDAT@doh.nj.gov](mailto:NJSCRDAT@doh.nj.gov).

## SECTION V: QUALITY CONTROL

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## GENERAL

The NJSCR is expected to meet data quality criteria established by CDC/NPCR, NCI/SEER and NAACCR. The NJSCR strives to ensure the highest quality of its cancer data, relying on cancer reporters to submit quality, timely data. The data quality criteria and standards are outlined in the table below.

**Table 5.1: Data Quality Criteria and Standards for Central Registries**

| Criteria                         | CDC/NPCR | NCI/SEER | NAACCR |
|----------------------------------|----------|----------|--------|
| Completeness                     | ≥95%     | ≥98%     | 95%    |
| Records Passing Edits            | ≥99%     | 100%     | 100%   |
| Death Certificate Only           | ≤3.0%    | <1.5%    | ≤3.0%  |
| Duplicates per 1,000             | ≤1.0     | n/a      | ≤1.0   |
| Missing COD                      | n/a      | <2.5%    | n/a    |
| Unknown/ill-defined Primary Site | n/a      | <2.5%    | n/a    |
| Non-specific Histology           | n/a      | <2.5%    | n/a    |
| Unknown Laterality               | n/a      | <6.0%    | n/a    |
| Unknown Derived Summary Stage    | n/a      | <10.0%   | n/a    |
| Records Missing Age              | ≤2.0%    | n/a      | ≤2.0%  |
| Records Missing Sex              | ≤2.0%    | n/a      | ≤2.0%  |
| Records Missing Race             | ≤3.0%    | ≤3.0%    | ≤3.0%  |
| Records Missing County           | ≤2.0%    | n/a      | ≤2.0%  |
| Invalid/Missing Census Tract     | n/a      | <2.0%    | n/a    |
| 1 Year Reporting Delay           | n/a      | <2.5%    | n/a    |
| Follow-up age <20                | n/a      | ≥90%     | n/a    |
| Follow-up age 20-64              | n/a      | ≥90%     | n/a    |
| Follow-up age 65+                | n/a      | ≥95%     | n/a    |
| Follow-up all in situs           | n/a      | ≥90%     | n/a    |

## DATA VALIDATION

Prior to submitting cases to the NJSCR, all cases must pass prescribed edit checks. The GenEDITS Plus program, a free software available from the CDC reads a data file, checks all of the records in it according to rules in a metafile, and reports the results. Steps for using GenEDITS Plus:

1. Download and install GenEDITS Plus from <https://www.cdc.gov/national-program-cancer-registries/edits/index.html>
2. Download and install the current NAACCR NJ state metafile from the (NAACCR Edits Clearinghouse) <https://www.naaccr.org/standard-data-edits/> or the NJSCR website <https://www.state.nj.us/health/ces/reporting-entities/njsr/>
3. Export your hospital submission file from your cancer registry software
4. Run the exported file through GenEDITS Plus using the current state specific metafile and edit set (see below)
5. Fix any identified errors in the registry database
6. Repeat steps 3-5 until GenEDITS reports no errors

Note: If you are running the current up to date state metafile directly in your cancer registry software you shouldn't have to run files through GenEDITS Plus.

Proper GenEDITS Plus 5 configuration:

State Version 25 Metafile

File Reports Data Dictionaries for XML

Metafile Name: R:\\_Reporting\NJSCR\_State\_metafile\NAACCR\_v25\Version 25A\NJSCR State v25A metafile 112024.smf

Record Layout: [Dropdown]

Edit Sets: Central: NJSCR V25A State Metafile

Datafile Name: [Text]

Configuration File Name: C:\RegPlus\EDITS50\GenEDITS Plus\Config\State Version 25 92424.cfg

Configuration Name: State Version 25 Metafile

Comments: [Text Area]

Run Edits Report Identifiers Report Setup Edit Options Data Display Data Dictionaries

Record Type: [Dropdown] NAACCR Version: [Dropdown] Record Count: [Text]

Edit Set Options: ☐ Skip Empty ☐ Skip Failed ☐ Suppress Warnings

Start editing at record: [Text] Stop editing after record: [Text]

☐ Report Counts Only Detailed Error Limit: [Text]

Progress: [Progress Bar] Run Edits

Records Processed: [Text] Errors Reported: [Text]

Records With Errors: [Text] Time Remaining: [Text]

Edit Sets:

- ☐ AJCC Edits (NES0500) (NAACCR)
- ☐ AJCC ID, Year\_End/Pre-Conversion Review (NES0361) (NAACCR)
- ☐ Canadian Council of Cancer Registries - vs24 Edits (NES0127)
- ☐ Central Example Edits (NES0800) (NAACCR)
- ☒ Central: NJSCR V25A State Metafile (NJ0150) (NJSCR)
- ☐ Central: Vs25 NPCR Required - Consol-All Edits (NES0149) (NJSCR)
- ☐ Central: Vs25 State Example - Incoming Abstracts (NES0150) (NJSCR)
- ☐ EOD Edits (NES0501) (NAACCR)
- ☐ Hosp: Vs25 COC Required (NES0344) (COC)
- ☐ IHS - Variables Required for IHS Linkage (NES0117) (NPCR)
- ☐ Inter-registry Data Exchange - Abstract (NES0600) (NAACCR)
- ☐ Inter-registry Data Exchange - Consolidated (NES0601) (NAACCR)
- ☐ NDI Post DB Update v25 (ND1294) (NPCR)

State Version 25 Metafile

File Reports Data Dictionaries for XML

Metafile Name: R:\\_Reporting\NJSCR\_State\_metafile\NAACCR\_v25\Version 25A\NJSCR State v25A metafile 112024.smf

Record Layout: [Dropdown]

Edit Sets: Central: NJSCR V25A State Metafile

Datafile Name: [Text]

Configuration File Name: C:\RegPlus\EDITS50\GenEDITS Plus\Config\State Version 25 92424.cfg

Configuration Name: State Version 25 Metafile

Comments: [Text Area]

Run Edits Report Identifiers Report Setup Edit Options Data Display Data Dictionaries

Base Data Dictionary: C:\RegPlus\NorthCon V25\Data Dictionary\naacccr-dictionary-250.xml

User Data Defined Dictionary: [Text]

**Confirm the *Base Data Dictionary* indicates the current NAACCR version. This should be the default when installing GenEdits Plus. If it is not, please email [njscrdat@doh.nj.gov](mailto:njscrdat@doh.nj.gov). NJSCR does not maintain a User Data Defined Dictionary at this time.**

## VALIDATION BY NJSCR

When files are received by NJSCR they undergo inspection to validate the format. Files that do not pass validation are rejected by NJSCR. The reporting facility must correct and resubmit the file.

The NJSCR may identify additional errors within the data submitted by a facility and may request the data be corrected and resubmitted.

## FACILITY COMPLETENESS REPORTS AND MISSING NAACCR ABSTRACTS

The NJ Administrative Code's Cancer Registry Statute declares every New Jersey health care facility, physician, dentist, other health care provider, and clinical laboratory shall submit all case reports within six months of the date of first contact with the patient for the reportable condition as defined by the NAACCR Data Standards for Cancer Registries—Data Standards and Data Dictionary (8:57A-1.4). **NJSCR recommends reporting cases *at least once a month* to ensure a regularly scheduled submission and a continual flow of data.**

NJSCR can provide a monthly update on the total number of cases reported for the most recent accession years along with the NJSCR calculated completion rate in an effort to inform hospitals of their reporting progress.

Completion rate is intended as a progress tracking tool and is not an indicator of complete casefinding and accession for a facility's diagnosis year. Class of case, mergers, and other factors will be taken in account when determining final completeness evaluation for hospitals at the end of the reporting year. NJSCR reserves the right to request auditing procedures be met by any facility in its reporting jurisdiction prior to issuance of annual completeness certification.

Registrars should contact their NJSCR facility representative if they feel there is a discrepancy in the total number of cases submitted by their facility and/or the completion percentage reached by NJSCR.

NJSCR utilizes a variety of methods of tracking and auditing the timely reporting of cancer cases. Facilities that have not yet set up electronic pathology reporting with NJSCR may need to submit complete annotated disease index or pathology reports to document complete casefinding.

See [Section VI](#) for more information regarding Audits.

Please note, this procedure should not take the place of any casefinding procedures that are done by your registry. It is important that each facility continues to screen prospective cases and identify cancer cases for inclusion into the registry. Casefinding lists are always available on the SEER website, <https://seer.cancer.gov/tools/casefinding/>.

## SECTION VI: AUDITS OF REPORTING COMPLETENESS

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Each year, the NJSCR conducts audits of selected facilities based on the yearly completeness for the audit year. The goal of these audits is to ensure completeness of reporting and to identify any unreported cases. **Audits are not conducted to perform case finding services for a facility.**

NJSCR currently performs two types of audits: Disease Index **(DI)** and HL7 (pathology) audits.

Facilities are selected for DI or pathology audit each year based on the factors including but not limited to:

- Facility completeness based on a weighted average formula using the five years prior to the audit year.
- Review of pathology reports submitted without a corresponding NAACCR abstract
- Number of years since the last audit was conducted.

All audits will be conducted by authorized representatives of NJSCR. Requirements and timelines for audits will be discussed with each facility at the time of audit notification. It is recommended registry managers work closely with their hospital's Health Information Management Department and/or Information Services to ensure all appropriate files can be submitted on time.

**A Notice of Violation may be issued to any facility that does not respond promptly and within the given time frame specified by the NJSCR auditor to requests for data during the audit process. The facility may also be subject to an assessment of a penalty under N.J.A.C. 8:57A-1.12.**

**A facility that is delinquent more than two consecutive reporting years may be reported to the NJ Division of Health Facilities Evaluation and Licensing.**

## SECTION VII: REQUESTING FOLLOW-UP DATA

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The NJSCR will provide a follow up report, by request, to each New Jersey reporting facility two times per year providing the facility is in compliance with NJ cancer reporting rules. The purpose of the report is to assist cancer registries with maintaining current and accurate follow-up data.

New Jersey health care facilities may request a follow-up report in June and December each year after receiving the email announcement that reports are available.

One additional report will be provided for hospitals undergoing Commission on Cancer (CoC) accreditation survey.

Hospital requests will be honored in the order in which they are received, though priority will be given to facilities with a scheduled CoC survey date.

To request a follow up report, email NJSCR with the following information:

- Name and contact information of the person requesting the report
- Name of the facility
- Reference date of the cancer registry
- Date the last follow-up report was received from NJSCR
- Date of CoC survey (if applicable)

Once the report is prepared, NJSCR will forward the report in an encrypted email to the facility.

The report will include follow-up information on SEER reportable, analytic cases submitted by the facility. Data fields included in the report are the original values provided by the facility to NJSCR. Date of last contact and vital status will be updated with new values from NJSCR.

For more information on requesting and using the NJSCR follow up report, go to:

<http://www.nj.gov/health/ces/njsr.shtml>.

# APPENDIX A-

## HEALTH CARE FACILITY CONTACT FORM

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**NJSCR Healthcare Facility Contact Information Form**  
**PO Box 369 Trenton, NJ 08625-0369**  
**Phone# 609-633-0500 Fax# 609-633-7509**  
**website <http://www.nj.gov/health/cancer/index.shtml>**

**Hospital Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Main Hospital Number:** \_\_\_\_\_

**Name & Title of Primary Registry Contact:** \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email: \_\_\_\_\_

**Registry Fax Number:** \_\_\_\_\_

**Whom does the Cancer Registry Report to?** Department: \_\_\_\_\_

Name/Title: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

**Additional Registry Staff:**

|             |              |
|-------------|--------------|
| Name: _____ | Title: _____ |
|-------------|--------------|

|              |              |
|--------------|--------------|
| Phone: _____ | Email: _____ |
|--------------|--------------|

|             |              |
|-------------|--------------|
| Name: _____ | Title: _____ |
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| Phone: _____ | Email: _____ |
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| Name: _____ | Title: _____ |
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| Phone: _____ | Email: _____ |
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| Name: _____ | Title: _____ |
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|              |              |
|--------------|--------------|
| Phone: _____ | Email: _____ |
|--------------|--------------|

**Name of Outsource Agency/Consultant:** \_\_\_\_\_

**President/CEO:** \_\_\_\_\_ **Phone:** \_\_\_\_\_

**Director of Pathology:** \_\_\_\_\_ **Phone:** \_\_\_\_\_

**Director of Chemotherapy:** \_\_\_\_\_ **Phone:** \_\_\_\_\_

**Director of Radiation Therapy:** \_\_\_\_\_ **Phone:** \_\_\_\_\_

**Director of Information Systems (IS):** \_\_\_\_\_ **Phone:** \_\_\_\_\_

**Director of Medical Records:** \_\_\_\_\_ **Phone:** \_\_\_\_\_

**Cancer Committee Chairperson:** \_\_\_\_\_ **Phone:** \_\_\_\_\_

**Cancer Registry Software:** \_\_\_\_\_

**Is your Hospital American College of Surgeons Approved?** \_\_\_\_\_

**Average Case Load:** \_\_\_\_\_

**What Healthcare Systems and or Hospitals are you affiliated with?**

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\*See NJSCR Website for a PDF version of this  
form listed under Registry Resources:  
[Healthcare Facility Contact Information Form](#)

## APPENDIX B- CODING AND STAGING MANUALS

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## CODING AND STAGING MANUALS & RESOURCES

### SEER Program Coding and Staging Manual

<https://seer.cancer.gov/tools/codingmanuals/index.html>

### Summary Staging 2018 Manual

<https://seer.cancer.gov/tools/staging/>

### Extent of Disease (EOD) 2018 General Instruction Manual

<https://seer.cancer.gov/tools/staging/>

### Site-Specific Data Items (SSDI) Manual

<https://apps.naaccr.org/ssdi/list/>

### Hematopoietic & Lymphoid Neoplasm Database & Manual

<https://seer.cancer.gov/seertools/hemelymph/>

### International Classification of Disease for Oncology (ICD-O-3.2) –

Available for pdf download from the World Health Organization at

[http://www.iacr.com.fr/index.php?option=com\\_content&view=article&id=108:icd-o-3&catid=100:icd-o-3&Itemid=577](http://www.iacr.com.fr/index.php?option=com_content&view=article&id=108:icd-o-3&catid=100:icd-o-3&Itemid=577)

<https://www.naaccr.org/icdo3/>

### ICD-O-3.2 Implementation Guidelines

<https://www.naaccr.org/implementation-guidelines/#ICDO3>

### SEER\*RSA (SEER Registrar Staging Assistant)

<https://staging.seer.cancer.gov/>

### American Joint Committee on Cancer (AJCC) TNM Staging Manual

<https://www.facs.org/quality-programs/cancer-programs/american-joint-committee-on-cancer/>

### Collaborative Stage Data Collection System

<https://www.facs.org/quality-programs/cancer-programs/american-joint-committee-on-cancer/collaborative-staging-schema-v02-05/>

### Standards for Oncology Registry Entry (STORE) –

<https://www.facs.org/quality-programs/cancer/ncdb/registrymanuals/cocmanuals>

### CTR Guide to Coding Radiation Therapy Treatment (STORE) – for cases February 2022 and forward

[https://www.facs.org/media/fr0phnbd/case-studies-for-coding-radiation-treatment-v4-0-20220519064258\\_496407.pdf](https://www.facs.org/media/fr0phnbd/case-studies-for-coding-radiation-treatment-v4-0-20220519064258_496407.pdf)

### Facility Oncology Registry Data Standards (FORDS) – for cases prior to 2018

<https://www.facs.org/quality-programs/cancer-programs/national-cancer-database/ncdb-call-for-data/fordsmanual/>

### Commission on Cancer Program Standards

<https://www.facs.org/quality-programs/cancer/coc/standards>

**Solid Tumor Rules (Multiple Primaries and Histologies)**

<https://seer.cancer.gov/tools/solidtumor/>

**Casefinding Lists (ICD-9, ICD-10)**

<https://seer.cancer.gov/tools/casefinding/>

**Cancer PathCHART**

<https://seer.cancer.gov/cancerpathchart/>

# APPENDIX C- NEW JERSEY CANCER REGISTRY LEGISLATION AND REPORTING REQUIREMENTS

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## CHAPTER 57A CANCER REGISTRY

### Authority

N.J.S.A. 26:2-104 through 109, particularly 26:2-106b.

### Source and Effective Date

R.2018 d.154, effective July 17, 2018.  
See: 50 N.J.R. 1131(a), 50 N.J.R. 1893(a)

### Please Note

This is an unofficial copy of the text of this chapter and is provided as a courtesy to New Jersey reporting facilities. The New Jersey Administrative Code is available for free public access at <http://www.lexisnexis.com/hottopics/njcode>.

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### § 8:57A-1.1 Purpose and scope

- (a) The purpose of this subchapter is to:
1. Implement N.J.S.A. 26:2-104 through 109, which authorizes the Department of Health to establish and maintain the New Jersey State Cancer Registry (NJSCR) as the Statewide repository

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- of records of cases of cancer and specified cases of tumorous or precancerous disease that occur in New Jersey;
  - 2. Set forth standards for maintaining confidentiality of information submitted to the NJSCR; and
  - 3. Set forth standards for the establishment, use and maintenance of the NJSCR.
- (b) The purpose of the NJSCR is to:
- 1. Monitor cancer incidence and mortality trends in New Jersey;
  - 2. Conduct epidemiologic surveys of cancer and cancer-related diseases in New Jersey; and
  - 3. Assist physicians, researchers, public health officials, epidemiologists and health care facility administrative officers by providing data, subject to the confidentiality provisions established at N.J.A.C. 8:57A-10, to understand cancer, improve cancer treatment, increase survival, improve long-term quality of life for cancer patients and identify the most appropriate cancer prevention and control measures.
- (c) This subchapter applies to:
- 1. All health care facilities, physicians, dentists and other health care providers that diagnose or treat cancer patients;
  - 2. Clinical laboratories located in New Jersey that conduct hematology examinations or examine tissue specimens that are positive for the existence of cancer or other specified tumorous and precancerous disease; and
  - 3. All health care insurers and other third-party health care payers providing benefit plans to residents of New Jersey that are cancer patients.

## § 8:57A-1.2 Incorporated and referenced documents

- (a) The Department incorporates by reference, as amended and supplemented, the following documents in this subchapter:
- 1. Artificial Intelligence in Medicine Incorporated. "The e-path Reporting Site Information Checklist," which is based on the National Cancer Institute's Surveillance Epidemiology End Results (SEER) Program Casefinding List, effective January 2010, and will be used by pathology laboratories to send site information in order to implement electronic cancer casefinding and pathology data gathering for the NJSCR, and is available through request to the NJSCR, and for which the contact information is Artificial Intelligence in Medicine Incorporated, 2 Berkeley Street, Suite 403, Toronto, Ontario, Canada M5A 2W3;
  - 2. The National Cancer Institute, Division of Cancer Control and Population Sciences, Surveillance Research Program, Cancer Statistics Branch/SEER Program. "The SEER Program Coding and Staging Manual 2016, updated January 4, 2017," which is used for abstracting and coding cancer data, and is available online at: <http://seer.cancer.gov>, and for which the contact information is NCI, 9609 Medical Center Drive, MSC 97608, Bethesda, MD 20892-9760, Telephone: 1-800-4-CANCER (1-800-422-6237) in English and Spanish languages;
  - 3. The North American Association of Central Cancer Registries (NAACCR), Inc. "The NAACCR Data Standards for Cancer Registries -- Data Standards and Data Dictionary (Volume II-Version 16)," which is used by health care facilities, physicians, dentists, and other health care providers to electronically submit data to the NJSCR, and is available online at: <http://www.naaccr.org/StandardsandRegistryOperations/Volumell.aspx>, and for which the contact information is NAACCR, 2050 W. Iles, Suite A, Springfield, IL 62704-4194, Telephone: (217) 698-0800;

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4. The North American Association of Central Cancer Registries (NAACCR), Inc. "The NAACCR Standards for Cancer Registries Volume V: Pathology Laboratory Electronic Reporting, Version 4.0 (effective April 1, 2011), including Chapter 3: "Implementation guidelines with rules for formatting messages carrying synoptic reports," which sets forth the Health Level 7 (HL-7) Version 2.5.1 standard protocol that clinical laboratories may use to make reports to the Department electronically and is available online at: <http://www.naaccr.org/StandardsandRegistryOperations/VolumeV.aspx>, and for which the contact information is NAACCR, 2050 W. Iles, Suite A, Springfield, IL 62704-4194, Telephone: (217) 698-0800; and
  5. World Health Organization. "International classification of diseases for oncology (ICD-O)--3rd edition, 1st revision, 2013," which is used to classify oncologic conditions for inclusion in cancer registry data, and which is available online at [http://apps.who.int/iris/bitstream/10665/96612/1/9789241548496\\_eng.pdf](http://apps.who.int/iris/bitstream/10665/96612/1/9789241548496_eng.pdf).
- (b) The Department references the following documents, as amended and supplemented, as guidance in this subchapter:
1. New Jersey State Cancer Registry (NJSCR), Cancer Epidemiology Services, New Jersey Department of Health. "The NJSCR 2017 Program Manual: Instructions For Health Care Facilities," which provides guidance to health care facilities on the electronic transmission of data to the Department and information from Federal programs that establish standards for cancer registries and which is available online at: <http://www.nj.gov/health/ces/reporting-entities/registrars/index.shtml>; and
  2. New Jersey State Cancer Registry (NJSCR), Cancer Epidemiology Services, New Jersey Department of Health. "The NJSCR Abstract Instruction Manual For Physicians, Ambulatory Care Centers and Radiation Treatment Facilities 2017," which provides guidance to physicians, ambulatory care centers (ACCs), and radiation treatment facilities (RTFs) on the electronic transmission of data to the Department and which is available online at: <http://www.nj.gov/health/ces/reporting-entites/non-hospital/>.

## § 8:57A-1.3 Definitions

The following words and terms, when used in this chapter, shall have the following meanings, unless the context clearly indicates otherwise:

"Administrative officer" means a person at a health care facility assigned with the responsibility of ensuring that reports of every case of cancer at the health care facility are made to the Department pursuant to the reporting requirements of this chapter.

"Certified Tumor Registrar" or "CTR<(R)>" means a person who holds certification as such, or an equivalent credential, from the Council on Certification of the National Cancer Registrars Association (NCRA), for which the contact information is NCRA, 13340 Braddock Place, Suite 520, Alexandria, VA 22314, telephone: (703) 299-6640, telefacsimile: (703) 299-6620, e-mail: [ctrexam@ncra-usa.org](mailto:ctrexam@ncra-usa.org), website: <http://www.ctrexam.org>.

"Clinical laboratory" means a facility that conducts tests on tissue or cellular specimens and/or hematologic examinations in order to diagnose or otherwise characterize a disease.

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"Commissioner" means the Commissioner of the New Jersey Department of Health, or his or her designee.

"Department" means the New Jersey Department of Health.

"Health care facility" means a facility as defined at N.J.S.A. 26:2H-1 et seq., as amended and supplemented.

"Health care provider" means a health care professional who is directly involved in the provision of health care services and whose practice is regulated pursuant to Title 45 of the New Jersey Statutes and State professional board rules, who in the course and scope of work duties, independently or under the supervision of the appropriate authority, diagnoses or treats patients with cancer or other specified tumorous and precancerous diseases as set forth at N.J.A.C. 8:57A-1.11.

1. Health care provider includes physicians and dentists.

"NJSCR" means the New Jersey State Cancer Registry established by the Department pursuant to this chapter and the authority of N.J.S.A. 26:2-104 et seq.

"NJSCR mailing address" means the mailing address of the New Jersey State Cancer Registry, which is: Cancer Epidemiology Services, New Jersey State Cancer Registry, New Jersey Department of Health, PO Box 369, Trenton, New Jersey 08625-0369.

"NJSCR webpage" means the webpage of the New Jersey State Cancer Registry available at [www.nj.gov/health/ces](http://www.nj.gov/health/ces).

## § 8:57A-1.4 Reporting of cancer; general requirements

- (a) Every New Jersey health care facility, physician, dentist, other health care provider, and clinical laboratory shall report to the Department the reportable diseases and conditions established at N.J.A.C. 8:57A-1.11.
- (b) Every New Jersey health care facility, physician, dentist, other health care provider, and clinical laboratory shall submit all case reports within six months of the date of first contact with the patient for the reportable condition as defined by the NAACCR Data Standards for Cancer Registries--Data Standards and Data Dictionary (Volume II--Version 16).
- (c) Every New Jersey health care facility shall submit follow-up data on each cancer case, as requested and in the format specified by the Department, to confirm the patient's vital status until the patient's death.
- (d) Every New Jersey health care facility, physician, dentist, and other health care provider shall use the SEER Program Coding and Staging Manual 2016 when abstracting and coding cancer data.
- (e) A health care facility, physician, dentist, other health care provider, or clinical laboratory may apply for a no-cost software program to report information on cases of cancer electronically to the NJSCR by contacting the NJSCR at [njscrdat@doh.nj.gov](mailto:njscrdat@doh.nj.gov)

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## § 8:57A-1.5 Health care facility reporting

- (a) The administrative officer of every health care facility shall report to the Department every case of cancer or other specified tumorous and precancerous disease when it is initially diagnosed, when the patient is first admitted or treated for any reason in that facility, including admissions and discharges to inpatient or outpatient services, and when subsequent primary cancer is diagnosed in that patient.
- (b) A CTR® shall perform all abstracting work and oversee all case-finding for a health care facility that diagnoses and/or treats 100 or more cancer cases per year.
  - 1. Either the health care facility or an abstract-coding service under contract with the health care facility shall employ the CTR(R); and
  - 2. A health care facility shall notify the NJSCR by e-mail to
  - 3. [ops.njsr@doh.nj.gov](mailto:ops.njsr@doh.nj.gov)
  - 4. of the name and contact information for the CTR(R), and of any changes to registry staff or contact information; and
  - 5. A health care facility that contracts with an abstract-coding service shall be responsible for ensuring the abstract-coding service complies with the provisions of this chapter.
- (c) The administrative officer of every health care facility shall ensure that the information to be reported, as set forth in (a) above, is submitted electronically using the NAACCR Data Standards for Cancer Registries -- Data Standards and Data Dictionary (Volume II -- Version 16), as amended and supplemented, and includes all required data elements set forth in the NAACCR Data Standards for Cancer Registries--Data Standards and Data Dictionary (Volume II), such as patient identifying information, medical history, cancer treatment, and cancer stage at diagnosis.
- (d) Health care facilities may use the NJSCR 2017 Program Manual: Instructions For Health Care Facilities, incorporated herein by reference, as amended and supplemented, for guidance in abstracting and reporting.
- (e) Health care facilities that lack adequate internal capabilities to report cases in accordance with the requirements of (b) and (c) above shall contract with the Department or its designee to provide abstracting services.
- (f) The Department or its designee shall charge a fee, based upon the fair market value of services, to health care facilities for the provision of services set forth at (e) above.
- (g) A health care facility that fails to comply with the provisions of this subchapter shall be liable for a penalty of up to \$ 500.00 per unreported case of cancer or other specified tumorous and precancerous disease.
- (h) A health care facility that fails to report cases of cancer or other specified tumorous and precancerous diseases electronically shall be liable for a penalty not to exceed \$ 1,000 per business day.

## § 8:57A-1.6 Physician, dentist, and other health care provider reporting

- (a) Every physician, dentist, or other health care provider who diagnoses or provides treatment for cancer patients shall submit an electronic report to the Department with an initial diagnosis of each case of cancer or other specified tumorous and precancerous disease and for each subsequent primary cancer diagnosed in that person, using either the NAACCR Data Standards for Cancer Registries -- Data Standards and Data Dictionary (Volume II -- Version 16) or another standard electronic reporting format approved by the Department that includes all required data elements

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set forth in the "NAACCR Data Standards for Cancer Registries--Data Standards and Dictionary (Volume II)," such as patient identifying information, medical history, cancer treatment, and cancer stage.

- (b) The physician, dentist, or other health care provider may use the "NJSCR Abstract Instruction Manual For Physicians, Ambulatory Care Centers and Radiation Treatment Facilities 2017," incorporated herein by reference, as amended and supplemented, as guidance when reporting.
- (c) A physician, dentist, or other health care provider who fails to report cases of cancer or other specified tumorous and precancerous diseases shall be liable for a penalty of up to \$ 500.00 per unreported case for violation of the Cancer Registry Act.

## § 8:57A-1.7 Clinical laboratory reporting

- (a) The director of every clinical laboratory shall report electronically to the Department the results of examinations of tissue specimens and/or hematology examinations that are positive for the existence of cancer or other specified tumorous and precancerous disease using the HL-7 standard protocol set forth in the NAACCR Standards for Cancer Registries Volume V: Pathology Laboratory Electronic Reporting or the NAACCR Data Standards for Cancer Registries--Data Standards and Data Dictionary (Volume II--Version 16), which includes all available patient identifying information, the tissue examined, and the results of the pathologic examination, and the name, address and/or telephone number of the referring physician.
- (b) A clinical laboratory that fails to report cases of cancer or other specified tumorous and precancerous diseases shall be liable for a penalty of up to \$ 500.00 per unreported case.

## § 8:57A-1.8 Health care insurer reporting

Health care insurers and other third-party health care payers providing benefit plans to residents of the State shall report electronically to the Department information on cases of cancer or other specified tumorous and precancerous diseases based upon selection criteria, established at N.J.A.C. 8:57A-1.11, upon request of the Department in the format specified by the Department in the request set forth in this section; and that includes patient identifying information and medical information, such as medical history, cancer treatment, cancer stage at diagnosis information, and co-morbid conditions.

## § 8:57A-1.9 Supplemental information

- (a) Every New Jersey health care facility, physician, dentist, other health care provider, and clinical laboratory shall report supplemental information necessary to clarify medical or demographic data upon request of the Department, such as copies of pathology and/or hematology reports, operative reports, treatment information, history and physical sections of the medical records and discharge summaries, and other information as deemed necessary by the NJSCR.
- (b) If the NJSCR determines that more information is needed, NJSCR staff will contact, as appropriate, the health care facility physician, dentist, other health care provider, and clinical laboratory, to obtain this information in the form and manner specified by the NJSCR at that time of the request.

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## § 8:57A-1.10 Access to information and records

- (a) Every health care facility, clinical laboratory, physician, dentist, and other health care provider diagnosing or providing treatment for cancer patients and health care insurers and other third-party health care payers providing benefit plans to residents of the State shall allow representatives of the Department, or its designee, to obtain information from all medical, pathological, and other pertinent records and logs related to cancer cases, as necessary for fulfilling the functions of the NJSCR.
  - 1. Access to records set forth in (a) above shall be given through secure, electronic remote means where requested and where available.
- (b) Every health care facility, clinical laboratory, physician, dentist, and other health care provider diagnosing or providing treatment for cancer patients and health care insurers and other third-party health care payers providing benefit plans to residents of the State shall permit representatives of the Department access to information or provide necessary information on specified cancer patients and other patients specified by characteristics for research studies related to cancer etiology, prevention, and control, which are conducted by the Department subject to the following:
  - 1. The Department's designated Institutional Review Board shall:
    - i. Review the studies to assure protection of human subjects; and
    - ii. Approve or disapprove the studies, as appropriate, based on the outcome of the review.
  - 2. This access or provision of information shall include patients who came under the care of the health care facility, physician, dentist or other health care provider prior to November 18, 1977.
- (c) Representatives of the Department shall:
  - 1. Provide advance notice to the health care facility, physician, dentist or other health care provider, independent clinical laboratory, health care insurer or other third-party health care payer in order to access patient records of cancer patients pursuant to (a) and (b) above; and
  - 2. Present valid identification at the time of access, including, Department or designee issued identification, if on-site access to patient records is necessary.
- (d) Only the Department and such other agencies as may be designated by the Commissioner shall use the reports made pursuant to this subchapter.
  - 1. These reports shall not be:
    - ii. Otherwise divulged or made public; or
    - iii. Subject to public inspection and copying pursuant to the Open Public Records Act, N.J.S.A. 47:1A-1 et seq.
- (e) No individual or organization providing information to the Department in accordance with this subchapter shall be deemed to be, or held liable for, divulging confidential information.
- (f) The Department shall not make public any information reported to the NJSCR that discloses the identity of any person to whom the information relates.
  - 1. The Department will refer individuals wishing to confirm the inclusion of their medical information in the NJSCR to their health care provider or treating health care facility.
  - 2. A patient who was diagnosed with, or treated for, cancer, or, if the patient is deceased, that patient's next-of-kin may request that the Department release summary information about that patient with a signed Authorization to Release Health Information form.
  - 3. A patient's physician who, or licensed facility that, diagnosed that patient with, or is treating that patient for, cancer may submit a request in writing to the Department for a release of that patient's diagnostic, treatment, and follow-up information.
- (g) The Department shall report all violations of (c) above by any individual or organization to the appropriate professional licensing authorities and public financing programs.



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- (h) Failure to permit access to information and records to representatives of the Department shall be cause for legal action.

### § 8:57A-1.11 Reportable diseases and conditions

- (a) Every New Jersey health care facility, physician, dentist, other health care provider, and clinical laboratory shall report to the Department, in accordance with this chapter, any case having a diagnosis meeting the criteria at (b) below that contains any of the following terms in the final diagnosis:

Apparent(ly);

Appears;

Compatible/Compatible with;

Consistent with;

Favors;

Malignant appearing;

Most likely;

Presumed;

Probable;

Suspect(ed);

Suspicious (for); and/or

Typical (of).

- (b) Subject to (c) below, every New Jersey health care facility, physician, dentist, other health care provider, and clinical laboratory shall report to the Department, in accordance with this chapter, all cases having the following diagnoses:
1. All *in situ* or invasive neoplasms that have behavior codes "/2" or "/3" in the ICD-O; or
  2. All solid tumors of the brain and the central nervous system, including the meninges and intracranial endocrine structures, that have the following behavior codes in the ICD-O:
    - ii. "/0" benign disease;
    - iii. "/1" disease of uncertain malignant potential;
    - iv. "/2" *in situ* disease; or
    - v. "/3" malignant disease.
- (c) The following diagnoses are not to be reported to the Department:



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1. Basal cell carcinomas of the skin, except when they are diagnosed in the labia, clitoris, vulva, prepuce, penis, or scrotum; or
  2. Carcinoma *in situ* of the cervix and/or cervical squamous intraepithelial neoplasia III (CIN III).
- (d) Insofar as soft tissue tumors can arise in almost any body site, the primary site of the soft tissue tumor shall also be examined for any questionable neoplasm.
- (e) If any uncertainty regarding the reporting of a particular case exists, the health care facility, physician, dentist, other health care provider, or clinical laboratory shall contact the Department for guidance at (609) 633-0500 or view information on the following website: <http://www.nj.gov/health/ces/njsr.shtml>.

## § 8:57A-1.12 Audit, Letter, and notice of violations and enforcement actions

- (a) A health care facility, physician's, dentist's, other health care provider's office, and clinical laboratory shall be subject to audit at the discretion of the Commissioner by authorized representatives of the Department.
- (b) The Department, or its designee, shall evaluate completeness and timeliness of reporting as specified by this subchapter by reviewing documents, such as medical records, diagnostic indices of radiation, laboratory, cytology and/or pathology reports, and discharge records.
- (c) Authorized representatives of the Department shall conduct the audit during normal operating hours.
- (d) The Department's authorized representatives may cite a deficiency upon a determination that the health care facility, physician's, dentist's, other health care provider's office, and clinical laboratory does not comply with the reporting requirements established in this subchapter.
- (e) At the conclusion of the audit or within 10 business days thereafter, the Department or its designee shall provide the health care facility, physician's, dentist's, other health care provider's office or independent clinical laboratory with a written Letter of Potential Violation and Potential Assessment (Letter) summarizing any factual findings used as a basis to determine that reporting has not been complete or timely.
1. The Department or its designee shall set forth in the Letter the proposed assessment of civil monetary penalties, and as applicable, the specific reasons for the action.
- (f) The Department or its designee shall serve the Letter on a facility, physician, dentist, other health care provider or independent clinical laboratory or its, his or her registered agent in person or by certified mail.
- (g) A health care facility, physician, dentist, other health care provider, and clinical laboratory shall have 30 business days after receipt of the Letter by certified mail or personal service in which to correct all deficiencies in its reporting that were discovered during the audit and cited in the Letter.
1. If a health care facility, physician, dentist, other health care provider, and clinical laboratory fails to correct deficiencies in its reporting that were discovered during the audit and cited in the Letter within 30 days, the Department, or its designee, will act as registrar and shall charge the facility, physician, dentist, other health care provider, and clinical laboratory for all costs related to these services, such as the retrieval of case information and the cost of the audit.
    - ii. This fee shall be based upon the fair market value of such services.
    - iii. All checks for fees for the Department's services shall be made payable to "Treasurer, State of New Jersey" or its designee, as provided in the Letter and forwarded to:

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- iv. Office of Cancer Epidemiology  
New Jersey State Cancer Registry  
New Jersey Department of Health  
PO Box 369  
Trenton, New Jersey 08625-0369
  - 2. If a health care facility, physician, dentist or other health care provider fails to correct deficiencies in its reporting that were discovered during the audit and cited in the Letter within 30 days, the Department or its designee shall serve the entity or provider with a written Notice of Violation and Penalty Assessment.
  - (h) If a health care facility licensed by the Department pursuant to N.J.S.A. 26:2H-1 et seq., fails to correct deficiencies in its reporting that were discovered during the audit and cited in the Letter within 30 days, the Department, or its designee, shall report the facility to the Division of Health Facilities Evaluation and Licensing for non-compliance with these rules.
  - (i) If a physician, dentist, and other health care provider fails to correct deficiencies in its reporting that were discovered during the audit and cited in the Letter within 30 days, the Department, or its designee, shall report the provider to the appropriate New Jersey licensing board for non-compliance with this chapter.
  - (j) If a clinical laboratory fails to correct deficiencies in its reporting that were discovered during the audit and cited in the Letter within 30 days, the Department, or its designee, shall report the clinical laboratory to the Clinical Laboratory Improvement Service in the Division of Public Health and Environmental Laboratories for non-compliance with this chapter.

### § 8:57A-1.13 Civil monetary penalties

- (a) Pursuant to N.J.S.A. 26:2-106f(3) and notwithstanding the provisions of N.J.A.C. 8:57A-1.12(f)1, the Commissioner may assess a penalty for violation of reporting requirements in accordance with the following standards:
  - 1. For failure of a health care facility, physician, dentist or other health care provider to report pursuant to the provisions of this chapter, up to \$ 500.00 per unreported case of cancer or other specified tumorous and precancerous disease; and/or
  - 2. For failure of a health care facility to report electronically, up to \$ 1,000 per business day.
- (b) The Department or its designee may decrease the penalties in (a) above based upon compliance history, the number and frequency of the deficiencies, the measures taken to mitigate or prevent future deficiencies, the deterrent effect of the penalty and/or other specific circumstances of the facility, office or violation.

### § 8:57A-1.14 Failure to pay a penalty; remedies

- (a) Upon receipt of a Notice of Violation and Penalty Assessment (Notice), a health care facility, physician, dentist or other health care provider has 30 days in which to notify the Department or its designee in writing of its, his or her answer to the Notice and request for a hearing pursuant to the Administrative Procedure Act, N.J.S.A. 52:14B-1 et seq.
- (b) The penalty becomes due and owing upon the 31st day from receipt of the Notice if the Department or its designee has not received a written answer and request for a hearing.

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1. If the recipient of the Notice has requested a hearing, the penalty is due 45 days after the issuance of a Final Agency Decision by the Commissioner, if the Department or its designee has not withdrawn, rescinded or reversed its assessment, and an appeal has not been timely filed with the Appellate Division pursuant to Rule 2:2-3 of the New Jersey Court Rules.
- (c) Failure to pay a penalty within 30 days of the date it is due and owing pursuant to (b) above may result in the institution of a summary civil proceeding by the Department or its designee pursuant to the Penalty Enforcement Law, N.J.S.A. 2A:58-10 et seq.

### § 8:57A-1.15 Hearings

- (a) Upon request, a hearing shall be afforded to a health care facility, physician, dentist or other health care provider pursuant to N.J.A.C. 8:57A-1.14.
- (b) A health care facility, physician, dentist or other health care provider shall notify the Department or its designee, in writing, of its request for a hearing within 30 days of receipt of a Notice of Violation and Penalty Assessment.
- (c) The Department or its designee shall transmit the hearing request to the Office of Administrative Law, which will conduct the hearing pursuant to the Administrative Procedure Act, N.J.S.A. 52:14B-1 et seq., and the Uniform Administrative Procedure Rules, N.J.A.C. 1:1.

### § 8:57A-1.16 Settlement of enforcement actions

- (a) A health care facility, physician, dentist or other health care provider may request that the matter be settled in lieu of conducting an administrative hearing concerning an enforcement action.
- (b) If the Department or its designee and the health care facility, physician, dentist or other health care provider agree on the terms of a settlement, a written agreement specifying these terms shall be executed.
- (c) The Department or its designee may agree to accept payment of penalties over a schedule not exceeding 18 months where a health care facility, physician, dentist or other health care provider demonstrates financial hardship.
- (d) All funds received in payment of penalties shall be recovered by and in the name of the Department and shall be dedicated to the New Jersey State Cancer Registry.

## APPENDIX D- REPORTABLE LIST

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**New Jersey State Cancer Registry**  
**List of reportable diseases and conditions**  
Effective date March 10, 2011; Revised January 2025

**IMPORTANT NOTE: This list is not intended to be an exhaustive list of all reportable conditions.  
Please refer to the General Rules for Reportability and to the ICD-O-3.2 Manual.**

**General Rules for Reportability**

All cases meeting the following criteria must be reported to the NJSCR:

- (a) Any in situ or invasive neoplasm with a behavior code of “/2” or “/3” in the International Classification of Diseases for Oncology (ICD-O) Third Edition
- (b) All solid tumors of the brain and central nervous system, including meninges and intracranial endocrine structures, listed in the ICD-O-3.2 with behavior codes of “/0”, “/1”, “/2”, or “/3.”
- (c) Any diagnosis including any of the following words:
  - Cancer
  - Carcinoma
  - Adenocarcinoma
  - Carcinoid tumor
  - Leukemia
  - Lymphoma
  - Malignant
  - Sarcoma
- (d) Any reportable diagnosis which contains any of the following ambiguous terms in the final diagnosis:

|                            |                  |
|----------------------------|------------------|
| Apparent(ly)               | Most likely      |
| Appears                    | Presumed         |
| Comparable with            | Probable         |
| Compatible/Compatible with | Suspect(ed)      |
| Consistent with            | Suspicious (for) |
| Favor(s)                   | Typical (of)     |
| Malignant appearing        |                  |

## Exceptions

Cases meeting the following criteria are not reportable to the NJSCR:

- (a) Diagnoses based on cytology specimens containing any ambiguous term listed in (d) above. Exception: The date of a suspicious cytology may be used as the date of diagnosis when a definitive diagnosis follows the suspicious cytology. See Date of Diagnosis coding instructions for more information. This is a change to previous instructions.
- (b) Basal cell carcinomas and squamous cell carcinomas of the skin are NOT reportable, except when they are diagnosed in the labia, clitoris, vulva, prepuce, penis or scrotum.
- (c) Carcinoma in situ of the cervix and/or cervical squamous intraepithelial neoplasia III (CIN III) are NOT reportable.

If any uncertainty regarding the reporting of a particular case exists, the health care facility, physician, dentist, other health care provider or independent clinical laboratory shall:

- 1. Contact the Department for guidance at (609) 633-0500 and/or
- 2. View information on the following website <http://www.nj.gov/health/ces/njsr.shtml> and/or
- 3. View [Appendix E2 of SEER Program manual](#) for Non-reportable examples

The following conditions are reportable to the NJSCR for the site of origin listed. This list is not meant to be exhaustive. Please refer to the [ICD-O-3.2 manual](#) and follow the reportability guidelines above.

### ALL SITES

Askin tumor  
Chordoma  
Cylindroma (except of skin)  
Desmoplastic small round cell tumor  
Dysgerminoma  
Epithelioma, malignant  
Fibroblastic reticular cell tumor  
Germ cell tumor, nonseminomatous  
Germinoma  
Hemangioendothelioma, malignant  
High grade squamous intraepithelial lesion (HSIL)  
Intraepithelial neoplasia grade II/III  
Langerhans cell histiocytosis, disseminated (ONLY)  
Malignant histiocytosis  
Malignant mast cell tumor  
Malignant mastocytosis

**ALL SITES****ADRENAL**

- Adrenal cortical carcinoma
- Adrenal medullary paraganglioma
- Aortic body tumor, malignant
- Carotid body tumor, malignant
- Chromaffin paraganglioma
- Chromaffin tumor
- Chromaffinoma
- Composite pheochromocytoma
- Extra-adrenal paraganglioma, malignant
- Ganglioneuroblastoma
- Germinoma
- Neuroblastoma
- Neuroendocrine carcinoma
- Neuroepithelioma
- Paraganglioma, malignant
- Pheochromoblastoma
- Pheochromocytoma, NOS
- Sympathicoblastoma

**ADRENAL**

- Teratoma, malignant, NOS
- Teratoma w/malignant transformation

**ANUS** (see [G-I Tract](#))

**APPENDIX** (see [G-I Tract](#))

**BILE DUCTS** (see [Gallbladder and Extrahepatic Bile Ducts](#))

**BLOOD** (see [Hematopoietic/Lymphoid](#))

**BLOOD VESSELS** (see [Soft Tissues](#))

**BONE AND JOINTS**

- Adamantinoma
- Ameloblastoma, malignant
- Angioblastoma (+)
- Angiosarcoma
- Askin tumor
- Chondroblastoma, malignant
- Chondrosarcoma

Chordoma  
Ewing Sarcoma  
Fibrous histiocytoma, malignant  
Fibrosarcoma (medullary, periosteal, central, endosteal)  
Giant cell tumor, malignant  
Hemangioendothelioma, malignant  
Mesenchymal chondrosarcoma  
Myeloma  
Odontogenic tumor, malignant  
Osteogenic Sarcoma  
Osteosarcoma  
Peripheral neuroectodermal tumor  
Plasmacytoma  
Solitary fibrous tumor, malignant

**BONE MARROW** (see [Hematopoietic/Lymphoid](#))

**BRAIN & CNS** (brain, spinal cord, cranial nerves, meninges, and other CNS)

Acoustic neuroma (O)  
Ameloblastoma, malignant/metastasizing  
Angiocentric glioma (+)  
Angiolipoma (O)  
Angiomatous meningioma (O)  
Astroblastoma  
Astrocytoma, any type  
Atypical choroid plexus papilloma(+)  
Atypical lipoma (+)  
Atypical meningioma (+)  
Atypical teratoid/ rhabdoid tumor  
Capillary hemangioma (O)  
Cavernous hemangioma/angioma (O)  
Cauda equina neuroendocrine tumor  
Central neurocytoma (+)  
Chordoid glioma (+)  
Chordoma, NOS  
Choroid plexus papilloma, malignant  
Choroid plexus papilloma (O)  
Choroid meningioma (+)  
Clear cell meningioma (+)  
CNS Embryonal tumor, NOS



- CNS tumor with BCCR internal tandem duplication
- Dermoid cyst (O)
- Desmoplastic infantile astrocytoma (+)
- Diffuse astrocytoma, MYB- or MYBL1-altered (+)
- Diffuse leptomeningeal glioneuronal tumor
- Diffuse low-grade glioma, MAPK pathway- altered (+)
- Diffuse melanocytosis (O)
- Diffuse midline glioma, H3 K27-altered
- Diffuse pediatric-type glioma, H3-wildtype and IDH-wildtype
- Dysembryoplastic neuroepithelial tumor (O)
- Dysplastic gangliocytoma of cerebellum (O) (Lhermitte-Duclos)
- Embryonal tumor with multilayered rosettes, NOS
- Embryonal tumor with rhabdoid features
- Ependymoblastoma
- Ependymoma
- Fibrolipoma (O)
- Fibroma (O)
- Fibrous meningioma (O)
- Gangliocytoma (O)
- Ganglioglioma (+)

**BRAIN & CNS** (brain, spinal cord, cranial nerves, meninges, and other CNS)

- Ganglioneuroblastoma
- Ganglioneuroma (O)
- Gemistocytic astrocytoma IDH mutant
- Germinoma
- Glioblastoma
- Gliofibroma (+)
- Glioma, all types
- Gliomatosis cerebri (+)
- Glioneural tumor (+)
- Glioneuronal tumor (+)
- Hemangioblastoma (+)
- Hemangioendothelioma, benign (O)
- Hemangioendothelioma (+)
- Hemangioma (O)
- Hemangiopericytoma, benign (O)
- Hemangiopericytoma (+)
- Hemangiopericytoma, malignant
- High-grade astrocytoma with piloid features (HGAP) (O)
- Infant-type hemispheric glioma
- Juvenile xanthogranuloma (+)
- Leiomyoma (O)
- Leiomyomatosis (+)

- Lipoma (O)
- MALT lymphoma of the dura
- Medulloblastoma (histologically defined)
- Medulloepithelioma
- Melanotic neurofibroma (O)
- Meningeal melanocytoma (+)
- Meningeal sarcomatosis
- Meningioma, malignant
- Meningioma (O)
- Meningiomatosis (+)
- Meningiotheliomatous meningioma (O)
- Meningiothelial meningioma (O)
- Multinodular and vasculating neuronal tumor (MVNT) (O)
- Myxoid glioneuronal tumor
- Myxopapillary ependymoma (+)
- Neoplasm, benign (O)
- Neoplasm, uncertain whether benign or malignant (+)
- Neurilemoma (O)
- Neurinomatosis (+)
- Neuroblastoma

**BRAIN & CNS** (brain, spinal cord, cranial nerves, meninges, and other CNS)

- Neurocytoma (O)
- Neuroepithelioma, NOS
- Neuroma (O)
- Neurothekeoma (O)
- Nerve sheath myxoma
- Nerve sheath tumor
- Oligodendrocytoma/Oligodendroblastoma
- Oligodendroglioma
- Pacinian tumor (O)
- Papillary meningioma
- Papillary glioneuronal tumor
- Paraganglioma
- Peripheral neuroectodermal tumor
- Perineurioma (O)
- Pilocytic Astrocytoma/Juvenile Pilocytic Astrocytoma (+)
- Pineocytoma
- Plexiform neurofibroma (O)
- Polarespongioblastoma
- Polymorphous low-grade neuroepithelial tumor of the young
- Primary intracranial sarcoma, DICER1-mutant
- Primitive neuroectodermal tumor
- Psammomatous meningioma (O)

Rhabdomyoma (O)  
Rosette-forming glioneuronal tumor (+)  
Schwannoma (any)  
Smooth muscle tumor (+)  
Soft tissue tumor, benign (O)  
Solitary fibrous tumor (O)  
Spongioblastoma  
Spongioneuroblastoma  
Subependymal astrocytoma  
Subependymal giant cell astrocytoma (+)  
Subependymoma (+)  
Teratoid medulloepithelioma  
Teratoma, benign (O)  
Teratoma (+)  
Transitional meningioma (O)  
Tumor cells, benign (O)  
Tumor cells, malignant  
Venous hemangioma (O)

## **BREAST**

Adenocarcinoma  
Adenomyoepithelioma with carcinoma  
Apocrine carcinoma  
Carcinoid Tumor, malignant  
Colloid carcinoma  
Comedocarcinoma  
Cribriform carcinoma  
Cystosarcoma phyllodes, malignant only  
Ductal carcinoma, in situ  
Epithelial-myoepithelial carcinoma  
Epithelioma, malignant  
Fibroadenoma, malignant only  
Fibroblastic reticular cell tumor  
Glassy cell carcinoma  
Glycogen rich carcinoma  
Granular cell tumor, malignant  
Hemangioendothelioma, malignant  
Histiocytosis, malignant  
Infiltrating carcinoma of the breast such as:  
    Duct adenocarcinoma  
    Duct and lobular  
    Duct carcinoma

- Duct and Paget's disease
- Ductular
- Lobular
- Inflammatory carcinoma
- Lipid-rich carcinoma
- Lobular carcinoma, in situ
- Lobular and intraductal, in situ
- Lobular neoplasia grade III (LN III)/lobular intraepithelial neoplasia grade III (LIN III)
- Lymphoma
- Medullary carcinoma
- Mesenchymoma, malignant
- Metaplastic carcinoma
- Mixed acinar ductal carcinoma
- Mucinous carcinoma
- Mucinous Cystadenocarcinoma
- Mucoepidermoid carcinoma
- Myoepithelioma, malignant
- Neuroendocrine carcinoma
- Neuroendocrine tumor
- Oncocytic carcinoma

#### **BREAST**

- Papillary carcinoma, in situ
- Paget's disease
- Periductal stromal tumor, low grade
- Phyllodes tumor, malignant
- Polymorphous carcinoma
- Sebaceous carcinoma
- Stromal sarcoma of breast
- Tubular carcinoma

**BRONCHUS** (see [Lung](#))

**CERVIX** (see [Uterus](#))

**COLON** (see [G-I tract](#))

**EAR** (see [Skin](#), [Soft tissue](#))

**ENDOMETRIUM** (see [Uterus](#))

**ESOPHAGUS** (see [G-I tract](#))

#### **EYE**

- Conjunctival intraepithelial neoplasia grade III

Diktyoma, malignant  
Epidermoid carcinoma  
Medulloepithelioma, malignant  
Melanoma, malignant  
Mixed tumor, malignant  
Primary choroidal lymphoma  
Retinoblastoma  
Sarcoma  
Squamous cell carcinoma  
Squamous cell epithelioma  
Squamous Intraepithelial Neoplasia grade II & III (SIN II & III)  
(Tumors of the orbit: See soft tissues and Hematopoietic/Lymphoid)

**FALLOPIAN TUBE** (see [Uterus](#))

**GALLBLADDER AND EXTRAHEPATIC BILE DUCTS**

Adenocarcinoma  
Adenocarcinoma, intestinal type  
Biliary intraepithelial neoplasia, high grade

**GALLBLADDER AND EXTRAHEPATIC BILE DUCTS**

Carcinoid tumor, malignant  
Carcinoma (other)  
Cholangiocarcinoma  
Clear Cell Adenocarcinoma, NOS  
Intestinal-type adenoma, high grade  
Intracholecystic papillary neoplasm (ICPN) with high-grade dysplasia  
Klatskin tumor  
Mixed neuroendocrine non-neuroendocrine neoplasm  
Mucinous Cystadenocarcinoma  
Neuroendocrine Carcinoma

**GASTRO-INTESTINAL TRACT** (esophagus, stomach, intestine, appendix, colon, anus)

Adenocarcinoma  
Adenocarcinoma, intestinal type  
Adenoid cystic carcinoma  
(Adeno) carcinoma in Adenomatous polyp with or without invasion of stalk  
Adenomatous polyp, high grade dysplasia (stomach and small intestine ONLY)  
Adenosarcoma  
Anal intraepithelial neoplasia II & III (AIN II & AIN III)  
Apudoma (+)  
Argentaffinoma (+)  
Basaloid squamous cell carcinoma  
Bowen's disease of anus

- Basal cell adenocarcinoma
- Carcinoid tumor
- Carcinofibroma
- Carcinosarcoma
- Cloacogenic carcinoma
- Combined small cell carcinoma
- Desmoplastic small round cell tumor
- Enterochromaffin cell carcinoid
- Enterochromaffin-like cell tumor, malignant
- Enteroglucagonoma, malignant
- Epidermoid carcinoma
- Epithelioid hemangioendothelioma, malignant
- Esophageal intraepithelial neoplasia (dysplasia), high grade or Grade III
- Extra-adrenal paraganglioma
- Gastrinoma
- Gastroblastoma
- Gastrointestinal autonomic nerve tumor (GANT)
- Gastrointestinal pacemaker cell tumor
- Gastrointestinal stromal tumor (GIST), NOS
- Glucagonoma, malignant

**GASTRO-INTESTINAL TRACT** (esophagus, stomach, intestine, appendix, colon, anus)

- Hemangiopericytoma, malignant
- High grade appendiceal mucinous neoplasm (HAMN)
- High Grade Dysplasia of esophagus, stomach, small intestine
- High grade squamous intraepithelial lesion (HGSIL) of the anus
- Immunoproliferative disease, small intestine
- Intestinal-type adenoma, high grade (stomach and small intestines ONLY)
- Kaposi's Sarcoma
- Low grade appendiceal mucinous neoplasm (LAMN)
- Leiomyosarcoma
- Linitis plastica
- Lymphoepithelioma-like carcinoma
- Lymphoma
- Medullary carcinoma, NOS
- Medullary carcinoma with lymphoid stroma
- Mesodermal mixed tumor
- Mesenchymoma, malignant
- Micropapillary carcinoma, NOS
- Mixed germ cell tumor
- Mixed neuroendocrine non-neuroendocrine neoplasm
- Mixed tumor of esophagus, malignant only
- Mullerian mixed tumor
- Mucoepidermoid carcinoma

Neuroendocrine carcinoma  
Pancreatobiliary-type carcinoma  
Paget disease of anus  
Polypoid adenoma, malignant only  
Serrated dysplasia, high grade (stomach and small intestines ONLY)  
Signet ring cell carcinoma  
Squamous cell carcinoma  
Squamous cell carcinoma, HPV-associated  
Squamous cell carcinoma, HPV-independent  
Squamous cell epithelioma  
Squamous Intraepithelial Neoplasia grade II & III (SIN II & III)  
Somatostatinoma  
Transitional cell carcinoma  
Tubular adenocarcinoma

**HEMATOPOIETIC/LYMPHOID** (Including blood, bone marrow, lymph nodes, spleen and tumors of hematopoietic or lymphoid histogenesis found in other sites.)

Acute erythremic myelosis  
Acute megakaryocytic myelosis  
Acute panmyelosis with myelofibrosis

**HEMATOPOIETIC/LYMPHOID** (Including blood, bone marrow, lymph nodes, spleen and tumors of hematopoietic or lymphoid histogenesis found in other sites.)

Anaplastic large cell lymphoma ALK-negative/Breast implant-associated anaplastic large cell lymphoma  
Blastic plasmacytoid dendritic cell neoplasm  
Chronic lymphoproliferative disorder of NK cells  
Chronic myeloproliferative disease  
Dendritic cell sarcoma  
DiGuglielmo syndrome  
Erdheim-Chester Disease  
Erythroleukemia  
Essential thrombocythemia  
Extraosseous plasmacytoma  
Fibroblastic reticular cell tumor  
Heavy chain disease, all such as:  
    Alpha  
    Gamma (Franklin's Disease)  
    Mu  
    Not otherwise specified  
Histiocytic medullary reticulosis  
Histiocytosis, malignant  
Histiocytosis-X, malignant only  
Hodgkin's Disease, all such as:

- Histiocyte predominant
- Lymphocyte depleted
- Lymphocyte predominant
- Mixed cellularity
- Nodular sclerosing
- Hypereosinophilic syndrome
- Idiopathic thrombocythemia
- Immunoproliferative Disease, NOS
- Langerhans cell histiocytosis, disseminated (ONLY)
- Letterer-Siwe's Disease
- Leukemia, all
- Leukemic reticuloendotheliosis
- Lymphangioleiomyomatosis
- Lymphoid neoplasm
- Lymphoma, all
- Lymphomatoid granulomatosis, grade 3
- Lymphosarcoma
- Lymphoreticular process, malignant
- Malignant histiocytosis
- Malignant mastocytosis/ systemic mastocytosis
- HEMATOPOIETIC/LYMPHOID** (Including blood, bone marrow, lymph nodes, spleen and tumors of hematopoietic or lymphoid histogenesis found in other sites.)
  - Megakaryocytosis, malignant
  - Multiple myeloma
  - Mycosis fungoides
  - Myelodysplastic neoplasm, unclassifiable
  - Myelodysplastic syndrome
  - Myelodysplastic syndrome with ring sideroblasts and multilineage dysplasia
  - Myelofibrosis with myeloid metaplasia, malignant only
  - Myeloid neoplasm
  - Myeloid/lymphoid neoplasms with PCM1-JAK2
  - Myeloid and lymphoid neoplasms with PDGFRB rearrangement
  - Myeloid and lymphoid neoplasm with FGFR1 abnormalities
  - Myeloma
  - Myeloproliferative disease
  - Myelosclerosis
  - Panmyelosis, acute
  - Primary myelofibrosis
  - Polycythemia Vera
  - Post Transplant Lymphoproliferative Disorder (PTLD)
  - Refractory anemia (all)
  - Refractory cytopenia with multilineage dysplasia
  - Refractory neutropenia



Refractory thrombocytopenia  
Reticulosis, malignant  
Reticulum cell sarcoma/tumor  
Rosai-Dorfman disease  
Sezary's disease or syndrome  
Splenic marginal zone B-cell lymphoma  
Systemic mastocytosis  
Systemic EBV pos. T-cell lymphoproliferative disease of childhood  
Therapy related myelodysplastic syndrome  
Waldenstrom's macroglobulinemia or syndrome

**HYPOPHARYNX** (see [Oral Cavity](#))

**KIDNEY**

Adenocarcinoma  
Adenomyosarcoma  
Bosniak IV cystic renal mass  
Carcinoid tumor, malignant  
Clear cell carcinoma  
Ganglioma, anaplastic

**KIDNEY**

Hypernephroma  
Nephroblastoma  
Renal cell carcinoma  
    Eosinophilic solid and cystic  
    TFEB-rearranged  
    Xp11 translocation  
    TFEB-altered  
    t(6;11)  
    ELOC (formerly TCEB1) mutated  
    Fumarate hydratase-deficient RCC ALK-rearranged  
    SMARCB1-deficient medullary-like (undifferentiated, dedifferentiated)  
Renal medullary carcinoma  
Squamous cell carcinoma  
Squamous Intraepithelial Neoplasia grade II & III (SIN II & III)  
Transitional cell carcinoma  
Tubular adenoma, borderline or malignant only  
Wilms's Tumor

**LARYNX AND TRACHEA**

Adenocarcinoma  
Adenocystic carcinoma  
Cylindroma

High grade squamous dysplasia  
Laryngeal Intraepithelial Neoplasia grade II & III (LIN II & III)  
Pulmonary blastoma  
Squamous cell carcinoma  
Squamous Intraepithelial Neoplasia grade II & III (SIN II & III)

LIP (see [Oral Cavity](#))

#### **LIVER AND INTRAHEPATIC BILE DUCTS**

Adenocarcinoma, intestinal type  
Angiosarcoma  
Bile duct carcinoma  
Carcinoid tumor, malignant  
Cholangiocarcinoma  
Hemangioendothelioma, malignant  
Hepatoblastoma  
Hepatocellular carcinoma  
Hepatoma, malignant only  
Intestinal-type adenoma, high grade  
Klatskin tumor

#### **LIVER AND INTRAHEPATIC BILE DUCTS**

Mixed neuroendocrine non-neuroendocrine neoplasm  
Mucinous cystic neoplasm with high-grade intraepithelial neoplasia  
Mucinous cystadenocarcinoma  
Neuroendocrine carcinoma  
Neuroendocrine tumor

#### **LUNG AND BRONCHUS**

Adenocarcinoid tumor  
Adenocarcinoma  
Adenoid cystic carcinoma  
Apudoma (+)  
Argentaffinoma (+)  
Bronchial adenoma (+)  
Bronchial adenoma (carcinoid type)  
Cylindroma  
Diffuse pulmonary lymphangiomatosis  
Epidermoid carcinoma  
Intravascular bronchial alveolar tumor  
Large cell (anaplastic) carcinoma  
Low-grade papillary adenocarcinoma  
Neuroendocrine carcinoma  
Oat cell carcinoma

Pulmonary blastoma  
Sclerosing thymoma  
Intrapulmonary thymoma  
Small cell (anaplastic) carcinoma  
Squamous cell carcinoma  
Squamous Intraepithelial Neoplasia grade II & III (SIN II & III)  
Thoracic SMARCA4-deficient undifferentiated tumor  
Undifferentiated carcinoma

**LYMPH NODE** (see [Hematopoietic/Lymphoid](#))

**MEDIASTINUM** (see [Hematopoietic/Lymphoid](#), [Soft tissue](#), or [THYMUS](#))

**MENINGES** (see [CNS](#))

**MUSCLE** (see [Soft Tissue](#))

**NERVE** (see [Soft Tissue](#))

**NOSE** (Nasal cavity, Para-nasal sinus and Nasopharynx)

Adenocarcinoma  
Bowen disease of nasopharynx  
Chordoma  
Epidermoid carcinoma  
Esthesioneuroblastoma  
HPV-related multiphenotypic sinonasal carcinoma  
Lymphoepithelioma  
Malignant mastocytosis  
Mesenchymoma, malignant  
Neuroblastoma  
Neurilemmoma, malignant  
Olfactory neurogenic tumor  
Rhabdomyosarcoma  
Sarcoma botryoides  
SMARCB1-deficient sinonasal carcinoma  
Squamous cell carcinoma (other than skin)  
Squamous Intraepithelial Neoplasia grade II & III (SIN II & III)  
Yolk sac tumor

#### **ORAL CAVITY AND SALIVARY GLANDS**

Acinic cell carcinoma  
Acinic cell tumor (+)

Adenocarcinoma  
Adenoid cystic carcinoma  
Adenosquamous carcinoma  
Bowen disease  
Cylindroma  
Epidermoid carcinoma  
Granular cell tumor  
Hyalinizing clear cell carcinoma  
Kaposi sarcoma  
Low grade cribriform cystadenocarcinoma (LGCCC)  
Lymphoepithelioma  
Malignant mastocytosis  
Malignant Lymphoma  
Malignant histiocytosis  
Mixed tumor, salivary gland type, malignant only  
Mucoepidermoid carcinoma  
Mucoepidermoid tumor (+)  
Pleomorphic adenoma, malignant only  
Squamous cell carcinoma  
Squamous Intraepithelial Neoplasia grade II & III (SIN II & III)

#### **ORAL CAVITY AND SALIVARY GLANDS**

Sezary syndrome  
Transitional cell carcinoma  
Undifferentiated carcinoma  
Verrucous carcinoma  
Warthin tumor, malignant

#### **OROPHARYNX** (see [Oral Cavity](#))

#### **OVARY**

Adenocarcinoma, NOS  
Adenosarcoma  
Androblastoma, malignant  
Arrhenoblastoma, malignant  
Brenner tumor, malignant only  
Choriocarcinoma  
Clear cell carcinoma  
Dysgerminoma  
Embryonal carcinoma  
Endodermal sinus tumor  
Endometrial stromal sarcoma  
Endometrial stromal sarcoma, low grade  
Endometrioid carcinoma

- Enterochromaffin-like cell tumor, malignant
- Germinoma
- Germ cell tumor, nonseminomatous
- Granulosa cell carcinoma
- Granulosa cell tumor, adult type
- Granulosa cell tumor, malignant only
- Leydig cell tumor, malignant
- Mesonephroid carcinoma
- Mesonephric-like adenocarcinoma
- Mucinous cystadenocarcinoma
- Ovarian stromal tumor, malignant
- Papillary serous cystadenocarcinoma
- Polyembryoma
- Pseudomucinous cystadenocarcinoma
- Seminoma
- Serous papillary cystadenocarcinoma
- Sertoli-Leydig cell tumor, poorly differentiated
- Small cell carcinoma, Intermediate
- Steroid cell tumor, malignant
- Struma ovarii, malignant

#### **OVARY**

- Thecoma, malignant
- Teratoma, malignant
- Trophoblastic tumor, epithelioid
- Yolk-sac tumor

#### **PANCREAS**

- ACTH-producing tumor
- Adenocarcinoma
- Beta cell adenoma
- Cystoadenocarcinoma
- Cystic pancreatic endocrine neoplasm (CPEN)
- Differentiated Penile Intraepithelial Neoplasia
- Endocrine tumor, functioning, NOS
- Enterochromaffin-like cell tumor, malignant
- Enteroglucagonoma, malignant
- Gastrinoma
- Glucagonoma
- Insulinoma, NOS
- Intraductal Papillary Mucinous Neoplasm (IPMN) with high grade dysplasia
- Intraductal oncocytic papillary neoplasm, NOS
- Intraductal oncocytic papillary neoplasm with associated invasive carcinoma
- Intraductal Tubule-Papillary (tubulopapillary) Neoplasm (ITPN)

- Infiltrating duct carcinoma, NOS
- Islet cell adenoma
- Islet cell adenomatosis
- Islet cell carcinoma
- Mixed pancreatic endocrine and exocrine tumor, malignant
- Mucinous Cystic Neoplasm (MCN) with high grade dysplasia
- Nesidioblastoma
- Non-invasive mucinous cystic neoplasm, with high-grade dysplasia (MCN)
- Pancreatic endocrine tumor, malignant
- Pancreatic endocrine tumor, nonfunctioning
- Pancreatic endocrine tumor, NOS
- Pancreatoblastoma
- Pancreatic neoplasia III (PanIN III)
- Papillary cystic tumor (+)
- Papillary neoplasm, pancreatobiliary type with high grade intraepithelial neoplasia
- Serous cystadenocarcinoma
- Solid pseudopapillary neoplasm (SPN)
- Somatostatinoma
- Squamous cell carcinoma
- Squamous Intraepithelial Neoplasia grade II & III (SIN II & III)

## **PANCREAS**

- Vipoma

## **PARAGANGLIA** (see also [Adrenal](#))

- Aortic body paraganglioma
- Aortic body tumor
- Aorticopulmonary paraganglioma
- Carotid body paraganglioma
- Carotid body tumor
- Chemodectoma
- Composite paraganglioma
- Extra-adrenal paraganglioma, NOS
- Glomus jugulare tumor, NOS
- Jugular paraganglioma
- Jugulotympanic paraganglioma
- Laryngeal paraganglioma
- Middle ear paraganglioma
- Non-chromaffin paraganglioma, NOS
- Non-chromaffin paraganglioma (+)
- Vagal paraganglioma

## **PARATHYROID**

- Carcinoma, all

Paraganglioma

**PARANASAL SINUSES** (see [Nose](#))

**PENIS**

- Basal cell carcinoma of Penis and Prepuce (skin of)
- Bowen disease
- Erythroplasia of Queyrat
- Mesodermal mixed tumor Mullerian mixed tumor (C54\_)
- Paget disease, extramammary
- Penile intraepithelial neoplasia, grade III or high grade dysplasia (PeIN III)
- Penile intraepithelial neoplasia (PeIN), undifferentiated
- Queyrat erythroplasia
- Squamous cell carcinoma
  - HPV-associated
  - HPV-independent
- Squamous Intraepithelial Neoplasia grade II & III (SIN II & III)
- Verrucous carcinoma

**PERICARDIUM** (see [Pleura](#))

**PERITONEUM** (see [Pleura](#))

**PHARYNX** (see [Oral Cavity](#))

**PINEAL**

- Dermoid cyst (O)
- Epithelial tumor, benign (O)
- Gangliocytoma (O)
- Ganglioglioma (+)
- Germ cell tumors
- Medulloepithelioma
- Neoplasm, benign (O)
- Papillary tumor of the pineal region
- Pinealoma (+)
- Pineoblastoma
- Pineocytoma (+)
- Primitive neuroectodermal tumor
- Teratoma, benign (O)
- Teratoma (+)

**PITUITARY AND CRANIOPHARYNGEAL DUCT**

- Acidophil adenoma (O)

- Adamantinomatous craniopharyngioma (+)
- Adenoma (O)
- Basophil adenoma (O)
- Chromophobe adenoma (O)
- Clear cell adenoma (O) Clear cell tumor (O)
- Craniopharyngioma (any type) (+)
- Craniopharyngioma, malignant
- Embryoma
- Epithelial tumor, benign (O)
- Ganglioglioma, anaplastic
- Granular cell tumor (O)
- Lipoma (O)
- Mixed acidophil-basophil adenoma (O)
- Mixed cell adenoma (O)
- Monomorphic adenoma (O)
- Neoplasm, uncertain (+)
- Neoplasm, benign (O)
- Oxyphilic adenoma (O)
- Papillary adenoma (O)
- Papillary craniopharyngioma (+)

#### **PITUITARY AND CRANIOPHARYNGEAL DUCT**

- Pituicytoma
- Pituitary adenoma (O)
- Pituitary adenoma/pituitary neuroendocrine tumor (PitNET)
- Pituitary blastoma
- Prolactinoma (O)
- Rathke Pouch tumor (+)
- Sellar ependymoma
- Soft tissue tumor, benign (O)
- Teratoma, benign (O)
- Teratoma (+)
- Tumor cells, benign or uncertain

#### **PLACENTA**

- Choriocarcinoma
- Chorioepithelioma
- Hydatiform mole, malignant (+)
- Invasive mole (+)
- Trophoblastic tumor, epithelioid

#### **PLEURA, PERITONEUM, PERICARDIUM**

- Diffuse pleural mesothelioma



Endometrial stromal sarcoma  
Endometrial stromal sarcoma, low grade  
Fibrin-associated diffuse B-cell lymphoma  
Fibrosarcoma  
Gastrointestinal stromal tumor (GIST)  
Germ cell tumors, malignant  
High-grade serous carcinoma  
Low-grade serous carcinoma  
Mesothelioma  
Myxoid pleomorphic liposarcoma  
Paraganglioma  
Pleuropulmonary blastoma  
Sarcoma

#### **PROSTATE AND SEMINAL VESICLE**

Acinar (adenocarcinoma) sarcomatoid variant  
Adenocarcinoma  
Adenoid cystic carcinoma  
Alveolar rhabdomyosarcoma  
Carcinosarcoma  
Endometrioid carcinoma

#### **PROSTATE AND SEMINAL VESICLE**

Prostatic intraepithelial-like carcinoma  
Rhabdomyosarcoma

#### **RECTUM** (see [G-I Tract](#))

#### **RENAL PELVIS** (see [Urinary Tract](#))

#### **SALIVARY GLANDS** (see [Oral Cavity](#))

#### **SKIN**

Acral lentiginous melanoma, malignant  
Acral melanoma  
Adenosquamous carcinoma  
Adnexal adenocarcinoma  
Aggressive digital papillary adenoma  
Amelanotic melanoma  
Basal cell carcinoma of labia, clitoris, vulva, prepuce, penis and scrotum  
Blue nevus, malignant  
Bowen disease of anus and penis  
Carcinoma in pleomorphic adenoma  
Ceruminous adenocarcinoma

Dermatofibrosarcoma, sarcomatous  
Early/evolving invasive melanoma  
Early/evolving melanoma, in situ  
Eccrine papillary adenocarcinoma  
Eccrine poroma, malignant Fibrous  
histiocytoma, malignant  
Hemangioendothelioma, malignant  
Hemangiopericytoma, malignant  
Hidradenocarcinoma  
Hutchinson's melanotic freckle  
Lentigo maligna  
Low cumulative sun damaged melanoma  
Lymphoma  
Malignant eccrine spiradenoma  
Malignant melanoma arising in a giant congenital nevus  
Malignant Spitz tumor  
Melanocarcinoma  
Melanoma  
Melanosarcoma  
Merkel cell tumor

#### **SKIN**

MPNST with rhabdomyoblastic differentiation  
Mycosis Fungoides  
Myoepithelial carcinoma  
Neurilemmoma, malignant  
Nodular hidradenoma, malignant  
Paget disease, extramammary  
Papillary basaloid carcinoma  
Pseudovascular squamous cell carcinoma  
Porocarcinoma  
Precancerous melanosis, NOS  
Sebaceous carcinoma  
Sezary syndrome  
Skin appendage carcinoma  
Squamous cell carcinoma (of labia, clitoris, vulva, prepuce, penis and scrotum only)  
Superficial spreading melanoma  
Sweat gland carcinoma  
Trichilemmocarcinoma  
Warty-basaloid carcinoma

#### **SOFT TISSUE (including retroperitoneum, peripheral nerve)**

Alveolar rhabdomyosarcoma  
Alveolar soft parts sarcoma

Angiofibrosarcoma  
 Angiosarcoma  
 Chondrosarcoma  
 CIC-rearranged sarcoma  
 Clear cell sarcoma of tendons  
 Ectomesenchymoma  
 Embryonal rhabdomyosarcoma  
 Epithelioid hemangioendothelioma  
 Fibromyxosarcoma  
 Fibrosarcoma  
 Fibrous histiocytoma, malignant  
 Granular cell tumor, malignant  
 Hemangioendothelial sarcoma  
 Hemangioendothelioma, malignant only  
 Hemangiopericytoma, malignant only  
 High-grade serous carcinoma  
 Juvenile rhabdomyosarcoma  
 Kaposi's sarcoma  
 Leiomyosarcoma  
 Liposarcoma

**SOFT TISSUE** (including retroperitoneum, peripheral nerve)

Low-grade serous carcinoma  
 Lymphangioendothelioma, malignant  
 Lymphangiosarcoma  
 Malignant melanotic nerve sheath tumor  
 Mesenchymoma, malignant  
 Mesodermal mixed tumor  
 Metastasizing leiomyoma  
 Mixed germ cell tumor  
 MPNST with rhabdomyoblastic differentiation  
 Myosarcoma  
 Myoepithelial carcinoma  
 Myxoid pleomorphic liposarcoma  
 Myxosarcoma  
 Neuroblastoma  
 Neurogenic sarcoma  
 Neurilemmoma, malignant  
 Osteosarcoma  
 Paraganglioma, malignant  
 Polyembryoma  
 Reticulum cell sarcoma  
 Rhabdoid tumor  
 Rhabdomyoma, malignant

- Rhabdomyosarcoma
- Round cell sarcoma with EWSR1-non-ETS fusions
- Sarcoma botryoides
- Sarcoma with BCOR genetic alterations
- Schwannoma, malignant
- Schwannoma, malignant with rhabdomyoblastomatous differentiation
- Synovial sarcoma
- Trophoblastic tumor, epithelioid
- Yolk sac tumor
- Xanthofibroma, malignant

**SPINAL CORD** (see [CNS](#))

**SPLEEN** (see [Hematopoietic/Lymphoid](#))

**STOMACH** ([G-I Tract](#))

**TESTIS**

- Androblastoma, malignant
- Carcinoid tumor (+)

**TESTIS**

- Choriocarcinoma
- Chorioepithelioma
- Embryoma
- Embryonal carcinoma
- Embryonal teratoma
- Endodermal sinus tumor
- Germ cell carcinoma
- Germ cell neoplasia
- Gonadal stromal tumor, malignant only
- Gonadoblastoma (+)
- Interstitial cell carcinoma
- Intratubular
  - Embryonal carcinoma
  - Germ cell neoplasia, unclassified
  - Yolk sac tumor
  - Teratoma
  - Trophoblast
- Leydig cell carcinoma
- Mature Teratoma in adults (post puberty)
- Mesonephric adenocarcinoma (infantile, juvenile embryonal carcinoma)
- Mixed germ cell tumor
- Placental site trophoblastic tumor of testis

- Polyembryoma
- Seminoma
  - Intratubular seminoma
- Sertoli cell carcinoma
- Spermatoblastoma
- Spermatocytic seminoma
- Spermatocytoma
- Teratoblastoma
- Teratocarcinoma
- Teratoma (+)
- Trophoblastic tumor, epithelioid
- Vitelline tumor
- Yolk sac tumor

#### **THYMUS**

- Atypical thymoma
- Epithelial thymoma
- Germ cell tumors with associated hematological malignancy
- Lymphocytic thymoma, malignant only
- Metaplastic thymoma
- Seminoma

#### **THYMUS**

- Spindle cell thymoma, malignant only
- Spindle epithelial tumor with thymus-like element
- Thymic carcinoid
- Thymoma, NOS
- Thymoma, Type A, AB, B1, B2, B3, atypical variant

#### **THYROID**

- Adenocarcinoma
- Anaplastic carcinoma
- Fibrous histiocytoma, malignant
- Follicular carcinoma
- Giant cell carcinoma
- Hurthle cell adenoma, malignant only
- Hurthle cell tumor, malignant only
- Medullary carcinoma
- Occult sclerosing carcinoma
- Papillary carcinoma
- Undifferentiated carcinoma

#### **TRACHEA** (see [Larynx](#))

#### **URINARY TRACT** (urinary bladder, ureter, urethra, renal pelvis)

- Adenocarcinoma
- Adenosarcoma
- Carcinosarcoma
- Chemodectoma, malignant only
- Ganglioglioma, anaplastic
- Mesodermal mixed tumor
- Mesonephroma, malignant
- Mullerian mixed tumors
- Papillary transitional cell carcinoma
- Paraganglioma (+) Pheochromocytoma, malignant only
- Pure squamous carcinoma of urothelial tract
- Rhabdomyosarcoma
- Spongioneuroblastoma
- Squamotransitional Carcinoma
- Squamous cell carcinoma
- Squamous Intraepithelial Neoplasia grade II & III (SIN II & III)
- Transitional cell carcinoma
- Urothelial cell carcinoma
  - Conventional
  - Large nested

**URINARY TRACT** (urinary bladder, ureter, urethra, renal pelvis)  
 Tubular and microcystic

**UTERUS, UTERINE TUBES, CERVIX**

- Adenoacanthoma
- Adenocarcinoma
- Adenocarcinoma, HPV-associated
- Adenocarcinoma, HPV-independent, clear cell type
- Adenocarcinoma, HPV-independent, gastric type
- Adenocarcinoma, HPV-independent, mesonephric type
- Adenocarcinoma, HPV-independent, NOS
- Adenocarcinoma, Intestinal type
- Adenosarcoma
- Adult granulosa cell tumor
- Adenoid basal cell carcinoma
- Adenosarcoma
- Adenosquamous carcinoma
- Atypical hyperplasia of endometrium
- Bowen disease
- Carcinofibroma
- Choriocarcinoma, NOS

- Endolymphatic stromal myosis (low grade sarcoma)
- Endometrial stromal sarcoma
- Endometrioid adenocarcinoma
- Endometrioid intraepithelial neoplasia (atypical hyperplasia, EIN)
- Germ cell tumor, NOS
- Intraepithelial neoplasm of endometrium
- Leiomyosarcoma
- Mesonephric carcinoma
- Mesonephric-like adenocarcinoma
- Mixed mesodermal tumor
- Mullerian mixed tumor
- PEComa, malignant
- Perivascular epithelial tumor, malignant
- Primitive neuroectodermal tumor
- Serous tubal intraepithelial carcinoma (STIC)
- Squamous cell carcinoma
- Squamous cell carcinoma, HPV-associated
- Squamous cell carcinoma, HPV-independent
- Teratoma, malignant, NOS
- Yolk sac tumor, NOS

## **VULVA AND VAGINA**

- Adenocarcinoma, HPV-associated
- Adenocarcinoma, HPV-independent, NOS
- Adenosarcoma
- Basal cell carcinoma of vulva, clitoris, and labia
- Bowen disease
- Clear cell carcinoma
- Differentiated exophytic vulvar intraepithelial lesion (DEVIL)
- Differentiated vulva intraepithelial neoplasia (VIN)
- Epithelioma, malignant
- Fibrous histiocytoma, malignant
- Germ cell tumor, NOS
- HGSIL (High Grade Squamous Intraepithelial Lesion)
- High grade vulvar intraepithelial neoplasia
- Malignant tumor, all types
- Melanoma
- Mesodermal mixed tumor
- Mesonephroid carcinoma
- Mullerian mixed tumor
- Paget disease, extramammary
- Phyllodes tumor, malignant
- Sarcoma

Solitary fibrous tumor, malignant  
Squamous cell carcinoma  
Squamous cell carcinoma, HPV-associated  
Squamous cell carcinoma, HPV-independent  
Squamous Intraepithelial Neoplasia grade II & III (SIN II & III)  
Trichilemmocarcinoma  
Vaginal intraepithelial neoplasia II & III (VAIN II & III)  
Vulvar intraepithelial neoplasia II & III (VIN II & III)  
Yolk sac tumor, NOS

## RESOURCES AND REFERENCES

NAACCR Guidelines for ICD-O-3.2 Update Implementation

<https://www.naaccr.org/icdo3/>

SEER Program Coding and Staging Manual

<https://seer.cancer.gov/tools/codingmanuals/index.html>

NJSCR Program Manual

<http://www.nj.gov/health/ces/reporting-entities/njsr/>

ICD-O-3 SEER Site/Histology Validation List

<https://seer.cancer.gov/icd-o-3/>

Solid Tumor Rules (Multiple Primaries and Histologies)

<https://seer.cancer.gov/tools/solidtumor/>

(+) Borderline, reportable

(O) Benign, reportable



## APPENDIX E- TABLE OF REQUIRED DATA ITEMS

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**Please reference the most updated version of the NAACCR Data Standards and Data Dictionary which can be found at: <https://www.naaccr.org/data-standards-data-dictionary/>. Required Status Table, Record Layout Table, Data Descriptor Table, and Change Log can be found here, as well as archived and previous versions.**

## APPENDIX F-

# LIST OF HISPANIC SURNAMES

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**The Census List of Hispanic Surnames is a reference that registries can utilize to determine Hispanic origin. For more information on the NAACCR Hispanic Identification Algorithm (NHIA) visit, <http://www.naacr.org/wp-content/uploads/2016/11/NHIA-v2.2.1.pdf> or email NAACCR at [info@naacr.org](mailto:info@naacr.org)**

|            |              |                |           |
|------------|--------------|----------------|-----------|
| ABAC       | ACEBEDO      | AGUASVIVAS     | AGUNDIZ   |
| ABADIA     | ACEDO        | AGUAYO         | AGURCIA   |
| ABARCA     | ACEITUNO     | AGUAYZA        | AGURRE    |
| ABASCAL    | ACENCIO      | AGUDELO        | AGURTO    |
| ABAUNZA    | ACERO        | AGUDO          | AHEDO     |
| ABEA       | ACEUEDO      | AGUELAR        | AHUATL    |
| ABEJA      | ACEVADO      | AGUERO         | AHUMADA   |
| ABELAR     | ACEVEDO      | AGUEROS        | AILON     |
| ABELINO    | ACEVES       | AGUERRE        | AISPURO   |
| ABENDANO   | ACEVEZ       | AGUILA         | AJANEL    |
| ABEYTA     | ACOSTA       | AGUILAR        | AJIATAZ   |
| ABEYTIA    | ACOSTAGARCIA | AGUILARAGUILAR | AJPACAJA  |
| ABILA      | ACOSTALOPEZ  | AGUILARFLORES  | AJPOP     |
| ABILES     | ACOSTAPEREZ  | AGUILARGARCIA  | AJTUN     |
| ABILEZ     | ACUNA        | AGUILARGONZALE | AJU       |
| ABINA      | ACURIO       | AGUILARHERNAND | AJUCUM    |
| ABITIA     | ADAME        | AGUILARLOPEZ   | ALACON    |
| ABITUA     | ADAMES       | AGUILARMARTINE | ALADRO    |
| ABONCE     | ADAMEZ       | AGUILARPEREZ   | ALAFA     |
| ABONZA     | ADAUTO       | AGUILARRAMIREZ | ALAFFA    |
| ABOYTE     | ADON         | AGUILARRODRIGU | ALAGO     |
| ABOYTES    | ADORNO       | AGUILARSANCHEZ | ALAMBAR   |
| ABRAHANTE  | ADRIANZEN    | AGUILER        | ALAMILLA  |
| ABRAHANTES | ADROVER      | AGUILERA       | ALAMILLO  |
| ABRAJAN    | AEDO         | AGUILLAR       | ALAMO     |
| ABRANTE    | AFANADOR     | AGUILLEN       | ALAMOS    |
| ABREGO     | AGABO        | AGUILLERA      | ALANIA    |
| ABREU      | AGADO        | AGUILLON       | ALANIS    |
| ABREV      | AGAMA        | AGUILON        | ALANIZ    |
| ABRICA     | AGIRRE       | AGUILUZ        | ALANZO    |
| ABRIL      | AGOSTO       | AGUINA         | ALAPIZCO  |
| ABUNDES    | AGRAMON      | AGUINADA       | ALAQUINEZ |
| ABUNDEZ    | AGRAMONT     | AGUINAGA       | ALARCO    |
| ABUNDIO    | AGRAMONTE    | AGUINIGA       | ALARCON   |
| ABUNDIS    | AGRAZ        | AGUIRIANO      | ALARDIN   |
| ABUNDIZ    | AGREDA       | AGUIRRA        | ALAS      |
| ABURTO     | AGREDANO     | AGUIRRE        | ALATORRE  |
| ABZUN      | AGREDO       | AGUIRREGARCIA  | ALATRISTE |
| ACA        | AGRIPINO     | AGUIRRELOPEZ   | ALAVA     |
| ACABAL     | AGRONT       | AGUIRRES       | ALAVAREZ  |
| ACANDA     | AGUADO       | AGULLAR        | ALAVEZ    |
| ACATITLAN  | AGUAIZA      | AGUNDEZ        | ALAY      |
| ACEBAL     | AGUALLO      | AGUNDIS        | ALAYO     |

|              |            |            |                |
|--------------|------------|------------|----------------|
| ALAYON       | ALCOZER    | ALLALA     | ALSPURO        |
| ALBA         | ALCUDIA    | ALLENDE    | ALTAGRACIA     |
| ALBALADEJO   | ALDABA     | ALMADA     | ALTAMAR        |
| ALBANES      | ALDACO     | ALMADER    | ALTAMIRA       |
| ALBANEZ      | ALDAMA     | ALMAGER    | ALTAMIRANDA    |
| ALBARAN      | ALDANA     | ALMAGUER   | ALTAMIRANO     |
| ALBARENGA    | ALDAPA     | ALMANSA    | ALTRECHE       |
| ALBARES      | ALDAPE     | ALMANZA    | ALUARADO       |
| ALBAREZ      | ALDARONDO  | ALMANZAN   | ALUAREZ        |
| ALBARRACIN   | ALDAS      | ALMANZAR   | ALULEMA        |
| ALBARRAN     | ALDAVA     | ALMARAS    | ALVA           |
| ALBAVERA     | ALDAZ      | ALMARAZ    | ALVALLE        |
| ALBEAR       | ALDECOA    | ALMAREZ    | ALVANEZ        |
| ALBELO       | ALDERETE   | ALMAZAN    | ALVARA         |
| ALBENO       | ALDRETE    | ALMAZO     | ALVARADO       |
| ALBIAR       | ALDUCIN    | ALMEDINA   | ALVARADOGARCIA |
| ALBIDREZ     | ALDUENDA   | ALMEJO     | ALVARADOLOPEZ  |
| ALBITER      | ALECIO     | ALMENARES  | ALVARAZ        |
| ALBIZO       | ALEGRIA    | ALMENAS    | ALVARDO        |
| ALBIZU       | ALEJANDRE  | ALMENDARES | ALVARENGA      |
| ALBIZURES    | ALEJANDRES | ALMENDAREZ | ALVARES        |
| ALBOR        | ALEJANDREZ | ALMENDARIZ | ALVAREZ        |
| ALBORES      | ALEJANDRO  | ALMENGOR   | ALVAREZALVAREZ |
| ALBORNOZ     | ALEJO      | ALMERAZ    | ALVAREZCRUZ    |
| ALBUERNE     | ALEJOS     | ALMESTICA  | ALVAREZFLORES  |
| ALBUJA       | ALEMAN     | ALMEYDA    | ALVAREZGARCIA  |
| ALBUREZ      | ALEMANY    | ALMODEVA   | ALVAREZGONZALE |
| ALBURQUERQUE | ALEMAR     | ALMODEVAR  | ALVAREZHERNAND |
| ALCALA       | ALENCASTRO | ALMONACI   | ALVAREZLOPEZ   |
| ALCALAN      | ALEQUIN    | ALMONACID  | ALVAREZMARTINE |
| ALCANTA      | ALEVEDO    | ALMONTE    | ALVAREZPEREZ   |
| ALCANTAR     | ALFARO     | ALMONTES   | ALVAREZRAMIREZ |
| ALCARAS      | ALFEREZ    | ALMORA     | ALVAREZRODRIGU |
| ALCARAZ      | ALFONSECA  | ALMUINA    | ALVAREZSANCHEZ |
| ALCAREZ      | ALFONZO    | ALOMA      | ALVARINO       |
| ALCAUTER     | ALGARIN    | ALONSO     | ALVARRACIN     |
| ALCAZAR      | ALGUERA    | ALONZO     | ALVARRAN       |
| ALCERRO      | ALIAGA     | ALOR       | ALVAYERO       |
| ALCIBAR      | ALICEA     | ALOYO      | ALVEAR         |
| ALCIVAR      | ALIRE      | ALPIZAR    | ALVELO         |
| ALCOCER      | ALIRES     | ALQUICIRA  | ALVERA         |
| ALCORTA      | ALIREZ     | ALQUISIRA  | ALVERAZ        |
| ALCOSER      | ALLAICO    | ALSINA     | ALVERIO        |

|            |            |             |           |
|------------|------------|-------------|-----------|
| ALVERZ     | AMEZOLA    | ANGARITA    | APLICANO  |
| ALVIA      | AMEZQUITA  | ANGIANO     | APODACA   |
| ALVIDRES   | AMIAL      | ANGLERO     | APOLINAR  |
| ALVIDREZ   | AMIEVA     | ANGOMAS     | APONTE    |
| ALVILLAR   | AMIGON     | ANGON       | APOTELA   |
| ALVIRA     | AMILL      | ANGUEIRA    | APREZA    |
| ALVIRDE    | AMOEDO     | ANGUIANO    | AQUIJE    |
| ALVIREZ    | AMOROS     | ANGUINO     | AQUILAR   |
| ALVISO     | AMPARAN    | ANGUISACA   | AQUIRRE   |
| ALVITER    | AMPARANO   | ANGULO      | ARACENA   |
| ALVIZAR    | AMPARO     | ANICA       | ARADILLAS |
| ALVIZO     | AMPIE      | ANIMAS      | ARAGON    |
| ALVIZU     | AMPUDIA    | ANLEU       | ARAGONEZ  |
| ALVIZURES  | AMPUERO    | ANORGA      | ARAGUNDI  |
| ALZAGA     | AMURRIO    | ANORVE      | ARAGUZ    |
| ALZAMORA   | ANALCO     | ANTELO      | ARAICA    |
| ALZATE     | ANAMARIA   | ANTEPARA    | ARAIZA    |
| ALZUGARAY  | ANARIBA    | ANTEQUERA   | ARAJO     |
| AMADIS     | ANAVISCA   | ANTEZANA    | ARAMAYO   |
| AMADIZ     | ANAYA      | ANTIGUA     | ARAMBUL   |
| AMADOR     | ANAZCO     | ANTILLON    | ARAMBULA  |
| AMALBERT   | ANCHIA     | ANTIMO      | ARAMBURO  |
| AMALLA     | ANCHONDO   | ANTONETTY   | ARANA     |
| AMANTECATL | ANCHUNDIA  | ANTONGIORGI | ARANCIBIA |
| AMARILLAS  | ANCIRA     | ANTU        | ARANDA    |
| AMARIS     | ANCISO     | ANTUNA      | ARANGO    |
| AMARO      | ANDABLO    | ANTUNEZ     | ARANGUA   |
| AMASTAL    | ANDALON    | ANZALDO     | ARANGURE  |
| AMATON     | ANDALUZ    | ANZALDUA    | ARANGUREN |
| AMAVISCA   | ANDARA     | ANZAR       | ARANIBAR  |
| AMAVIZCA   | ANDAUVERDE | ANZIANI     | ARANIVA   |
| AMAYA      | ANDAZOLA   | ANZO        | ARANO     |
| AMBERT     | ANDIA      | ANZOLA      | ARANZAZU  |
| AMBRIS     | ANDINO     | ANZORA      | ARAOZ     |
| AMBRIZ     | ANDRACA    | ANZUALDA    | ARAUQUE   |
| AMBROCIO   | ANDRADE    | ANZUETO     | ARAUCO    |
| AMENDANO   | ANDRADES   | ANZURES     | ARAUZ     |
| AMENGUAL   | ANDREDE    | ANZUREZ     | ARAUZA    |
| AMERICANO  | ANDREZ     | APAEZ       | ARAVENA   |
| AMESCUA    | ANDUJAR    | APARICIO    | ARAVJO    |
| AMESQUITA  | ANDUJO     | APARICO     | ARBAIZA   |
| AMEZAGA    | ANDURAY    | APARISIO    | ARBALLO   |
| AMEZCUA    | ANGAMARCA  | APAZA       | ARBELAEZ  |

|            |             |            |             |
|------------|-------------|------------|-------------|
| ARBELO     | ARELLANOS   | ARISTY     | ARREAGA     |
| ARBIZO     | ARENAL      | ARIZA      | ARREAZA     |
| ARBIZU     | ARENALES    | ARIZAGA    | ARREAZOLA   |
| ARBOLEDA   | ARENAS      | ARIZMENDEZ | ARRECHEA    |
| ARBULU     | ARENCIBIA   | ARIZMENDI  | ARRECIS     |
| ARCADIA    | ARENIVAR    | ARIZMENDIZ | ARREDONDO   |
| ARCAUTE    | ARENIVAS    | ARIZOLA    | ARREGUI     |
| ARCE       | AREVALO     | ARIZPE     | ARREGUIN    |
| ARCELAY    | AREVALOS    | ARJON      | ARRELLANO   |
| ARCENTALES | AREYAN      | ARJONA     | ARRELLIN    |
| ARCEO      | AREYANO     | ARLEQUIN   | ARRENDO     |
| ARCHAGA    | ARGAEZ      | ARMADILLO  | ARRENDONDO  |
| ARCHEVAL   | ARGANDONA   | ARMAS      | ARREOLA     |
| ARCHIBEQUE | ARGENAL     | ARMENDAREZ | ARREVALO    |
| ARCHILA    | ARGETA      | ARMENDARIS | ARREYGUE    |
| ARCHILLA   | ARGOMANIZ   | ARMENDARIZ | ARREZ       |
| ARCHULETA  | ARGOTE      | ARMENGOL   | ARREZOLA    |
| ARCHUNDE   | ARGUDIN     | ARMENTA    | ARRIAGA     |
| ARCHUNDIA  | ARGUDO      | ARMENTEROS | ARRIAGADA   |
| ARCIA      | ARGUEDAS    | ARMERO     | ARRIAZA     |
| ARCIBA     | ARGUELLES   | ARMIENTA   | ARRIAZOLA   |
| ARCIBAR    | ARGUELLEZ   | ARMIJO     | ARRIERO     |
| ARCIGA     | ARGUELLO    | ARMIJOS    | ARRIETA     |
| ARCILA     | ARGUERA     | ARNEZ      | ARRIGA      |
| ARCINEDA   | ARGUETA     | AROCA      | ARRIOLA     |
| ARCINIEGA  | ARGUIJO     | AROCHA     | ARRISOLA    |
| ARCINIEGAS | ARGUILEZ    | AROCHE     | ARRIVILLAGA |
| ARCOS      | ARGUINZONI  | AROCHO     | ARRIZOLA    |
| ARDILA     | ARGUMANIZ   | AROLLO     | ARRIZON     |
| ARDILES    | ARGUMEDO    | AROS       | ARROCHA     |
| ARDON      | ARIAGA      | AROSEMENA  | ARROJO      |
| AREAS      | ARIAS       | AROSTEGUI  | ARROLIGA    |
| AREBALO    | ARIASLOPEZ  | AROYO      | ARROLLO     |
| AREBALOS   | ARIAZ       | ARoz       | ARRONA      |
| ARECHAR    | ARICIAGA    | ARPERO     | ARRONTE     |
| ARECHE     | ARINAGA     | ARPI       | ARROYA      |
| ARECHIGA   | ARIPEZ      | ARRAMBIDE  | ARROYAVE    |
| AREDONDO   | ARISMENDEZ  | ARRANAGA   | ARROYO      |
| AREIZA     | ARISMENDI   | ARRASTIA   | ARROYOS     |
| AREIZAGA   | ARISPE      | ARRATE     | ARRUBLA     |
| ARELLANES  | ARISTA      | ARRATIA    | ARRUE       |
| ARELLANEZ  | ARISTIZABAL | ARRAZCAETA | ARRUNATEGUI |
| ARELLANO   | ARISTONDO   | ARRAZOLA   | ARRYO       |

|           |            |                |            |
|-----------|------------|----------------|------------|
| ARSOLA    | ASTORGA    | AVILAGARCIA    | AZCONA     |
| ARTALEJO  | ASTRADA    | AVILAHERNANDEZ | AZCUE      |
| ARTAVIA   | ASTRAIN    | AVILALOPEZ     | AZCUY      |
| ARTEAGA   | ASTRAN     | AVILAMARTINEZ  | AZENON     |
| ARTEGA    | ASTUDILLO  | AVILAR         | AZIZE      |
| ARTETA    | ASTURIAS   | AVILAS         | AZMITIA    |
| ARTIAGA   | ATAYDE     | AVILE          | AZOCAR     |
| ARTICA    | ATEHORTUA  | AVILES         | AZOFEIFA   |
| ARTIGA    | ATEMPA     | AVILEZ         | AZPEITIA   |
| ARTIGAS   | ATENCO     | AVINA          | AZUA       |
| ARTILES   | ATIENCIA   | AVITA          | AZUAJE     |
| ARTOLA    | ATIENZO    | AVITIA         | AZUARA     |
| ARVALLO   | ATILANO    | AVITUA         | AZUCAR     |
| ARVAYO    | ATILES     | AVONCE         | AZURDIA    |
| ARVELO    | ATOCHE     | AXUME          | BABILONIA  |
| ARVIZO    | ATONAL     | AYALA          | BACA       |
| ARVIZU    | ATONDO     | AYALAGARCIA    | BACALLAO   |
| ARZABALA  | ATRIAN     | AYALAGONZALEZ  | BACELIS    |
| ARZAMENDI | ATRISCO    | AYALAHERNANDEZ | BACHEZ     |
| ARZAPALO  | AUCAPINA   | AYALALOPEZ     | BACHICHA   |
| ARZATE    | AUCEDA     | AYALAMARTINEZ  | BACILIO    |
| ARZE      | AUCES      | AYALLA         | BACIO      |
| ARZENO    | AUDELO     | AYARD          | BACULIMA   |
| ARZETA    | AUGILAR    | AYARZA         | BADILLA    |
| ARZOLA    | AUILA      | AYARZAGOITIA   | BADILLO    |
| ARZON     | AULESTIA   | AYAVACA        | BAENA      |
| ARZUAGA   | AUMADA     | AYBAR          | BAERGA     |
| ASCENCIO  | AUQUILLA   | AYENDE         | BAEZ       |
| ASCENCION | AURIOLES   | AYERDIS        | BAEZA      |
| ASCENSIO  | AVALO      | AYESTAS        | BAHAMON    |
| ASEBEDO   | AVALOS     | AYLA           | BAHAMONDE  |
| ASENCIO   | AVARADO    | AYLLON         | BAHAMONDES |
| ASENCIOS  | AVARCA     | AYON           | BAHAMUNDI  |
| ASENJO    | AVAREZ     | AYONA          | BAHENA     |
| ASEVEDO   | AVECILLAS  | AYORA          | BAIDE      |
| ASITIMBAY | AVELA      | AYUNGUA        | BAIGORRIA  |
| ASMAL     | AVELAR     | AYUSO          | BAILON     |
| ASPEITIA  | AVELLAN    | AYVAR          | BAIRES     |
| ASPERA    | AVELLANEDA | AZA            | BAIZA      |
| ASPIAZU   | AVELLANET  | AZAMAR         | BAIZABAL   |
| ASTACIO   | AVENDANO   | AZANON         | BAIZAN     |
| ASTELLO   | AVEYTIA    | AZANZA         | BAJANA     |
| ASTETE    | AVILA      | AZCARATE       | BALADES    |

|             |               |             |              |
|-------------|---------------|-------------|--------------|
| BALADEZ     | BALLEZA       | BARBARAN    | BARRIA       |
| BALANDRAN   | BALLINAS      | BARBECHO    | BARRIAL      |
| BALANDRANO  | BALLINES      | BARBERAN    | BARRIENTES   |
| BALANTA     | BALMASEDA     | BARBERENA   | BARRIENTEZ   |
| BALANZAR    | BALSECA       | BARCELO     | BARRIENTO    |
| BALAREZO    | BALSEIRO      | BARCENA     | BARRIENTOS   |
| BALBASTRO   | BALTASAR      | BARCENAS    | BARRIERA     |
| BALBOA      | BALTAZAR      | BARCENES    | BARRIGA      |
| BALBONTIN   | BALTIERRA     | BARCIA      | BARRINTOS    |
| BALBUENA    | BALTIERREZ    | BARDALES    | BARRIO       |
| BALCACER    | BALTODANO     | BARELA      | BARRIONUEVO  |
| BALCACERES  | BALUJA        | BARERRA     | BARRIOS      |
| BALCARCEL   | BALVANEDA     | BARGAS      | BARRIOSLOPEZ |
| BALCAZAR    | BALVERDE      | BARIENTOS   | BARRITA      |
| BALCORTA    | BAMACA        | BARILLAS    | BARROSO      |
| BALDAZO     | BANAGAS       | BARINAS     | BARRUETA     |
| BALDELOMAR  | BANALES       | BARIOS      | BARRUETO     |
| BALDENEGRO  | BANCHS        | BARJAS      | BARSENAS     |
| BALDEON     | BANDA         | BAROCIO     | BARTOLON     |
| BALDERA     | BANDALA       | BAROJAS     | BARTRA       |
| BALDERAS    | BANDERAS      | BARONA      | BARZAGA      |
| BALDERAZ    | BANDIN        | BARQUERA    | BARZALLO     |
| BALDERRAMA  | BANEGAS       | BARQUERO    | BARZOLA      |
| BALDERRAMOS | BANOS         | BARQUIN     | BASABE       |
| BALDEZ      | BANUCHI       | BARRADAS    | BASALDU      |
| BALDIVIA    | BANUELAS      | BARRAGAN    | BASALDUA     |
| BALDIZAN    | BANUELOS      | BARRAJAS    | BASANTES     |
| BALDIZON    | BANUET        | BARRALAGA   | BASAVE       |
| BALDOBINOS  | BANVELOS      | BARRALES    | BASCOPE      |
| BALDOVINOS  | BAQUEDANO     | BARRANDEY   | BASOCO       |
| BALDRICH    | BAQUERA       | BARRANTES   | BASORA       |
| BALENCIA    | BAQUERIZO     | BARRARA     | BASQUES      |
| BALERIO     | BAQUERO       | BARRASA     | BASQUEZ      |
| BALERO      | BARAGAN       | BARRAZA     | BASTARDO     |
| BALLADARES  | BARAGAS       | BARREDA     | BASTIDA      |
| BALLADAREZ  | BARAHONA      | BARRENECHE  | BASTIDAS     |
| BALLARDO    | BARAJAS       | BARRENECHEA | BASUA        |
| BALLEJO     | BARAJASGARCIA | BARRENO     | BASUALDO     |
| BALLEJOS    | BARANDIARAN   | BARRERA     | BASULTO      |
| BALLESTAS   | BARAONA       | BARRERAS    | BASURTO      |
| BALLESTER   | BARAY         | BARRERO     | BATALLA      |
| BALLESTEROS | BARAZA        | BARRETO     | BATARSE      |
| BALLEZ      | BARBA         | BARREZUETA  | BATAZ        |



|                |               |               |             |
|----------------|---------------|---------------|-------------|
| BATISTA        | BEJAR         | BENIQUEZ      | BERRELLEZA  |
| BATIZ          | BEJARAN       | BENITES       | BERREONDO   |
| BATLLE         | BEJARANO      | BENITEZ       | BERRERA     |
| BATRES         | BEJINES       | BENITEZGARCIA | BERREZUETA  |
| BATREZ         | BELALCAZAR    | BENJUMEA      | BERRIEL     |
| BAUSTISTA      | BELASQUES     | BENTACOURT    | BERRIO      |
| BAUTISTA       | BELASQUEZ     | BENTANCOURT   | BERRIOS     |
| BAUTISTACRUZ   | BELAZQUEZ     | BENTANCUR     | BERRIOZABAL |
| BAUTISTAGARCIA | BELECHE       | BENTURA       | BERROA      |
| BAUTISTALOPEZ  | BELEZ         | BENZAN        | BERROCAL    |
| BAUTISTAPEREZ  | BELIZ         | BENZANT       | BERROCALES  |
| BAUTIZTA       | BELLIARD      | BENZOR        | BERRONES    |
| BAUZO          | BELLIDO       | BERAIN        | BERROSPE    |
| BAXCAJAY       | BELLOC        | BERAS         | BERROSPI    |
| BAXIN          | BELLORIN      | BERAUN        | BERROTERAN  |
| BAYARDO        | BELLOSO       | BERAZA        | BERRUECOS   |
| BAYON          | BELMARES      | BERBER        | BERRUM      |
| BAYONA         | BELMAREZ      | BERBERENA     | BERRUN      |
| BAYRON         | BELMONTES     | BERCIAN       | BERTADILLO  |
| BAYZE          | BELMONTEZ     | BERDECIA      | BERUMEN     |
| BAZALAR        | BELMUDEZ      | BERDEJA       | BERZOZA     |
| BAZALDUA       | BELTETON      | BERDEJO       | BESERRA     |
| BAZAN          | BELTRAN       | BERDIEL       | BESU        |
| BAZANTE        | BELTRANDELRIO | BERDUGO       | BETANCE     |
| BAZQUEZ        | BELTRE        | BERDUO        | BETANCES    |
| BAZUA          | BENABE        | BERGANZA      | BETANCO     |
| BAZURTO        | BENABIDES     | BERGARA       | BETANCOUR   |
| BEANES         | BENALCAZAR    | BERIGUETE     | BETANCOURT  |
| BEAS           | BENAVIDES     | BERISTAIN     | BETANCOURTH |
| BEATRIZ        | BENAVIDEZ     | BERLANGA      | BETANCUR    |
| BEAZ           | BENCES        | BERMEA        | BETANCURT   |
| BECCERA        | BENCOMO       | BERMEJO       | BETANZO     |
| BECERA         | BENCOSME      | BERMEO        | BETANZOS    |
| BECERRA        | BENDANA       | BERMUDES      | BETETA      |
| BECERRIL       | BENDEZU       | BERMUDEZ      | BEZADA      |
| BECHO          | BENEDITH      | BERNABEL      | BEZANILLA   |
| BEDOLLA        | BENEGAS       | BERNACET      | BEZARES     |
| BEDON          | BENEJAN       | BERNADAC      | BIAZ        |
| BEDOY          | BENETEZ       | BERNAL        | BIBIAN      |
| BEDOYA         | BENETIZ       | BERNUY        | BIBIANO     |
| BEGAZO         | BENEVIDEZ     | BERRELES      | BIBILONI    |
| BEGUIRISTAIN   | BENGOA        | BERRELEZ      | BIBRIESCA   |
| BEIZA          | BENICIO       | BERRELLEZ     | BIDO        |

|            |             |             |             |
|------------|-------------|-------------|-------------|
| BIELMA     | BONET       | BRACHO      | BUESTAN     |
| BIERA      | BONETE      | BRAMASCO    | BUEZO       |
| BIJARRO    | BONFIL      | BRAMBILA    | BUGARIN     |
| BILLALOBOS | BONIFAZ     | BRAN        | BUILES      |
| BILLANUEVA | BONILLA     | BRAULIO     | BUITRAGO    |
| BILLEGAS   | BONILLAS    | BRAVO       | BUITRON     |
| BILLINI    | BONOLA      | BRAZOBAN    | BUJANDA     |
| BIRRIEL    | BOQUIN      | BREA        | BULNES      |
| BIRRUETA   | BORBOA      | BRECEDA     | BULTRON     |
| BIRRUETE   | BORBOLLA    | BRENA       | BULUX       |
| BISBAL     | BORBON      | BRENES      | BUNAY       |
| BISONO     | BORDAYO     | BRETADO     | BURBANO     |
| BLANCARTE  | BORDOY      | BRETO       | BURBOA      |
| BLANCAS    | BORGAS      | BRIAGAS     | BURCIAGA    |
| BLANCO     | BORJAS      | BRIANO      | BURDIER     |
| BLANQUEL   | BORJON      | BRIBIESCA   | BURGARA     |
| BLANQUET   | BOROR       | BRIBIESCAS  | BURGOA      |
| BLANQUIZ   | BORQUEZ     | BRICENO     | BURGOS      |
| BLASINI    | BORRAYO     | BRIEVA      | BURGUENO    |
| BLAZQUEZ   | BORREGO     | BRIGNONI    | BURIEL      |
| BLONDET    | BORRELI     | BRIONES     | BURITICA    |
| BOADA      | BORRERO     | BRIONEZ     | BURNEO      |
| BOBADILLA  | BORROEL     | BRIOSO      | BURNIAS     |
| BOBET      | BORROTO     | BRISENO     | BURQUEZ     |
| BOCANEGRA  | BORRUEL     | BRISITA     | BURROLA     |
| BOCARD0    | BORUNDA     | BRITEZ      | BURRUEL     |
| BODON      | BOSCAN      | BRITO       | BURSIAGA    |
| BOGARIN    | BOSCANA     | BRIZUELA    | BURUATO     |
| BOGRAN     | BOSQUES     | BROCHE      | BURUCA      |
| BOHORQUEZ  | BOSQUEZ     | BRONCANO    | BUSANET     |
| BOITES     | BOTELLO     | BRUZON      | BUSIO       |
| BOJORGE    | BOTEO       | BUCARDO     | BUSQUETS    |
| BOJORQUES  | BOTERO      | BUCIO       | BUSTAMANTE  |
| BOJORQUEZ  | BOUBION     | BUELNA      | BUSTAMANTES |
| BOLADO     | BOUCHOT     | BUELVAS     | BUSTAMENTE  |
| BOLAINEZ   | BOYAS       | BUENANO     | BUSTILLO    |
| BOLANOS    | BOYZO       | BUENDIA     | BUSTILLOS   |
| BOLORIN    | BRABO       | BUENFIL     | BUSTINZA    |
| BOMBELA    | BRACAMONTE  | BUENO       | BUSTIOS     |
| BONACHEA   | BRACAMONTES | BUENROSTRO  | BUSTOS      |
| BONALES    | BRACAMONTEZ | BUENRROSTRO | BUTANDA     |
| BONCE      | BRACERO     | BUENTELLO   | BUTRON      |
| BONEFONT   | BRACETTY    | BUESO       | BUZO        |

|              |               |              |                |
|--------------|---------------|--------------|----------------|
| CAAL         | CADENAS       | CALLES       | CAMPIZ         |
| CAAMAL       | CADENGO       | CALLETANO    | CAMPOS         |
| CAAMANO      | CADILLO       | CALLIRGOS    | CAMPOSECO      |
| CAB          | CADRIEL       | CALMO        | CAMPOSGARCIA   |
| CABA         | CAEZ          | CALOCA       | CAMPOSLOPEZ    |
| CABADA       | CAGUANA       | CALVA        | CAMPOSMARTINEZ |
| CABADAS      | CAHUANTZI     | CALVACHE     | CAMPOVERDE     |
| CABALLERO    | CAHUE         | CALVARIO     | CAMPOZANO      |
| CABALLEROS   | CAICEDO       | CALVENTE     | CAMPUSANO      |
| CABAN        | CAJAMARCA     | CALVILLO     | CAMPUZANO      |
| CABANAS      | CAJAS         | CALZADA      | CAMUNEZ        |
| CABANILLAS   | CAJERO        | CALZADILLA   | CANABAL        |
| CABARCAS     | CAJIAO        | CALZADILLAS  | CANACA         |
| CABASSA      | CAJIGAS       | CALZADO      | CANAHUI        |
| CABAZOS      | CAJINA        | CALZONCIT    | CANALES        |
| CABELLERO    | CALAFELL      | CAMACHO      | CANALEZ        |
| CABELLO      | CALAMACO      | CAMACHOLOPEZ | CANALS         |
| CABELLOS     | CALAN         | CAMANO       | CANAMAR        |
| CABERA       | CALANCHE      | CAMARAZA     | CANARTE        |
| CABERRA      | CALATAYUD     | CAMARENA     | CANAS          |
| CABEZA       | CALBILLO      | CAMARENO     | CANASTUJ       |
| CABEZAS      | CALCANO       | CAMARERO     | CANAVA         |
| CABEZUDO     | CALCEDO       | CAMARGO      | CANCEL         |
| CABEZUELA    | CALDARON      | CAMARILLO    | CANCHE         |
| CABRALES     | CALDERA       | CAMAS        | CANCHOLA       |
| CABRARA      | CALDERAS      | CAMBARA      | CANCINO        |
| CABREA       | CALDERILLA    | CAMBERO      | CANCINOS       |
| CABREJA      | CALDERIN      | CAMBEROS     | CANDANEDO      |
| CABREJO      | CALDERO       | CAMBRAY      | CANDANOSA      |
| CABREJOS     | CALDERON      | CAMBRELEN    | CANDANOZA      |
| CABRERA      | CALDERONLOPEZ | CAMCHO       | CANDELARIA     |
| CABRERALOPEZ | CALEL         | CAMEJO       | CANDELARIO     |
| CABRERO      | CALERO        | CAMEY        | CANDELAS       |
| CABRERRA     | CALIDONIO     | CAMEZ        | CANDELIER      |
| CABRIALES    | CALIHUA       | CAMILO       | CANDELO        |
| CABUTO       | CALITO        | CAMINERO     | CANDIA         |
| CACEDA       | CALIX         | CAMORLINGA   | CANDRAY        |
| CACERES      | CALIXTO       | CAMPA        | CANEDO         |
| CACEROS      | CALIXTRO      | CAMPECHANO   | CANELA         |
| CACHU        | CALIZ         | CAMPERO      | CANELAS        |
| CACIQUE      | CALLE         | CAMPILLO     | CANELO         |
| CADAVID      | CALLEJAS      | CAMPIRANO    | CANENGUEZ      |
| CADENA       | CALLEROS      | CAMPISTA     | CANETT         |

|            |             |              |                |
|------------|-------------|--------------|----------------|
| CANEZ      | CAQUIAS     | CARDOVA      | CARRILLO       |
| CANGAS     | CARABAJAL   | CAREAGA      | CARRILLOGARCIA |
| CANIL      | CARABAJO    | CARELA       | CARRILLOS      |
| CANISALES  | CARABALI    | CARENO       | CARRILO        |
| CANIZ      | CARABALLO   | CARIAS       | CARRION        |
| CANIZAL    | CARABANTES  | CARIDE       | CARRISAL       |
| CANIZALES  | CARABES     | CARIRE       | CARRISALES     |
| CANIZALEZ  | CARABEZ     | CARMENATE    | CARRISALEZ     |
| CANIZARES  | CARACHEO    | CARMENATES   | CARRISOSA      |
| CANJURA    | CARACHURE   | CARMENATTY   | CARRISOZA      |
| CANO       | CARACOZA    | CARMONA      | CARRIZAL       |
| CANONGO    | CARAMBOT    | CARNALLA     | CARRIZALES     |
| CANPOS     | CARAMES     | CARNERO      | CARRIZALEZ     |
| CANSECO    | CARANGUI    | CARPINTERO   | CARRIZO        |
| CANSINO    | CARAPIA     | CARPINTEYRO  | CARRIZOSA      |
| CANTABRANA | CARATACHEA  | CARPIO       | CARRIZOZA      |
| CANTARERO  | CARAVANTES  | CARRACEDO    | CARTAGENA      |
| CANTE      | CARAVEO     | CARRADA      | CARTAJENA      |
| CANTELLANO | CARAZA      | CARRALERO    | CARTAYA        |
| CANTERA    | CARBAJAL    | CARRALES     | CARTENO        |
| CANTERO    | CARBALLIDO  | CARRAMAN     | CARVAJAL       |
| CANTILLANO | CARBALLO    | CARRANCO     | CARVALLO       |
| CANTILLO   | CARBALLOSA  | CARRANSA     | CARVENTE       |
| CANTORAL   | CARBUCCIA   | CARRANZA     | CASADO         |
| CANTORAN   | CARCACHE    | CARRASCAL    | CASADOS        |
| CANTRES    | CARCAMO     | CARRASCO     | CASAIS         |
| CANTU      | CARCANO     | CARRASCOZA   | CASALES        |
| CANTUA     | CARCHI      | CARRASQUEL   | CASALLAS       |
| CANUL      | CARCHIPULLA | CARRASQUILLA | CASAMAYOR      |
| CAPDEVILA  | CARDEC      | CARRASQUILLO | CASANA         |
| CAPELES    | CARDENA     | CARRATALA    | CASANAS        |
| CAPELLAN   | CARDENAL    | CARRAZANA    | CASANUEVA      |
| CAPERON    | CARDENALES  | CARRAZCO     | CASARES        |
| CAPESTANY  | CARDENAS    | CARREJO      | CASAREZ        |
| CAPETILLO  | CARDENAZ    | CARRENO      | CASARRUBIAS    |
| CAPILLA    | CARDENES    | CARREON      | CASARUBIAS     |
| CAPIRO     | CARDENTEY   | CARRERA      | CASAS          |
| CAPISTRAN  | CARDERO     | CARRERAS     | CASASNOVAS     |
| CAPIZ      | CARDERON    | CARRERO      | CASASOLA       |
| CAPOTE     | CARDET      | CARRETE      | CASAUS         |
| CAPRILES   | CARDIEL     | CARRETERO    | CASCANTE       |
| CAPUCHINO  | CARDINAS    | CARRETO      | CASCO          |
| CAPULIN    | CARDONA     | CARRIEDO     | CASELLAS       |

|              |                |           |           |
|--------------|----------------|-----------|-----------|
| CASERES      | CASTILLOFLORES | CAUDILLO  | CELAYA    |
| CASIAN       | CASTILLOGARCIA | CAUICH    | CELEDON   |
| CASIANO      | CASTILLOHERNAN | CAUSOR    | CELEDONIO |
| CASIAS       | CASTILLOLOPEZ  | CAVALA    | CELICEO   |
| CASILDO      | CASTILLOMARTIN | CAVAZOS   | CELIS     |
| CASILLA      | CASTILLON      | CAVEDA    | CELIZ     |
| CASILLAS     | CASTILLOPEREZ  | CAVERO    | CELLERI   |
| CASIQUE      | CASTILLORODRIG | CAVICH    | CELORIO   |
| CASORLA      | CASTILO        | CAVIEDES  | CENDEJAS  |
| CASTANADA    | CASTINEIRA     | CAVRERA   | CENICEROS |
| CASTANAZA    | CASTIO         | CAXAJ     | CENISEROS |
| CASTANDA     | CASTLLO        | CAYAX     | CENOBIO   |
| CASTANEDA    | CASTOIRE       | CAYCEDO   | CENTENO   |
| CASTANEDO    | CASTORENA      | CAYCHO    | CENTURION |
| CASTANEIRA   | CASTORENO      | CAZALES   | CEPEDA    |
| CASTANER     | CASTREJON      | CAZANAS   | CEPERO    |
| CASTANERA    | CASTRELLON     | CAZARES   | CEPIN     |
| CASTANO      | CASTRILLO      | CAZAREZ   | CERANO    |
| CASTANON     | CASTRILLON     | CAZARIN   | CERAS     |
| CASTANOS     | CASTRO         | CAZORLA   | CERBANTES |
| CASTANUELA   | CASTROCASTRO   | CAZUN     | CERCADO   |
| CASTEDO      | CASTROCRUZ     | CDEBACA   | CERCEDA   |
| CASTEJON     | CASTRODIAZ     | CEBADA    | CERDA     |
| CASTELAN     | CASTROFLORES   | CEBALLO   | CERDAS    |
| CASTELAR     | CASTROGARCIA   | CEBALLOS  | CERECEDES |
| CASTELBLANCO | CASTROGONZALEZ | CEBRERO   | CERECEDO  |
| CASTELEIRO   | CASTROHERNANDE | CEBREROS  | CERECER   |
| CASTELLANOS  | CASTROLOPEZ    | CECENA    | CERECERES |
| CASTELLAR    | CASTROMARTINEZ | CECENAS   | CERECEREZ |
| CASTELLON    | CASTROPEREZ    | CECILIANO | CERECERO  |
| CASTENADA    | CASTRORAMIREZ  | CEDANO    | CEREN     |
| CASTENDA     | CASTROREYES    | CEDENO    | CERERO    |
| CASTENEDA    | CASTRORODRIGUE | CEDIEL    | CERMENO   |
| CASTIBLANCO  | CASTROSANCHEZ  | CEDILLO   | CERNA     |
| CASTILL      | CASTRUITA      | CEDILLOS  | CERNAS    |
| CASTILLA     | CASTULO        | CEDRE     | CERNUDA   |
| CASTILLAS    | CASUL          | CEDRES    | CERON     |
| CASTILLEJA   | CATALA         | CEGUEDA   | CERPA     |
| CASTILLEJO   | CATALAN        | CEJA      | CERPAS    |
| CASTILLEJOS  | CATANO         | CEJAS     | CERRILLO  |
| CASTILLERO   | CATAQUET       | CEJUDO    | CERRILLOS |
| CASTILLIO    | CATETE         | CELADA    | CERRITENO |
| CASTILLO     | CATILLO        | CELADO    | CERRITOS  |

|             |            |                |             |
|-------------|------------|----------------|-------------|
| CERROBLANCO | CHALAS     | CHAVARIN       | CHENO       |
| CERRON      | CHALCO     | CHAVARRI       | CHERREZ     |
| CERROS      | CHALEN     | CHAVARRIA      | CHEVERE     |
| CERTUCHE    | CHALI      | CHAVARRIAGA    | CHEVERES    |
| CERUANTES   | CHALICO    | CHAVARRO       | CHEVEREZ    |
| CERVANTE    | CHAMAGUA   | CHAVARRY       | CHEVEZ      |
| CERVANTES   | CHAMALE    | CHAVELAS       | CHEVRES     |
| CERVANTEZ   | CHAMBA     | CHAVERA        | CHICA       |
| CERVATES    | CHAMIZO    | CHAVERO        | CHICAIZA    |
| CERVENTES   | CHAMORRO   | CHAVERRA       | CHICAS      |
| CERVERA     | CHAMU      | CHAVERRI       | CHICLANA    |
| CESENA      | CHAMUL     | CHAVERRIA      | CHIGO       |
| CESPEDES    | CHANAX     | CHAVESTE       | CHIGUIL     |
| CESTERO     | CHANCHAVAC | CHAVEZ         | CHIHUAHUA   |
| CETINA      | CHANES     | CHAVEZALVAREZ  | CHILEL      |
| CETINO      | CHANEZ     | CHAVEZCHAVEZ   | CHILIN      |
| CEVALLOS    | CHANOCUA   | CHAVEZCRUZ     | CHILLOGALLO |
| CEVILLA     | CHANTACA   | CHAVEZDIAZ     | CHIMAL      |
| CHABARRIA   | CHANZA     | CHAVEZFLORES   | CHIMAN      |
| CHABES      | CHAPA      | CHAVEZGARCIA   | CHIMBAY     |
| CHABEZ      | CHAPARRO   | CHAVEZGOMEZ    | CHIMBO      |
| CHABLA      | CHAPETON   | CHAVEZGONZALEZ | CHIMBORAZO  |
| CHABLE      | CHAPINA    | CHAVEZHERNANDE | CHIMELIS    |
| CHABOLLA    | CHAPOY     | CHAVEZJIMENEZ  | CHIMIL      |
| CHABOYA     | CHARBONIER | CHAVEZLOPEZ    | CHINCHAY    |
| CHACA       | CHARCAS    | CHAVEZMARTINEZ | CHINCHILLA  |
| CHACH       | CHARCO     | CHAVEZMENDOZA  | CHINCHILLAS |
| CHACHA      | CHAREZ     | CHAVEZORTIZ    | CHINEA      |
| CHACIN      | CHARNECO   | CHAVEZPEREZ    | CHINOS      |
| CHACLAN     | CHARO      | CHAVEZRAMIREZ  | CHIPANA     |
| CHACON      | CHARQUENO  | CHAVEZRODRIGUE | CHIPRES     |
| CHAFINO     | CHARRE     | CHAVEZSANCHEZ  | CHIPREZ     |
| CHAGALA     | CHARREZ    | CHAVEZTORRES   | CHIQUETE    |
| CHAGOLLA    | CHARRIA    | CHAVIANO       | CHIQUI      |
| CHAGOLLAN   | CHARRIEZ   | CHAVIRA        | CHIQUEILLO  |
| CHAGOYA     | CHARRIS    | CHAVOLLA       | CHIRIBOGA   |
| CHAGOYAN    | CHARRO     | CHAVOYA        | CHIRINO     |
| CHAIDES     | CHAUCA     | CHAYREZ        | CHIRINOS    |
| CHAIDEZ     | CHAUENZ    | CHAZARRETA     | CHIROY      |
| CHAIRA      | CHAUX      | CHECA          | CHITAY      |
| CHAIREZ     | CHAVAC     | CHECO          | CHITIC      |
| CHAJ        | CHAVANA    | CHEDIAK        | CHIVALAN    |
| CHAJON      | CHAVARIA   | CHEGUE         | CHOC        |

|            |             |             |                |
|------------|-------------|-------------|----------------|
| CHOCOJ     | CLAROS      | COLINDRES   | CONESA         |
| CHOCOTECO  | CLAUDIO     | COLIO       | CONFESOR       |
| CHOJOLAN   | CLAURE      | COLLADA     | CONFORME       |
| CHOLICO    | CLAUSTRO    | COLLADO     | CONRIQUE       |
| CHOLULA    | CLAVEL      | COLLAGUAZO  | CONRIQUEZ      |
| CHOMBO     | CLAVIJO     | COLLANTE    | CONS           |
| CHOQUE     | CLETO       | COLLAO      | CONSECO        |
| CHORA      | COATL       | COLLASO     | CONSTANCIA     |
| CHORRO     | COBA        | COLLAZO     | CONSTANCIO     |
| CHOTO      | COBAR       | COLLAZOS    | CONSTANTE      |
| CHUCA      | COBARRUBIAS | COLMENARES  | CONSTANZA      |
| CHUCHUCA   | COBARRUVIAS | COLMENAREZ  | CONSUEGRA      |
| CHUMACERO  | COBARUBIAS  | COLMENERO   | CONSUELO       |
| CHUMPITAZ  | COBAS       | COLOCHO     | CONSUELOS      |
| CHUQUI     | COBENA      | COLOME      | CONTERO        |
| CHURAPE    | COBIAN      | COLOMER     | CONTLA         |
| CHUTA      | COBIO       | COLOMO      | CONTRARAS      |
| CHUYA      | COBO        | COLON       | CONTRARES      |
| CIBRIAN    | COBOS       | COLONDRES   | CONTRAS        |
| CID        | COC         | COLONRIVERA | CONTRERA       |
| CIENEGA    | COCA        | COLOP       | CONTRERAS      |
| CIENFUEGOS | COCIO       | COLORADO    | CONTRERASGARCI |
| CIERRA     | COCOLAN     | COLORES     | CONTRERASLOPEZ |
| CIEZA      | COCOLETZI   | COLOTL      | CONTRERAZ      |
| CIFUENTES  | COCONE      | COLQUE      | CONTRERES      |
| CIGALA     | COELLO      | COLULA      | CONTRERRAS     |
| CIGARROA   | COFINO      | COLUMBIE    | CONTRES        |
| CIMENTAL   | COFRE       | COLUNGA     | CONZALEZ       |
| CINTO      | COFRESI     | COMACHO     | COPADO         |
| CINTORA    | COHETERO    | COMADURAN   | CORADIN        |
| CINTRON    | COIRA       | COMAYAGUA   | CORADO         |
| CIPRES     | COJ         | COMPANIONI  | CORALES        |
| CIPRIAN    | COJON       | COMPARAN    | CORANADO       |
| CIRIACO    | COJULUN     | COMPEAN     | CORAZON        |
| CIRILO     | COLACION    | COMPIAN     | CORBERA        |
| CIRLOS     | COLADO      | COMPRES     | CORCHADO       |
| CISNERO    | COLARTE     | CONCHA      | CORCHO         |
| CISNEROS   | COLATO      | CONCHAS     | CORCINO        |
| CISNEROZ   | COLAZO      | CONCHOLA    | CORCIO         |
| CISTERNAS  | COLCHADO    | CONDADO     | CORCOLES       |
| CITAL      | COLECIO     | CONDARCO    | CORDERO        |
| CITALAN    | COLEGIO     | CONDORI     | CORDOBA        |
| CLARA      | COLIMA      | CONEJO      | CORDONA        |

|              |              |               |               |
|--------------|--------------|---------------|---------------|
| CORDONES     | CORTEZ       | CRESPIN       | CRUZMORALES   |
| CORDOVA      | CORTEZGARCIA | CRESPO        | CRUZORTIZ     |
| CORDOVES     | CORTEZLOPEZ  | CRIADO        | CRUZPEREZ     |
| CORDOVEZ     | CORTEZPEREZ  | CRIBEIRO      | CRUZRAMIREZ   |
| CORDOVI      | CORTIJO      | CRIOLLO       | CRUZRAMOS     |
| COREA        | CORTINAS     | CRISANTO      | CRUZREYES     |
| COREANO      | CORTINEZ     | CRISANTOS     | CRUZRIOS      |
| COREAS       | CORTORREAL   | CRISOSTO      | CRUZRIVERA    |
| CORELLA      | CORUJO       | CRISTALES     | CRUZRODRIGUEZ |
| CORENA       | CORVALAN     | CRISTAN       | CRUZROJAS     |
| CORIA        | CORVERA      | CRISTANCHO    | CRUZROMERO    |
| CORIANO      | CORZA        | CRISTERNA     | CRUZRUIZ      |
| CORLETTO     | CORZO        | CROZ          | CRUZSANCHEZ   |
| CORNADO      | COSIO        | CRUC          | CRUZSANTIAGO  |
| CORNEJO      | COSME        | CRUCES        | CRUZSANTOS    |
| CORNELIO     | COSSIO       | CRUCET        | CRUZSOTO      |
| CORNIEL      | COSSYLEON    | CRUCETA       | CRUZTORRES    |
| CORNIELLE    | COSTILLA     | CRUIZ         | CRUZVASQUEZ   |
| CORNIER      | COSTILLO     | CRUS          | CRUZVAZQUEZ   |
| COROMINAS    | COSTOSO      | CRUZ          | CRYZ          |
| CORONA       | COTERA       | CRUZADO       | CUADRA        |
| CORONADO     | COTERO       | CRUZAGUILAR   | CUADRADO      |
| CORONEL      | COTO         | CRUZALVAREZ   | CUADRAS       |
| CORONILLA    | COTOC        | CRUZBAUTISTA  | CUADROS       |
| CORPENO      | COTOM        | CRUZCASTRO    | CUAHUIZO      |
| CORPORAN     | COTRINA      | CRUZCHAVEZ    | CUAHUTLE      |
| CORRAL       | COTTO        | CRUZCRUZ      | CUAMANI       |
| CORRALEJO    | COUSO        | CRUZDIAZ      | CUAMATZI      |
| CORRALES     | COUTINO      | CRUZFLORES    | CUANAS        |
| CORRALEZ     | COUVERTIER   | CRUZGARCIA    | CUANETL       |
| CORREA       | COVARRUBIA   | CRUZGOMEZ     | CUAPIO        |
| CORREAL      | COVARRUBIAS  | CRUZGONZALEZ  | CUARA         |
| CORREAS      | COVARRUBIO   | CRUZGUTIERREZ | CUARENTA      |
| CORREDOR     | COVARRUVIAS  | CRUZGUZMAN    | CUAREZMA      |
| CORREO       | COVARUBIAS   | CRUZHERNANDEZ | CUARON        |
| CORRES       | COVIAN       | CRUZHERRERA   | CUARTAS       |
| CORRETJER    | COVOS        | CRUZJIMENEZ   | CUASCUT       |
| CORRIPIO     | COYAZO       | CRUZLOPEZ     | CUATE         |
| CORRO        | COYOTECATL   | CRUZMARTINEZ  | CUATECO       |
| CORTADA      | COYOTL       | CRUZMEDINA    | CUATIANQUIZ   |
| CORTAZAR     | COYOY        | CRUZMEJIA     | CUATLACUATL   |
| CORTES       | COYT         | CRUZMENDEZ    | CUATLATL      |
| CORTESGARCIA | CRESCENCIO   | CRUZMENDOZA   | CUATZO        |



|          |             |                |                |
|----------|-------------|----------------|----------------|
| CUAUTLE  | CURENO      | DECLET         | DELA MAZA      |
| CUAYA    | CURET       | DEDIEGO        | DELA MO        |
| CUAZITL  | CURIEL      | DEGADO         | DELA MORA      |
| CUBANO   | CURILLO     | DEGANTE        | DELA MOTA      |
| CUBAS    | CURRAS      | DEGARCIA       | DELA NGEL      |
| CUBERO   | CURUP       | DEGOLLADO      | DELA NOVAL     |
| CUBIAS   | CURZ        | DEGONZALEZ     | DELA NUEZ      |
| CUBIDES  | CUTZ        | DEGRO          | DELA O         |
| CUBILETE | CUVAS       | DEHARO         | DELA OSA       |
| CUBILLAS | CUX         | DEHERNANDEZ    | DELA OSSA      |
| CUBILLO  | CUYUCH      | DEHERRERA      | DELA PARRA     |
| CUBILLOS | CUZA        | DEHORTA        | DELA PAZ       |
| CUCALON  | CUZCO       | DEHOYOS        | DELA PIEDRA    |
| CUCUTA   | DABILA      | DEHUMA         | DELA PORTILLA  |
| CUEBAS   | DAGNINO     | DEIDA          | DELA PUENTE    |
| CUELLA   | DALMASI     | DEJESUS        | DELA RIVA      |
| CUELLAR  | DALMAU      | DEJESUSGARCIA  | DELA ROCA      |
| CUELLO   | DAMACIO     | DEJESUSLOPEZ   | DELA ROCHA     |
| CUEN     | DAPENA      | DEJULIAN       | DELA ROSA      |
| CUENCA   | DARDON      | DELA           | DELA SANCHA    |
| CUENCAS  | DARIAS      | DELABARRA      | DELA SCASAS    |
| CUENTAS  | DARQUEA     | DELABARRERA    | DELA SIERRA    |
| CUERVO   | DATIL       | DELABRA        | DELA SSALAS    |
| CUESTA   | DAVALOS     | DELA CAMPA     | DELA TEJERA    |
| CUESTAS  | DAVILA      | DELA CERDA     | DELA TORRE     |
| CUETO    | DAZA        | DELA CONCHA    | DELA TORRES    |
| CUEVA    | DEALBA      | DELA CRUS      | DELA TORRIENTE |
| CUEVAS   | DEALEJANDRO | DELA CRUZ      | DELA TRINIDAD  |
| CUIN     | DEALVA      | DELA CUEVA     | DELA VARA      |
| CUIRIZ   | DEANDA      | DELA ESPRIELLA | DELA VINA      |
| CUJI     | DEARCE      | DELA FE        | DELA ZERDA     |
| CULAJAY  | DEARCOS     | DELA FUENTE    | DELA BOSQUE    |
| CULCAY   | DEARMAS     | DELA GARZA     | DELA BUSTO     |
| CULEBRO  | DEARO       | DELA GUARDIA   | DELA CARMEN    |
| CUMBA    | DEASES      | DELA GUILA     | DELA CARPIO    |
| CUMBE    | DEAVILA     | DELA HERRAN    | DELA CASTILLO  |
| CUMPIAN  | DEAZA       | DELA HOYA      | DELA CID       |
| CUMPLIDO | DEBACA      | DELA HOZ       | DELA CRISTO    |
| CUNA     | DEBLAS      | DELA HUERTA    | DELA CRUZ      |
| CUNILL   | DECARDENAS  | DELA ISLA      | DELA CUETO     |
| CUPA     | DECASAS     | DELA LUZ       | DELA EG        |
| CUPELES  | DECESPEDES  | DELA MADRID    | DELA EON       |
| CURBELO  | DECIGA      | DELA MATA      | DELA EONLOPEZ  |

|                |             |               |                |
|----------------|-------------|---------------|----------------|
| DELEONPEREZ    | DELVALLE    | DHEMING       | DICENT         |
| DELFI          | DELVILLAR   | DIAC          | DICOCHEA       |
| DELGADILLO     | DEMARCOS    | DIARTE        | DIEGO          |
| DELGADO        | DEMARTINEZ  | DIAZ          | DIEGUEZ        |
| DELGADOGARCIA  | DEMENDOZA   | DIAZAGUILAR   | DIEPPA         |
| DELGADOHERNAND | DEMIGUEL    | DIAZALVAREZ   | DIERA          |
| DELGADOLOPEZ   | DEMORALES   | DIAZBARRIGA   | DIFO           |
| DELGATO        | DEMOYA      | DIAZCASTILLO  | DILONE         |
| DELHIERRO      | DENA        | DIAZCASTRO    | DIMAS          |
| DELHOYO        | DENAVA      | DIAZCHAVEZ    | DINARTE        |
| DELIRA         | DENOGEAN    | DIAZCRUZ      | DINGUI         |
| DELIZ          | DEOCHOA     | DIAZDELEON    | DINZEY         |
| DELLACRUZ      | DEOLEO      | DIAZDIAZ      | DIODONET       |
| DELLANO        | DEORTA      | DIAZFLORES    | DIONICIO       |
| DELMORAL       | DEPABLO     | DIAZGARCIA    | DIOSDADO       |
| DELMURO        | DEPAZ       | DIAZGOMEZ     | DIPLAN         |
| DELOA          | DEPENA      | DIAZGONZALEZ  | DIRCIO         |
| DELOERA        | DEPEREZ     | DIAZGRANADOS  | DIRZO          |
| DELOLMO        | DEQUESADA   | DIAZGUTIERREZ | DISCUA         |
| DELOPEZ        | DERAMIREZ   | DIAZGUZMAN    | DISLA          |
| DELORBE        | DERAS       | DIAZHERNANDEZ | DIVAS          |
| DELOSRIOS      | DEREZ       | DIAZHERRERA   | DLEON          |
| DELOSSANTO     | DEREZA      | DIAZJIMENEZ   | DOBLADO        |
| DELOSSANTOS    | DEROBLES    | DIAZLEAL      | DOCAMPO        |
| DELOYA         | DERODRIGUEZ | DIAZLOPEZ     | DOLEO          |
| DELOZA         | DEROJAS     | DIAZMARTINEZ  | DOLMO          |
| DELPALACIO     | DERUEDA     | DIAZMEDINA    | DOLORES        |
| DELPINO        | DESANCHEZ   | DIAZMENDEZ    | DOMENECH       |
| DELPOZO        | DESANTIAGO  | DIAZMENDOZA   | DOMIGUEZ       |
| DELRAZO        | DESANTOS    | DIAZMORALES   | DOMINGAS       |
| DELREAL        | DESARDEN    | DIAZORTIZ     | DOMINGUEZ      |
| DELRIO         | DESPAIGNE   | DIAZPEREZ     | DOMINGUEZGARCI |
| DELRISCO       | DETRES      | DIAZRAMIREZ   | DOMINGUEZLOPEZ |
| DELRIVERO      | DETRINIDAD  | DIAZRAMOS     | DOMINGUEZPEREZ |
| DELROSAL       | DEVARGAS    | DIAZREYES     | DOMINGUS       |
| DELSALTO       | DEVARONA    | DIAZRIVERA    | DOMINGUZ       |
| DELSI          | DEVIA       | DIAZRODRIGUEZ | DOMINICCI      |
| DELSID         | DEVICENTE   | DIAZROMERO    | DOMINQUEZ      |
| DELSOLAR       | DEVORA      | DIAZRUIZ      | DONADO         |
| DELTORO        | DEXTRE      | DIAZSANCHEZ   | DONATE         |
| DELUIS         | DEYA        | DIAZSANTOS    | DONAYRE        |
| DELUNA         | DEYNES      | DIAZTORRES    | DONEZ          |
| DELVAL         | DEZAYAS     | DIAZVARGAS    | DONIAS         |

|             |            |             |              |
|-------------|------------|-------------|--------------|
| DONIS       | DUVERGE    | ELICEA      | ERAZO        |
| DONIZ       | DZIB       | ELICERIO    | EREBIA       |
| DONJUAN     | DZUL       | ELICIER     | EREDIA       |
| DONLUCAS    | EARCIA     | ELIGIO      | ERERA        |
| DONOSO      | EBARRA     | ELISEA      | EREVIA       |
| DOPICO      | ECHANDY    | ELISERIO    | ERIVES       |
| DOPORTO     | ECHARTEA   | ELISONDO    | ERIVEZ       |
| DORADO      | ECHAVARRIA | ELIZALDE    | ERIZA        |
| DORADOR     | ECHAZABAL  | ELIZALDI    | ERNANDEZ     |
| DORAME      | ECHEAGARAY | ELIZANDO    | EROSA        |
| DORANTES    | ECHEANDIA  | ELIZARDO    | ERREGUIN     |
| DOROTEO     | ECHEGARAY  | ELIZARRARAS | ERROA        |
| DORRES      | ECHEGOYEN  | ELIZARRARAZ | ESCABAR      |
| DORTA       | ECEMENDIA  | ELIZONDO    | ESCABI       |
| DOSAL       | ECHENIQUE  | ELOISA      | ESCAJEDA     |
| DOTEL       | ECHEVARIA  | ELORREAGA   | ESCALANTE    |
| DOVAL       | ECHEVARRIA | ELORZA      | ESCALERA     |
| DOVALINA    | ECHEVERIA  | ELVIR       | ESCALON      |
| DOZAL       | ECHEVERRI  | ELVIRA      | ESCALONA     |
| DUARTE      | ECHEVERRIA | EMIGDIO     | ESCAMILLA    |
| DUBON       | ECHEVERRY  | EMILIANO    | ESCANDELL    |
| DUCHIMAZA   | ECHEVESTE  | EMMANUELLI  | ESCANDON     |
| DUEÑAS      | EDEZA      | ENAMORADO   | ESCANUELA    |
| DUEÑAZ      | EDUARDO    | ENCALADA    | ESCANUELAS   |
| DUEÑES      | EFIGENIO   | ENCARNACION | ESCARCEGA    |
| DUEÑEZ      | EGAS       | ENCHAUTEGUI | ESCARENO     |
| DUHARTE     | EGIPCIACO  | ENCINAS     | ESCARPITA    |
| DULANTO     | EGOAVIL    | ENCINIA     | ESCARREGA    |
| DULUC       | EGUES      | ENCINIAS    | ESCARSEGA    |
| DUMENG      | EGUEZ      | ENCINO      | ESCARZAGA    |
| DUMENIGO    | EGUIA      | ENCINOSA    | ESCATEL      |
| DUQUE       | EGUILUZ    | ENCISO      | ESCOBALES    |
| DURAN       | EGUINO     | ENCIZO      | ESCOBAR      |
| DURANGARCIA | EGUIZABAL  | ENDARA      | ESCOBARLOPEZ |
| DURANGO     | EGURE      | ENDERICA    | ESCOBEDO     |
| DURANLOPEZ  | EGURROLA   | ENRIGUEZ    | ESCOBOSA     |
| DURAZNO     | EGUSQUIZA  | ENRIQUE     | ESCOBOZA     |
| DURAZO      | ELEJALDE   | ENRIQUES    | ESCOCHEA     |
| DURON       | ELENA      | ENRIQUEZ    | ESCOGIDO     |
| DURTE       | ELENES     | ENRRIQUEZ   | ESCOLASTICO  |
| DUSSAN      | ELGUEA     | ENSALDO     | ESCOLERO     |
| DUTAN       | ELGUERA    | EQUIHUA     | ESCONTRIAS   |
| DUTCHOVER   | ELGUEZABAL | ERAS        | ESCORCIA     |

|                |                |            |                |
|----------------|----------------|------------|----------------|
| ESCORZA        | ESPITIA        | EUAN       | FAUDOA         |
| ESCOT          | ESPONDA        | EUCEDA     | FAUNDEZ        |
| ESCOTO         | ESPRONCEDA     | EUDAVE     | FAURA          |
| ESCOTTO        | ESPUDO         | EUFRACIO   | FAUSTO         |
| ESCOVAR        | ESQUEA         | EULLOQUI   | FAVELA         |
| ESCOVEDO       | ESQUEDA        | EULOGIO    | FAVELLA        |
| ESCRIBA        | ESQUER         | EUMANA     | FAVIAN         |
| ESCRIBANO      | ESQUIBEL       | EURESTE    | FAVILA         |
| ESCUADRA       | ESQUIJAROSA    | EURESTI    | FAXAS          |
| ESCUDERO       | ESQUILIN       | EUYOQUE    | FAZ            |
| ESCUTIA        | ESQUINCA       | EXIGA      | FEBLES         |
| ESMURRIA       | ESQUIUEL       | EXPOSITO   | FEBO           |
| ESPADA         | ESQUIVAL       | EYLICIO    | FEBRES         |
| ESPADAS        | ESQUIVEL       | EYZAGUIRRE | FEIJOO         |
| ESPAILLAT      | ESQUIVEZ       | EZPARZA    | FEITO          |
| ESPAIN         | ESQUIVIAS      | EZPINOZA   | FELAN          |
| ESPALIN        | ESTADA         | EZQUIVEL   | FELIBERTY      |
| ESPANA         | ESTADES        | EZRRE      | FELICIANO      |
| ESPANOZA       | ESTALA         | FABARA     | FELICIE        |
| ESPARRA        | ESTEBANE       | FABELA     | FELIPE         |
| ESPARRAGOZA    | ESTEFANIA      | FABELO     | FELIU          |
| ESPARSA        | ESTELA         | FABILA     | FELIZ          |
| ESPARZA        | ESTERAS        | FACIO      | FEMAT          |
| ESPEJEL        | ESTEVA         | FACUNDO    | FEMATT         |
| ESPENOSA       | ESTEVANE       | FAGUNDO    | FENANDEZ       |
| ESPEÑOZA       | ESTEVEZ        | FAJARDO    | FENTANES       |
| ESPERICUETA    | ESTEVIS        | FALERO     | FERDIN         |
| ESPICHAN       | ESTOPINAN      | FALLAD     | FEREGRINO      |
| ESPIN          | ESTORGA        | FALQUEZ    | FERIA          |
| ESPINAL        | ESTRACA        | FALTO      | FERMAINT       |
| ESPINALES      | ESTRADA        | FALU       | FERMIN         |
| ESPINAR        | ESTRADAGARCIA  | FAMANIA    | FERNANDEZ      |
| ESPINDOLA      | ESTRADAHERNAND | FAMILIA    | FERNANDEZLOPEZ |
| ESPINEL        | ESTRADALOPEZ   | FANA       | FERNANDEZPEREZ |
| ESPINO         | ESTRADAMARTINE | FANDINO    | FERNANDINI     |
| ESPINOBARROS   | ESTRADAPEREZ   | FANJUL     | FERNIZA        |
| ESPINOCA       | ESTRADO        | FARACH     | FERRADAS       |
| ESPINOSA       | ESTRELLA       | FARCIERT   | FERRALES       |
| ESPINOZA       | ESTRELLO       | FAREZ      | FERRALEZ       |
| ESPINOZAGARCIA | ESTREMER       | FARFAN     | FERREIRAS      |
| ESPINOZALOPEZ  | ESTUDILLO      | FARGAS     | FERREIRO       |
| ESPIRICUETA    | ESTUPINAN      | FARIAS     | FERRERAS       |
| ESPIRITUSANTO  | ESTUPINIAN     | FARRERA    | FERRETIZ       |

|                |                |            |               |
|----------------|----------------|------------|---------------|
| FERREYRA       | FLORESCRUZ     | FORTANEL   | FUENTES       |
| FERRUFINO      | FLORES DIAZ    | FORTIZ     | FUENTESGARCIA |
| FERRUSCA       | FLORESFLORES   | FRADERA    | FUENTESLOPEZ  |
| FERRUSQUIA     | FLORESGARCIA   | FRAGOSA    | FUENTEZ       |
| FIALLO         | FLORESGOMEZ    | FRAGOSO    | FUENTS        |
| FIALLOS        | FLORESGONZALEZ | FRAGOZA    | FUENZALIDA    |
| FIERRO         | FLORESHERNANDE | FRAGOZO    | FUERTE        |
| FIERROS        | FLORESHERRERA  | FRAGUADA   | FUGON         |
| FIGAROA        | FLORESJIMENEZ  | FRAGUELA   | FUMERO        |
| FIGEROA        | FLORESLOPEZ    | FRAIDE     | FUNDORA       |
| FIGUEORA       | FLORESLUNA     | FRAIJO     | FUNES         |
| FIGUERA        | FLORESMARTINEZ | FRAILE     | FUNEZ         |
| FIGUEREDO      | FLORESMEJIA    | FRAIRE     | FUNTES        |
| FIGUERO        | FLORESMENDOZA  | FRANCO     | FUSTE         |
| FIGUEROA       | FLORESMORALES  | FRANJUL    | GABALDON      |
| FIGUEROAGARCIA | FLORESMORENO   | FRANKY     | GABINO        |
| FIGUEROAPEREZ  | FLORESORTIZ    | FRANQUEZ   | GACHUZ        |
| FIGUEROLA      | FLORESPEREZ    | FRANQUI    | GACHUZO       |
| FILETO         | FLOESRAMIREZ   | FRANQUIZ   | GACIA         |
| FILPO          | FLOESRAMOS     | FRASQUILLO | GADEA         |
| FIMBRES        | FLOESREYES     | FRAUSTO    | GAETE         |
| FIMBREZ        | FLOESRIVERA    | FRAYLE     | GAIBOR        |
| FINOL          | FLOESRODRIGUE  | FRAYRE     | GAINZA        |
| FIORES         | FLOESROMERO    | FREGOSO    | GAITAN        |
| FIQUEROA       | FLOESRUIZ      | FREGOZO    | GALAN         |
| FIRA           | FLOESSANCHEZ   | FREITES    | GALARCE       |
| FISCAL         | FLOESTORRES    | FRENES     | GALARRAGA     |
| FLAMENCO       | FLOREZ         | FRESCAS    | GALARSA       |
| FLAQUER        | FLORIDO        | FRESNEDA   | GALARZA       |
| FLECHA         | FLORIMON       | FRESQUEZ   | GALAVIS       |
| FLEITAS        | FOLCH          | FRESSE     | GALAVIZ       |
| FLEITES        | FOLGAR         | FREYRE     | GALAZ         |
| FLEMATE        | FOMBONA        | FREYTES    | GALBAN        |
| FLETE          | FONCECA        | FRIAS      | GALBEZ        |
| FLETES         | FONDEUR        | FROMETA    | GALDAMES      |
| FLORAS         | FONSECA        | FRONTELA   | GALDAMEZ      |
| FLORENCIO      | FONTALVO       | FROYLAN    | GALDEANO      |
| FLORES         | FONTANES       | FRUCTUOSO  | GALDOS        |
| FLORESAGUILAR  | FONTANEZ       | FRUTIS     | GALEANA       |
| FLORESCASTILLO | FONTICIELLA    | FRUTOS     | GALEANO       |
| FLORESCASTRO   | FORERO         | FUENMAYOR  | GALEAS        |
| FLORESCHAVEZ   | FORNARIS       | FUENTAS    | GALENO        |
|                | FORNOS         | FUENTE     | GALIANA       |

|             |                |                 |                |
|-------------|----------------|-----------------|----------------|
| GALICIA     | GARANZUAY      | GARCIAGARCIA    | GARCIARIOS     |
| GALINDEZ    | GARATE         | GARCIAGOMEZ     | GARCIARIVAS    |
| GALINDO     | GARAVITO       | GARCIAGONZALES  | GARCIARIVERA   |
| GALLAGA     | GARAY          | GARCIAGONZALEZ  | GARCIAROBLES   |
| GALLAGOS    | GARAYUA        | GARCIAGUERRERO  | GARCIARODRIGUE |
| GALLARDO    | GARCED         | GARCIAGUIRRE    | GARCIAROJAS    |
| GALLARZA    | GARCELL        | GARCIAGUTIERRE  | GARCIAROMERO   |
| GALLARZO    | GARCES         | GARCIAGUZMAN    | GARCIAROSALES  |
| GALLEGO     | GARCEZ         | GARCIAHERNANDE  | GARCIARUBIO    |
| GALLEGOS    | GARCI          | GARCIAHERNANDEZ | GARCIARUIZ     |
| GALLINDO    | GARCIA         | GARCIAHERRERA   | GARCIASALAS    |
| GALLOSA     | GARCIAA        | GARCIAIBARRA    | GARCIASALAZAR  |
| GALLOSO     | GARCIAACOSTA   | GARCIAJIMENEZ   | GARCIASANCHEZ  |
| GALLOZA     | GARCIAAGUILAR  | GARCIAJUAREZ    | GARCIASANDOVAL |
| GALVA       | GARCIAALVARADO | GARCIALARA      | GARCIASANTIAGO |
| GALVAN      | GARCIAALVAREZ  | GARCIALEON      | GARCIASANTOS   |
| GALVES      | GARCIAAVILA    | GARCIALOPEZ     | GARCIASILVA    |
| GALVEZ      | GARCIAAYALA    | GARCIALUNA      | GARCIASOLIS    |
| GALVIS      | GARCIABAUTISTA | GARCIA M        | GARCIASOTO     |
| GAMA        | GARCIACALDERON | GARCIAMARQUEZ   | GARCIATAPIA    |
| GAMARRA     | GARCIACAMPOS   | GARCIAMARTINEZ  | GARCIATORRES   |
| GAMARRO     | GARCIACANO     | GARCIAMEDINA    | GARCIATREJO    |
| GAMAS       | GARCIACARRILLO | GARCIAMEJIA     | GARCIAVALDEZ   |
| GAMBOA      | GARCIACASTILLO | GARCIA MENDEZ   | GARCIAVARGAS   |
| GAMERO      | GARCIACASTRO   | GARCIA MENDOZA  | GARCIAVASQUEZ  |
| GAMEROS     | GARCIACERVANTE | GARCIA MEZA     | GARCIAVAZQUEZ  |
| GAMEZ       | GARCIACHAVEZ   | GARCIA MONTES   | GARCIAVEGA     |
| GAMILLO     | GARCIACONTRERA | GARCIA MORALES  | GARCIAVILLA    |
| GAMINO      | GARCIACORTES   | GARCIA MORENO   | GARCIDUENAS    |
| GAMIZ       | GARCIACORTEZ   | GARCIA MUNOZ    | GARCIGA        |
| GAMONEDA    | GARCIACRUZ     | GARCIA NAVARRO  | GARCILAZO      |
| GANCEDO     | GARCIADEALBA   | GARCIA NUNEZ    | GARCIO         |
| GANDARA     | GARCIADELEON   | GARCIA OROZCO   | GARDEA         |
| GANDARIA    | GARCIADELGADO  | GARCIA ORTEGA   | GARDUNIO       |
| GANDARILLA  | GARCIADIAZ     | GARCIA ORTIZ    | GARDUNO        |
| GANDARILLAS | GARCIADOMINGUE | GARCIAPENA      | GARDUZA        |
| GANDULLA    | GARCIADURAN    | GARCIAPEREZ     | GAREIA         |
| GAÑOZA      | GARCIAESPINOZA | GARCIAPINEDA    | GARFIA         |
| GANTES      | GARCIAESTRADA  | GARCIAR         | GARFIAS        |
| GANUZA      | GARCIAFLORES   | GARCIARAMIREZ   | GARFIO         |
| GANZALEZ    | GARCIAFRANCO   | GARCIARAMOS     | GARGIA         |
| GAONA       | GARCIAFUENTES  | GARCIARANGEL    | GARIBALDO      |
| GARABITO    | GARCIAG        | GARCIAREYES     | GARIBAY        |

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|-------------|------------|----------------|----------------|
| GARIBO      | GELABERT   | GOMAR          | GONGALEZ       |
| GARICA      | GENAO      | GOMAZ          | GONGORA        |
| GARITA      | GENERA     | GOMERA         | GONON          |
| GARIVAY     | GENOVEZ    | GOMERO         | GONSALES       |
| GARMENDEZ   | GERALDINO  | GOMEZ          | GONSALEZ       |
| GARMENDIA   | GERARDINO  | GOMEZAGUILAR   | GONZABA        |
| GARNICA     | GERARDO    | GOMEZCHAVEZ    | GONZAEZ        |
| GARRAFA     | GERENA     | GOMEZCRUZ      | GONZALES       |
| GARRASTEGUI | GERMOSEN   | GOMEZDIAZ      | GONZALEZ       |
| GARRIDO     | GERMOSO    | GOMEZFLORES    | GONZALEZAGUILA |
| GARROBO     | GEVARA     | GOMEZGARCIA    | GONZALEZALVARE |
| GARSA       | GIBOYEAUX  | GOMEZGOMEZ     | GONZALEZAVILA  |
| GARSIA      | GIERBOLINI | GOMEZGONZALEZ  | GONZALEZC      |
| GARZA       | GIJON      | GOMEZGUTIERREZ | GONZALEZCASTRO |
| GARZARO     | GIL        | GOMEZHERNANDEZ | GONZALEZCHAVEZ |
| GARZES      | GILDO      | GOMEZJIMENEZ   | GONZALEZCRUZ   |
| GARZON      | GILER      | GOMEZLOPEZ     | GONZALEZDIAZ   |
| GARZONA     | GIMENES    | GOMEZMARTINEZ  | GONZALEZFLORES |
| GARZORIA    | GIMENEZ    | GOMEZMENDEZ    | GONZALEZG      |
| GASCA       | GINART     | GOMEZMENDOZA   | GONZALEZGARCIA |
| GASCOT      | GINARTE    | GOMEZMORALES   | GONZALEZGOMEZ  |
| GASGA       | GINEL      | GOMEZMORENO    | GONZALEZGONZAL |
| GASTELLO    | GINEZ      | GOMEZORTIZ     | GONZALEZGUZMAN |
| GASTELO     | GINORIO    | GOMEZPEREZ     | GONZALEZHERNAN |
| GASTELUM    | GIRAL      | GOMEZRAMIREZ   | GONZALEZJIMENE |
| GATICA      | GIRALDEZ   | GOMEZRAMOS     | GONZALEZLARA   |
| GAUCIN      | GIRALDO    | GOMEZREYES     | GONZALEZLOPEZ  |
| GAUNA       | GIRALT     | GOMEZRIVERA    | GONZALEZLUNA   |
| GAUSIN      | GIRAU      | GOMEZRODRIGUEZ | GONZALEZM      |
| GAVALDON    | GIRON      | GOMEZROMERO    | GONZALEZMARTIN |
| GAVARRETE   | GIRONA     | GOMEZRUIZ      | GONZALEZMEDINA |
| GAVIA       | GOBEA      | GOMEZSANCHEZ   | GONZALEZMEJIA  |
| GAVIDIA     | GOCHEZ     | GOMEZTORRES    | GONZALEZMENDEZ |
| GAVILAN     | GODERICH   | GOMEZVARGAS    | GONZALEZMENDOZ |
| GAVILANES   | GODINA     | GOMEZVASQUEZ   | GONZALEZMORALE |
| GAVILANEZ   | GODINES    | GOMEZVAZQUEZ   | GONZALEZMORENO |
| GAVINA      | GODINEZ    | GOMORA         | GONZALEZMUNOZ  |
| GAVIRIA     | GODOY      | GOMZALEZ       | GONZALEZNUNEZ  |
| GAXIOLA     | GOENAGA    | GONALEZ        | GONZALEZORTIZ  |
| GAYOSSO     | GOEZ       | GONCALES       | GONZALEZPENA   |
| GAYTAN      | GOICOCHEA  | GONELL         | GONZALEZPEREZ  |
| GAZCA       | GOITIA     | GONEZ          | GONZALEZR      |
| GAZCON      | GOLLAZ     | GONGALES       | GONZALEZRAMIRE |

|                |              |             |                |
|----------------|--------------|-------------|----------------|
| GONZALEZRAMOS  | GRACIA       | GUADARAMA   | GUERECA        |
| GONZALEZREYES  | GRACIAN      | GUADARRAMA  | GUERENA        |
| GONZALEZRIVERA | GRACIANI     | GUADERRAMA  | GUEREQUE       |
| GONZALEZRODRIG | GRACIANO     | GUADIAN     | GUERRA         |
| GONZALEZROJAS  | GRACIDA      | GUADIANA    | GUERREO        |
| GONZALEZROMERO | GRADILLA     | GUADRON     | GUERRERO       |
| GONZALEZRUBIO  | GRADILLAS    | GUAJARDO    | GUERREROGARCIA |
| GONZALEZRUIZ   | GRADIZ       | GUAL        | GUERREROLOPEZ  |
| GONZALEZSANCHE | GRADO        | GUALPA      | GUERREROPEREZ  |
| GONZALEZSANTOS | GRADOS       | GUALPA      | GUERRIDO       |
| GONZALEZSOTO   | GRAFALS      | GUAMAN      | GUERRON        |
| GONZALEZTORRES | GRAGEDA      | GUAMBANA    | GUEUARA        |
| GONZALEZVARGAS | GRAJALES     | GUANA       | GUEVARA        |
| GONZALEZVAZQUE | GRAJEDA      | GUANAJUATO  | GUEVAREZ       |
| GONZALEZVEGA   | GRAMAJO      | GUANCHE     | GUEVERA        |
| GONZALZ        | GRANADENO    | GUANDIQUE   | GUIA           |
| GONZELES       | GRANADINO    | GUANTE      | GUICHARDO      |
| GONZELEZ       | GRANADO      | GUAPO       | GUIFARRO       |
| GONZLES        | GRANADOS     | GUARACA     | GUIJARRO       |
| GONZLEZ        | GRANDEZ      | GUARACHA    | GUIJON         |
| GONZOLAS       | GRANDOS      | GUARCAS     | GUIJOSA        |
| GOPAR          | GRANERA      | GUARCHAJ    | GUILAMO        |
| GORBEA         | GRANIELA     | GUARDADO    | GUILARTE       |
| GORDIAN        | GRANILLO     | GUARDARRAMA | GUILBE         |
| GORDIANO       | GRANIZO      | GUARDERAS   | GUILIN         |
| GORDILLO       | GRANJA       | GUARDIAN    | GUILLAMA       |
| GORDILS        | GRATEREAUX   | GUARDIOLA   | GUILLAN        |
| GORENA         | GRATEROL     | GUAREZ      | GUILLEN        |
| GORGONIO       | GRAULAU      | GUARNEROS   | GUINEA         |
| GOROSTIETA     | GRAVERAN     | GUARNIZO    | GUIRACOCHA     |
| GORRITZ        | GRIEGO       | GUASP       | GUIRADO        |
| GORROSTIETA    | GRIFALDO     | GUATEMALA   | GUIROLA        |
| GORTAREZ       | GRIJALBA     | GUCMAN      | GUISAO         |
| GOTAY          | GRIJALVA     | GUDIEL      | GUITIAN        |
| GOTIERREZ      | GRIMALDO     | GUDINO      | GUITIEREZ      |
| GOVEA          | GRISALES     | GUEBARA     | GUITRON        |
| GOYANES        | GRULLON      | GUEDEA      | GUITY          |
| GOYCO          | GRUZ         | GUEDEZ      | GUIVAS         |
| GOYCOCHEA      | GUABA        | GUEITS      | GUIZA          |
| GOYTIA         | GUACHICHULCA | GUEL        | GUIZADO        |
| GOYZUETA       | GUADALAJARA  | GUEMEZ      | GUIZAR         |
| GOZALES        | GUADALUPE    | GUERA       | GUNCAY         |
| GOZALEZ        | GUADAMUZ     | GUERARA     | GUOX           |



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|----------------|----------------|-----------------|----------------|
| GURDIAN        | HAROS          | HERNANDEZC      | HERNANDEZSANCH |
| GURRERO        | HASBUN         | HERNANDEZCASTR  | HERNANDEZSANTO |
| GURROLA        | HASETTE        | HERNANDEZCHAVE  | HERNANDEZSILVA |
| GURRUSQUIETA   | HAZ            | HERNANDEZCORTE  | HERNANDEZSOTO  |
| GURULE         | HECHAVARRIA    | HERNANDEZCRUZ   | HERNANDEZTORRE |
| GUSMAN         | HELGUERA       | HERNANDEZDIAZ   | HERNANDEZTREJO |
| GUSTAVO        | HEMENEZ        | HERNANDEZFLORE  | HERNANDEZVARGA |
| GUTAMA         | HENANDEZ       | HERNANDEZG      | HERNANDEZVASQU |
| GUTEREZ        | HENAO          | HERNANDEZGARCI  | HERNANDEZVEGA  |
| GUTERREZ       | HENRIQUEZ      | HERNANDEZGARCIA | HERNANDEZVILLA |
| GUTIERRE       | HENRRIQUEZ     | HERNANDEZGOMEZ  | HERNANDZ       |
| GUTIERREC      | HERALDEZ       | HERNANDEZGONZA  | HERNANEZ       |
| GUTIERRES      | HERANDEZ       | HERNANDEZH      | HERNEDEZ       |
| GUTIERREZ      | HERAS          | HERNANDEZHDEZ   | HERRA          |
| GUTIERREZCRUZ  | HERASME        | HERNANDEZHERNA  | HERRADA        |
| GUTIERREZDIAZ  | HERAZO         | HERNANDEZJIMEN  | HERRADOR       |
| GUTIERREZGARCI | HERBAS         | HERNANDEZJUARE  | HERRARTE       |
| GUTIERREZHERNA | HERCULANO      | HERNANDEZLEON   | HERREJON       |
| GUTIERREZLOPEZ | HERDOCIA       | HERNANDEZLOPEZ  | HERRERA        |
| GUTIERREZPEREZ | HEREBIA        | HERNANDEZLUNA   | HERRERACRUZ    |
| GUTIERRZ       | HEREDIA        | HERNANDEZM      | HERRERADIAZ    |
| GUTIREZ        | HERENDEZ       | HERNANDEZMARTI  | HERRERAFLORES  |
| GUTTERREZ      | HEREVIA        | HERNANDEZMEJIA  | HERRERAGARCIA  |
| GUTTIERREZ     | HERMANDEZ      | HERNANDEZMENDE  | HERRERAGONZALE |
| GUTTIREZ       | HERMENEGILDO   | HERNANDEZMENDO  | HERRERAHERNAND |
| GUVARA         | HERMIDA        | HERNANDEZMORAL  | HERRERALOPEZ   |
| GUZMAN         | HERMOSILLO     | HERNANDEZMOREN  | HERRERAMARTINE |
| GUZMANCRUZ     | HERMOZA        | HERNANDEZMUNOZ  | HERRERAPEREZ   |
| GUZMANFLORES   | HERNA          | HERNANDEZNUNEZ  | HERRERARAMIREZ |
| GUZMANGARCIA   | HERNADES       | HERNANDEZORTIZ  | HERRERAREYES   |
| GUZMANGONZALEZ | HERNAIZ        | HERNANDEZPENA   | HERRERARODRIGU |
| GUZMANGUZMAN   | HERNANDAS      | HERNANDEZPEREZ  | HERRERASANCHEZ |
| GUZMANHERNANDE | HERNANDAZ      | HERNANDEZR      | HERRERIAS      |
| GUZMANLOPEZ    | HERNANDE       | HERNANDEZRAMIR  | HERREROS       |
| GUZMANMARTINEZ | HERNANDEC      | HERNANDEZRAMOS  | HERRERRA       |
| GUZMANPEREZ    | HERNANDER      | HERNANDEZREYES  | HERNANDEZ      |
| GUZMANRAMIREZ  | HERNANDES      | HERNANDEZRIO    | HEVIA          |
| GUZMANRODRIGUE | HERNANDEZ      | HERNANDEZRIVER  | HEWTTY         |
| GUZMANSANCHEZ  | HERNANDEZA     | HERNANDEZRODRI  | HICHEZ         |
| GUZMEN         | HERNANDEZAGUIL | HERNANDEZROJAS  | HICIANO        |
| HALCON         | HERNANDEZALVAR | HERNANDEZROMER  | HIDALGO        |
| HARNANDEZ      | HERNANDEZAYALA | HERNANDEZRUIZ   | HIDALGOGATO    |
| HARO           | HERNANDEZB     | HERNANDEZS      | HIDROGO        |

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|------------|----------------|--------------|--------------|
| HIERRO     | HUAPAYA        | IBUADO       | INTERIANO    |
| HIGADERA   | HUAPE          | ICAZA        | INTRIAGO     |
| HIGAREDA   | HUAPILLA       | ICEDO        | INZUNZA      |
| HIGINIO    | HUARACHA       | IDALGO       | IPARRAGUIRRE |
| HIGUERA    | HUATO          | IDARRAGA     | IPATZI       |
| HIGUEROS   | HUAZANO        | IDELFONSO    | IPINA        |
| HIGUITA    | HUCHIN         | IDIAQUEZ     | IRACHETA     |
| HIJAR      | HUERAMO        | IDROBO       | IRAETA       |
| HILDAGO    | HUERECA        | IDROGO       | IRAHETA      |
| HILDALGO   | HUERGO         | IDROVO       | IRAOLA       |
| HILERIO    | HUERTA         | IGARTUA      | IRETA        |
| HIMENEZ    | HUERTAMARTINEZ | IGLECIAS     | IRIAS        |
| HINAJOSA   | HUERTAS        | IGLESIAS     | IRIBE        |
| HINCAPIE   | HUERTERO       | IGUADO       | IRIGOYEN     |
| HINESTROZA | HUESCA         | IGUINA       | IRINEO       |
| HINJOSA    | HUESO          | ILARRAZA     | IRIZARRY     |
| HINOJO     | HUETE          | ILLAN        | IRLAS        |
| HINOJOS    | HUEZO          | ILLANES      | IRRA         |
| HINOJOSA   | HUGUEZ         | ILLAS        | IRRIZARY     |
| HINOJOZA   | HUICHAPA       | ILLESCAS     | IRUEGAS      |
| HINOSTROZA | HUICOCHEA      | INAHUAZO     | ISAGUIRRE    |
| HIRACHETA  | HUIDOBRO       | INAMAGUA     | ISAIAS       |
| HIRALDO    | HUIDOR         | INCHAURREGUI | ISAIS        |
| HIRALES    | HUIJON         | INCLAN       | ISALES       |
| HITA       | HUINAC         | INCLE        | ISARRARAS    |
| HOLGIN     | HUINIL         | INESTROZA    | ISAS         |
| HOLGUIN    | HUIPE          | INFANTAS     | ISASI        |
| HOLQUIN    | HUIPIO         | INFANTE      | ISASSI       |
| HONESTO    | HUITRON        | INFANTES     | ISAULA       |
| HONORATO   | HUITZ          | INFANZON     | ISAZA        |
| HORCASITAS | HUITZIL        | INGUANZO     | ISCOA        |
| HORMAZA    | HUIZAR         | INIELTRA     | ISIDORO      |
| HORNEDO    | HUMALA         | INIGUES      | ISIORDIA     |
| HORTA      | HUMANA         | INIGUEZ      | ISLAS        |
| HOSTOS     | HUNGRIA        | INIQUEZ      | ISLAVA       |
| HOYO       | HURTADO        | INIRIO       | ISMERIO      |
| HOYOS      | HURTARTE       | INOA         | ISORDIA      |
| HUACUJA    | IBANES         | INOJOSA      | ISQUIERDO    |
| HUAMAN     | IBANEZ         | INOSTROZA    | ISUNZA       |
| HUAMANI    | IBARRA         | INSIGNARES   | ITEHUA       |
| HUANCA     | IBARRIA        | INSUA        | ITHIER       |
| HUANOSTA   | IBARRONDO      | INSUNZA      | ITUARTE      |
| HUANTE     | IBOA           | INTERIAN     | ITURBE       |

|           |                |                |               |
|-----------|----------------|----------------|---------------|
| ITURBIDE  | JARAMA         | JIMENIZ        | JUNCO         |
| ITURRALDE | JARAMILLO      | JIMENZ         | JUNEZ         |
| ITURRIAGA | JARDINES       | JIMEZ          | JUNGO         |
| ITURRINO  | JARERO         | JIMINEZ        | JURADO        |
| ITZEP     | JARILLO        | JIMINIAN       | JUREZ         |
| IVANEZ    | JARMILLO       | JIMNEZ         | JUSINO        |
| IXCHOP    | JARQUIN        | JIMON          | JUSTINIANO    |
| IXCOT     | JARRIN         | JINENEZ        | JUSTIZ        |
| IXCOY     | JASO           | JINEZ          | JUVERA        |
| IXTA      | JASSO          | JINZO          | KERCADO       |
| IXTABALAN | JATIVA         | JIRON          | KUILAN        |
| IZA       | JAURE          | JOCOL          | LABASTIDA     |
| IZAGUIRRE | JAUREGUI       | JOFRE          | LABORICO      |
| IZARRARAS | JAUREQUI       | JOGLAR         | LABORIEL      |
| IZARRARAZ | JAUREZ         | JOLON          | LABORIN       |
| IZAZAGA   | JAURIGUI       | JOMARRON       | LABOY         |
| IZGUERRA  | JAVALERA       | JONGUITUD      | LABRA         |
| IZNAGA    | JAZO           | JORQUERA       | LABRADA       |
| IZQUIERDO | JEMINEZ        | JORRIN         | LABRADO       |
| IZURIETA  | JEREZ          | JOSEANTONIO    | LACAN         |
| JABALERA  | JEREZANO       | JOSELUIS       | LACARRA       |
| JACHERO   | JERONIMO       | JOVEL          | LACAYO        |
| JACOBO    | JIJON          | JOYA           | LACHINO       |
| JACOME    | JIMEMEZ        | JUACHE         | LACRUZ        |
| JACOMINO  | JIMENEC        | JUANCARLOS     | LACUNZA       |
| JACQUEZ   | JIMENES        | JUANDIEGO      | LADINO        |
| JACUINDE  | JIMENEZ        | JUANES         | LADRONDEGUEVA |
| JAEN      | JIMENEZCRUZ    | JUANEZ         | LAFARGA       |
| JAHUEY    | JIMENEZDIAZ    | JUARBE         | LAFAURIE      |
| JAIME     | JIMENEZFLORES  | JUAREZ         | LAFUENTE      |
| JAIMES    | JIMENEZGARCIA  | JUAREZCRUZ     | LAGARDA       |
| JAIMEZ    | JIMENEZGOMEZ   | JUAREZGARCIA   | LAGARES       |
| JALDIN    | JIMENEZGONZALE | JUAREZGONZALEZ | LAGOS         |
| JALOMA    | JIMENEZHERNAND | JUAREZHERNANDE | LAGUER        |
| JALOMO    | JIMENEZJIMENEZ | JUAREZLOPEZ    | LAGUNA        |
| JAMAICA   | JIMENEZLOPEZ   | JUAREZMARTINEZ | LAGUNAS       |
| JANDRES   | JIMENEZMARTINE | JUAREZPEREZ    | LAGUNES       |
| JANTES    | JIMENEZMORALES | JUAREZRAMIREZ  | LAHERA        |
| JAPA      | JIMENEZPEREZ   | JUAREZSANCHEZ  | LAHOZ         |
| JAQUEZ    | JIMENEZRAMIREZ | JUCA           | LAINES        |
| JARA      | JIMENEZRODRIGU | JUELA          | LAINEZ        |
| JARACUARO | JIMENEZSANCHEZ | JULCA          | LAIZ          |
| JARAL     | JIMENEZTORRES  | JUNCAL         | LAJARA        |

|               |               |            |               |
|---------------|---------------|------------|---------------|
| LALINDE       | LARANCUENT    | LAVARIEGA  | LEON          |
| LALLAVE       | LARARODRIGUEZ | LAVARREDA  | LEONGARCIA    |
| LALUZ         | LAREDO        | LAVASTIDA  | LEONHERNANDEZ |
| LALVAY        | LARENAS       | LAVAYEN    | LEONIDES      |
| LAMADRID      | LARES         | LAVEAGA    | LEONLOPEZ     |
| LAMAS         | LAREZ         | LAVENANT   | LEONMARTINEZ  |
| LAMBAREN      | LARGAESPADA   | LAYNEZ     | LEONPEREZ     |
| LAMBARENA     | LARIN         | LAYVA      | LEONRAMIREZ   |
| LAMBOY        | LARIOS        | LAZALA     | LEONRODRIGUEZ |
| LAMELAS       | LARIVA        | LAZALDE    | LEONZO        |
| LAMOURT       | LARIZ         | LAZANO     | LEOS          |
| LAMPREA       | LARRACUENTE   | LAZARIN    | LEPE          |
| LANCHEROS     | LARRAGA       | LAZARIT    | LEPEZ         |
| LANDAVAZO     | LARRAIN       | LAZCANO    | LEPIZ         |
| LANDAVERDE    | LARRALDE      | LAZCON     | LERENA        |
| LANDAVERRY    | LARRAMENDI    | LAZO       | LERMA         |
| LANDAZURI     | LARRANAGA     | LAZU       | LESCANO       |
| LANDEO        | LARRAURI      | LEAL       | LESMES        |
| LANDERO       | LARRAZABAL    | LEANDRY    | LESPIER       |
| LANDEROS      | LARRAZOLO     | LEANOS     | LESPRON       |
| LANDESTOY     | LARREA        | LEBARIO    | LETONA        |
| LANDETA       | LARREGUI      | LEBRON     | LEURA         |
| LANDEZ        | LARRETA       | LECAROS    | LEVANO        |
| LANDIVAR      | LARREYNAGA    | LECEA      | LEVARIO       |
| LANDRAU       | LARRIBAS      | LECHUGA    | LEVERON       |
| LANDRIAN      | LARRIUZ       | LECONA     | LEYBA         |
| LANDRON       | LARRIVA       | LECUONA    | LEYJA         |
| LANDROVE      | LARROSA       | LEDESMA    | LEYUA         |
| LANFRANCO     | LARUMBE       | LEDEZMA    | LEYVA         |
| LANGARICA     | LASANTA       | LEDON      | LEYVAS        |
| LANGUREN      | LASCANO       | LEGARDA    | LEZA          |
| LANTIGUA      | LASO          | LEGARIA    | LEZAMA        |
| LANZAS        | LASPRILLA     | LEGARRETA  | LEZCANO       |
| LANZOT        | LASTRA        | LEGORRETA  | LEZO          |
| LAOS          | LASTRE        | LEGRA      | LIAMAS        |
| LAPARRA       | LASTRES       | LEGUILLLOW | LIBORIO       |
| LARA          | LATIGO        | LEGUIZAMO  | LIBOY         |
| LARACUENTE    | LATORRES      | LEGUIZAMON | LIBRADO       |
| LARAGARCIA    | LAUREAN       | LEIJA      | LIBREROS      |
| LARAGONZALEZ  | LAUREANO      | LEIVA      | LICANO        |
| LARAHERNANDEZ | LAUSELL       | LEMUS      | LICEA         |
| LARALOPEZ     | LAVANDERA     | LEMUZ      | LICEAGA       |
| LARAMARTINEZ  | LAVANDIER     | LENDOF     | LICERIO       |

|             |               |                |                |
|-------------|---------------|----------------|----------------|
| LICIAGA     | LLANAS        | LOMBERA        | LOPEZFIGUEROA  |
| LICON       | LLANES        | LOMBRANA       | LOPEZFLORES    |
| LICONA      | LLANEZ        | LOMBRANO       | LOPEZFUENTES   |
| LIENDO      | LLANGARI      | LOMELI         | LOPEZGARCIA    |
| LIERA       | LLANO         | LOMELIN        | LOPEZGOMEZ     |
| LIERAS      | LLANOS        | LOMELY         | LOPEZGONZALES  |
| LIEVANO     | LLAPA         | LONA           | LOPEZGONZALEZ  |
| LIEVANOS    | LLAUGER       | LONDONO        | LOPEZGUERRERO  |
| LIGUEZ      | LLAVERIAS     | LONGINOS       | LOPEZGUTIERREZ |
| LIMARDO     | LLENAS        | LONGORIA       | LOPEZGUZMAN    |
| LIMAS       | LLERA         | LOOR           | LOPEZHERNANDEZ |
| LIMON       | LLERANDI      | LOPEC          | LOPEZHERRERA   |
| LIMONES     | LLERAS        | LOPERA         | LOPEZIBARRA    |
| LIMONTA     | LLERENA       | LOPERENA       | LOPEZJIMENEZ   |
| LINAN       | LLERENAS      | LOPEX          | LOPEZJUAREZ    |
| LINARES     | LLIGUICHUZHCA | LOPEZ          | LOPEZLARA      |
| LINAREZ     | LLIGUICOTA    | LOPEZACOSTA    | LOPEZLEON      |
| LINARTE     | LLINAS        | LOPEZAGUILAR   | LOPEZLOPEZ     |
| LINDAO      | LLIVICURA     | LOPEZALVARADO  | LOPEZLUNA      |
| LINERO      | LLONTOP       | LOPEZALVAREZ   | LOPEZM         |
| LIRA        | LLOPIZ        | LOPEZAVILA     | LOPEZMALDONADO |
| LIRANZO     | LLOSA         | LOPEZAYALA     | LOPEZMARTINEZ  |
| LIRIANO     | LLOVET        | LOPEZBAUTISTA  | LOPEZMEDINA    |
| LISCANO     | LLUBERES      | LOPEZBELTRAN   | LOPEZMEJIA     |
| LISERIO     | LLUCH         | LOPEZCABRERA   | LOPEZMENDEZ    |
| LISOJO      | LOAEZA        | LOPEZCAMACHO   | LOPEZMENDOZA   |
| LITARDO     | LOAISIGA      | LOPEZCAMPOS    | LOPEZMEZA      |
| LITUMA      | LOAIZA        | LOPEZCARDENAS  | LOPEZMIRANDA   |
| LIVAR       | LOARCA        | LOPEZCARRILLO  | LOPEZMOLINA    |
| LIZ         | LOAYZA        | LOPEZCASTILLO  | LOPEZMORALES   |
| LIZALDE     | LOBAINA       | LOPEZCASTRO    | LOPEZMORENO    |
| LIZAMA      | LOBATO        | LOPEZCHAVEZ    | LOPEZMUNOZ     |
| LIZANO      | LOBATOS       | LOPEZCONTRERAS | LOPEZNAVARRO   |
| LIZAOLA     | LOBERA        | LOPEZCORTEZ    | LOPEZNUNEZ     |
| LIZARAZO    | LOBOS         | LOPEZCRUZ      | LOPEZOCHOA     |
| LIZARDE     | LOCANO        | LOPEZDELEON    | LOPEZOROZCO    |
| LIZARDI     | LOERA         | LOPEZDELGADO   | LOPEZORTEGA    |
| LIZARDO     | LOEZA         | LOPEZDIAZ      | LOPEZORTIZ     |
| LIZARRAGA   | LOGRONO       | LOPEZDOMINGUEZ | LOPEZPADILLA   |
| LIZARZABURU | LOJA          | LOPEZESCOBAR   | LOPEZPENA      |
| LIZCANO     | LOJANO        | LOPEZESPINOZA  | LOPEZPEREZ     |
| LLAMA       | LOMA          | LOPEZESTRADA   | LOPEZPINEDA    |
| LLAMAS      | LOMBANA       | LOPEZFERNANDEZ | LOPEZRAMIREZ   |

|                |               |               |            |
|----------------|---------------|---------------|------------|
| LOPEZRAMOS     | LOURIDO       | LUNALOPEZ     | MADERA     |
| LOPEZREYES     | LOVERA        | LUNAMARTINEZ  | MADERO     |
| LOPEZRIOS      | LOVERAS       | LUNAPEREZ     | MADIEDO    |
| LOPEZRIVERA    | LOVO          | LUNAR         | MADRANO    |
| LOPEZRODRIGUEZ | LOVOS         | LUNARAMIREZ   | MADRID     |
| LOPEZROJAS     | LOYA          | LUNARODRIGUEZ | MADRIGAL   |
| LOPEZROMERO    | LOYNAZ        | LUNASANCHEZ   | MADRIGALES |
| LOPEZRUIZ      | LOYO          | LUPERCIO      | MADRIL     |
| LOPEZSALAZAR   | LOZA          | LUPERON       | MADRILES   |
| LOPEZSANCHEZ   | LOZADA        | LUPEZ         | MADRIZ     |
| LOPEZSANDOVAL  | LOZADO        | LUPIAN        | MADRUENO   |
| LOPEZSANTIAGO  | LOZANO        | LUQUE         | MADUENA    |
| LOPEZSANTOS    | LOZORIA       | LUQUENO       | MADUENO    |
| LOPEZSILVA     | LOZOYA        | LUQUEZ        | MAESE      |
| LOPEZSOLIS     | LUA           | LUQUIN        | MAESTAS    |
| LOPEZSOTO      | LUACES        | LUQUIS        | MAESTRE    |
| LOPEZTORRES    | LUBO          | LUVIAN        | MAEZ       |
| LOPEZVALDEZ    | LUCATERO      | LUVIANO       | MAFLA      |
| LOPEZVARGAS    | LUCERO        | LUVIANOS      | MAGADAN    |
| LOPEZVASQUEZ   | LUCIO         | LUYANDO       | MAGALLAN   |
| LOPEZVAZQUEZ   | LUDENA        | LUYO          | MAGALLANES |
| LOPEZVEGA      | LUDIZACA      | LUZANIA       | MAGALLANEZ |
| LOPEZVELASQUEZ | LUEBANO       | LUZANILLA     | MAGALLON   |
| LOPEZVELAZQUEZ | LUENGAS       | LUZARDO       | MAGANA     |
| LOPEZZAVALA    | LUENGO        | LUZUNARIS     | MAGANDA    |
| LORA           | LUERA         | LUZURIAGA     | MAGARIN    |
| LORANCA        | LUERAS        | MACANCELA     | MAGARINO   |
| LOREDO         | LUEVANO       | MACARENA      | MAGDALENO  |
| LORENZANA      | LUEVANOS      | MACARENO      | MAGUEYAL   |
| LORETDEMOLA    | LUGARDO       | MACARIO       | MAGUINA    |
| LOREZ          | LUGARO        | MACAS         | MAHECHA    |
| LORIGA         | LUGO          | MACEDA        | MAIDANA    |
| LORONA         | LUGONES       | MACEDONIO     | MAIDONADO  |
| LORTA          | LUISJUAN      | MACEIRA       | MAINEZ     |
| LOSADA         | LUJAN         | MACEO         | MAIRENA    |
| LOSANO         | LUJANO        | MACHAIN       | MAISONAVE  |
| LOSOLLA        | LULE          | MACHIC        | MAISONET   |
| LOSOYA         | LUMBI         | MACHICOTE     | MAJALCA    |
| LOSTAUNAU      | LUMBRERAS     | MACHORRO      | MAJANO     |
| LOTERO         | LUNA          | MACHUCA       | MAJIA      |
| LOUBRIEL       | LUNAGARCIA    | MACIAS        | MALACARA   |
| LOUCEL         | LUNAGONZALEZ  | MACIEL        | MALAGON    |
| LOURDES        | LUNAHERNANDEZ | MACUIL        | MALANCHE   |

|            |            |                |                |
|------------|------------|----------------|----------------|
| MALARET    | MANOTAS    | MARDONES       | MARTIEZ        |
| MALAVE     | MANQUERO   | MARDUENO       | MARTILLO       |
| MALAVAR    | MANQUEROS  | MARENTES       | MARTINAS       |
| MALAVET    | MANRESA    | MARERO         | MARTINAZ       |
| MALDONA    | MANRIQUE   | MARES          | MARTINDELCAMP  |
| MALDONADO  | MANRIQUES  | MAREZ          | MARTINDELCAMPO |
| MALDONALDO | MANRIQUEZ  | MARGARITO      | MARTINES       |
| MALDONDO   | MANRRIQUE  | MARIACA        | MARTINEX       |
| MALENDEZ   | MANRRIQUEZ | MARIAELENA     | MARTINEZ       |
| MALESPIN   | MANSANARES | MARIAGUADALUPE | MARTINEZAGUILA |
| MALFABON   | MANSILLA   | MARICHAL       | MARTINEZALVARE |
| MALFAVON   | MANTECA    | MARICHALAR     | MARTINEZAYALA  |
| MALPARTIDA | MANTECON   | MARICHE        | MARTINEZC      |
| MALPICA    | MANTILLA   | MARIDUENA      | MARTINEZCASTIL |
| MALTES     | MANUELES   | MARILES        | MARTINEZCASTRO |
| MALTEZ     | MANZANARES | MARIN          | MARTINEZCHAVEZ |
| MALTOS     | MANZANAREZ | MARINELARENA   | MARTINEZCRUZ   |
| MALVAEZ    | MANZANEDO  | MARINERO       | MARTINEZDIAZ   |
| MAMANI     | MANZANERA  | MARINES        | MARTINEZFLORES |
| MANANA     | MANZANERO  | MARINEZ        | MARTINEZG      |
| MANCERA    | MANZANET   | MARIONA        | MARTINEZGARCIA |
| MANCERO    | MANZANILLO | MARISCAL       | MARTINEZGOMEZ  |
| MANCHA     | MANZANO    | MARISTANY      | MARTINEZGONZAL |
| MANCHAME   | MANZUETA   | MARIZAN        | MARTINEZGUZMAN |
| MANCHEGO   | MAQUEDA    | MARMOL         | MARTINEZHERNAN |
| MANCHENO   | MAQUEIRA   | MARMOLEJO      | MARTINEZHERRER |
| MANCIA     | MAQUEZ     | MARMOLEJOS     | MARTINEZJIMENE |
| MANCIAS    | MAQUILON   | MAROQUIN       | MARTINEZJUAREZ |
| MANCILLA   | MARADIAGA  | MARQUEZ        | MARTINEZLARA   |
| MANCILLAS  | MARALES    | MARQUEZGARCIA  | MARTINEZLOPEZ  |
| MANCINAS   | MARANTE    | MARQUINA       | MARTINEZLUNA   |
| MANCIO     | MARAVI     | MARRERO        | MARTINEZM      |
| MANDEZ     | MARAVILLA  | MARROQUIN      | MARTINEZMARTIN |
| MANDONADO  | MARAVILLO  | MARRQUIN       | MARTINEZMEDINA |
| MANDOZA    | MARBAN     | MARRUFFO       | MARTINEZMEJIA  |
| MANDUJANO  | MARCADO    | MARRUFO        | MARTINEZMENDEZ |
| MANDULEY   | MARCANO    | MARRUGO        | MARTINEZMENDOZ |
| MANEIRO    | MARCELENO  | MARRUJO        | MARTINEZMORALE |
| MANGANDI   | MARCHANTE  | MARTE          | MARTINEZMORENO |
| MANGUAL    | MARCHANY   | MARTENIZ       | MARTINEZMUNOZ  |
| MANJARRES  | MARCHENA   | MARTEZ         | MARTINEZORTEGA |
| MANJARREZ  | MARCIAL    | MARTICORENA    | MARTINEZORTIZ  |
| MANOSALVAS | MARCIAS    | MARTIENZ       | MARTINEZPEREZ  |

|                |             |                |                |
|----------------|-------------|----------------|----------------|
| MARTINEZR      | MATEHUALA   | MEDELLIN       | MEJIAS         |
| MARTINEZRAMIRE | MATEO       | MEDENA         | MEJIASANCHEZ   |
| MARTINEZRAMOS  | MATEOS      | MEDERO         | MEJICANO       |
| MARTINEZREYES  | MATIAS      | MEDEROS        | MEJICANOS      |
| MARTINEZRIO    | MATILDE     | MEDEZ          | MEJILLA        |
| MARTINEZRIVERA | MATIZ       | MEDIAN         | MEJORADO       |
| MARTINEZRODRIG | MATOS       | MEDIANO        | MELARA         |
| MARTINEZROJAS  | MATUL       | MEDIAVILLA     | MELCHOR        |
| MARTINEZROMERO | MATURANA    | MEDINA         | MELECIO        |
| MARTINEZRUIZ   | MATURANO    | MEDINAGARCIA   | MELENA         |
| MARTINEZSANCHE | MATURINO    | MEDINAGOMEZ    | MELENCIANO     |
| MARTINEZSANTOS | MATUTE      | MEDINAGONZALEZ | MELENDES       |
| MARTINEZSOTO   | MAURAS      | MEDINAHERNANDE | MELENDEZ       |
| MARTINEZTORRES | MAURICIO    | MEDINALOPEZ    | MELENDREZ      |
| MARTINEZVARGAS | MAXIMILIANO | MEDINAMARTINEZ | MELERO         |
| MARTINEZVASQUE | MAYA        | MEDINAPEREZ    | MELESIO        |
| MARTINEZVAZQUE | MAYAGOITIA  | MEDINARAMIREZ  | MELETICHE      |
| MARTINEZVEGA   | MAYANCELA   | MEDINAREYES    | MELGAR         |
| MARTINIZ       | MAYANS      | MEDINARODRIGUE | MELGAREJO      |
| MARTINMARTIN   | MAYEN       | MEDINASANCHEZ  | MELGARES       |
| MARTINON       | MAYI        | MEDINATORRES   | MELGOSA        |
| MARTINZ        | MAYMI       | MEDINILLA      | MELGOZA        |
| MARTIR         | MAYNEZ      | MEDINO         | MELIAN         |
| MARTIZ         | MAYORA      | MEDOZA         | MELINDEZ       |
| MARTNEZ        | MAYORAL     | MEDRAN         | MELLADO        |
| MARULANDA      | MAYORCA     | MEDRANO        | MELQUIADES     |
| MARUNGO        | MAYORGA     | MEGIA          | MEMBRENO       |
| MARURE         | MAYORQUIN   | MEHIA          | MEMBRILA       |
| MARURI         | MAYSONET    | MEIJA          | MEMIJE         |
| MASARIEGOS     | MAYTORENA   | MEJA           | MENA           |
| MASCARENO      | MAZABA      | MEJEA          | MENACHO        |
| MASCORRO       | MAZARA      | MEJIA          | MENBRENO       |
| MASCOTE        | MAZARIEGO   | MEJIACRUZ      | MENCHACA       |
| MASFERRER      | MAZARIEGOS  | MEJIAGARCIA    | MENCHU         |
| MASIAS         | MAZAS       | MEJIAGONZALEZ  | MENCIA         |
| MASIS          | MAZORRA     | MEJIAHERNANDEZ | MENCOS         |
| MASSANET       | MAZUERA     | MEJIALOPEZ     | MENDEZ         |
| MASTACHE       | MEAVE       | MEJIAMARTINEZ  | MENDEZCRUZ     |
| MASTRAPA       | MECIAS      | MEJIA MEJIA    | MENDEZGARCIA   |
| MATA           | MEDAL       | MEJIAMORALES   | MENDEZGOMEZ    |
| MATADAMAS      | MEDEL       | MEJIAPEREZ     | MENDEZGONZALEZ |
| MATALLANA      | MEDELES     | MEJIARAMIREZ   | MENDEZHERNANDE |
| MATAMOROS      | MEDELEZ     | MEJIARODRIGUEZ | MENDEZLOPEZ    |



|                |             |              |               |
|----------------|-------------|--------------|---------------|
| MENDEZMARTINEZ | MENOCAL     | MEZA         | MIRAMONTES    |
| MENDEZMENDEZ   | MENOSCAL    | MEZAGARCIA   | MIRAMONTEZ    |
| MENDEZMORALES  | MENTADO     | MEZALOPEZ    | MIRANDA       |
| MENDEZPEREZ    | MEONO       | MEZAMARTINEZ | MIRANDAGARCIA |
| MENDEZRAMIREZ  | MERALES     | MEZQUITA     | MIRELES       |
| MENDEZRODRIGUE | MERANCIO    | MEZQUITE     | MIRELEZ       |
| MENDEZSANCHEZ  | MERAS       | MICHACA      | MIRLES        |
| MENDIA         | MERAZ       | MICHUA       | MISAS         |
| MENDIAS        | MERCADO     | MICOLTA      | MISLA         |
| MENDIAZ        | MERCARDO    | MIDENCE      | MISQUEZ       |
| MENDIBLES      | MERCED      | MIELES       | MITJANS       |
| MENDIETA       | MERCEDES    | MIERES       | MIXCO         |
| MENDIETTA      | MERCEDEZ    | MIESES       | MIYARES       |
| MENDIOLA       | MERCHAIN    | MIGOYA       | MIZHQUIRI     |
| MENDIVIL       | MERCHAN     | MIGUELANGEL  | MOCTEZUMA     |
| MENDIZABAL     | MEREGILDO   | MIGUELEZ     | MOEDANO       |
| MENDOCA        | MEREJO      | MIJANGO      | MOGOLLAN      |
| MENDOSA        | MERENO      | MIJANGOS     | MOGOLLON      |
| MENDOZ         | MERIDA      | MIJARES      | MOGROVEJO     |
| MENDOZA        | MERINO      | MIJAREZ      | MOGUEL        |
| MENDOZACHAVEZ  | MERITO      | MILANES      | MOHEDANO      |
| MENDOZACRUZ    | MERIZALDE   | MILANEZ      | MOINA         |
| MENDOZADIAZ    | MERJIL      | MILIAN       | MOJARDIN      |
| MENDOZAFLORES  | MERLAN      | MILLAN       | MOJARRO       |
| MENDOZAGARCIA  | MERLOS      | MIMBELA      | MOJENA        |
| MENDOZAGOMEZ   | MERMEA      | MINAYA       | MOJICA        |
| MENDOZAGONZALE | MERMELLA    | MINCHACA     | MOLANO        |
| MENDOZAHERNAND | MESA        | MINCHALA     | MOLDONADO     |
| MENDOZALOPEZ   | MESEN       | MINDIETA     | MOLENA        |
| MENDOZAMARTINE | MESIA       | MINERA       | MOLINA        |
| MENDOZAMENDOZA | MESINAS     | MINERO       | MOLINAGARCIA  |
| MENDOZAPEREZ   | MESINO      | MINEROS      | MOLINALOPEZ   |
| MENDOZARAMIREZ | MESONES     | MINGUELA     | MOLINAR       |
| MENDOZARODRIGU | MESTA       | MINGURA      | MOLINARES     |
| MENDOZASANCHEZ | MESTANZA    | MINIEL       | MOLINAS       |
| MENDOZATORRES  | MESTAS      | MINISTRO     | MOLINERO      |
| MENECES        | MESTAZ      | MINJARES     | MOLINEROS     |
| MENEDEZ        | MESTIZO     | MINJAREZ     | MOLLEDA       |
| MENENDEZ       | MESTRE      | MIRABAL      | MOLLINEDO     |
| MENERA         | MEXIA       | MIRAFUENTES  | MONAGAS       |
| MENJARES       | MEXICANO    | MIRALDA      | MONARES       |
| MENJIBAR       | MEXQUITITLA | MIRALES      | MONAREZ       |
| MENJIVAR       | MEYRELES    | MIRALRIO     | MONARRES      |

|            |             |                 |                |
|------------|-------------|-----------------|----------------|
| MONARREZ   | MONTANEZ    | MONTUFAR        | MORCILLO       |
| MONAY      | MONTANO     | MONZON          | MOREANO        |
| MONCADA    | MONTANTES   | MOQUETE         | MOREIDA        |
| MONCAYO    | MONTAYA     | MORA            | MOREJON        |
| MONCIBAIS  | MONTEAGUDO  | MORADEL         | MORELES        |
| MONCIBAIZ  | MONTEALEGRE | MORADO          | MORELOS        |
| MONCION    | MONTEALVO   | MORAGA          | MORENO         |
| MONCIV AIS | MONTECINOS  | MORAGARCIA      | MORENODIAZ     |
| MONCIVAIZ  | MONTEJANO   | MORAHERNANDEZ   | MORENOFLORES   |
| MONCLOVA   | MONTEJO     | MORAIDA         | MORENOGARCIA   |
| MONDACA    | MONTELLANO  | MORAILA         | MORENOGONZALEZ |
| MONDRAGON  | MONTELONGO  | MORALAS         | MORENOHERNANDE |
| MONEGRO    | MONTEMAYOR  | MORALES         | MORENOLOPEZ    |
| MONFIL     | MONTENEGRO  | MORALESCRUZ     | MORENOMARTINEZ |
| MONGALO    | MONTEON     | MORALES DIAZ    | MORENOPEREZ    |
| MONGE      | MONTEPEQUE  | MORALESFLORES   | MORENORAMIREZ  |
| MONGUIA    | MONTERO     | MORALES GARCIA  | MORENORODRIGUE |
| MONITA     | MONTEROS    | MORALES GOMEZ   | MORENOSANCHEZ  |
| MONJARAS   | MONTEROSA   | MORALES GONZALE | MORENTIN       |
| MONJARAZ   | MONTEROSO   | MORALESHERNAND  | MORERA         |
| MONJARDIN  | MONTERREY   | MORALESLOPEZ    | MORETA         |
| MONJE      | MONTERROSA  | MORALES MARTINE | MOREYRA        |
| MONOZ      | MONTERROSAS | MORALES MORALES | MORFA          |
| MONREAL    | MONTERROSO  | MORALESORTIZ    | MORFFI         |
| MONROIG    | MONTERROZA  | MORALES PEREZ   | MORFIN         |
| MONROY     | MONTERRUBIO | MORALES RAMIREZ | MORIEL         |
| MONRRREAL  | MONTES      | MORALES RAMOS   | MORILLO        |
| MONRROY    | MONTESDEOCA | MORALES REYES   | MORILLON       |
| MONSALVE   | MONTESINO   | MORALES RIVERA  | MORLES         |
| MONSALVO   | MONTESINOS  | MORALES RODRIGU | MOROCHO        |
| MONSERRATE | MONTEZ      | MORALES SANCHEZ | MOROLES        |
| MONSEVAIS  | MONTEZA     | MORALES TORRES  | MORON          |
| MONSIBAIS  | MONTEZUMA   | MORALES VAZQUEZ | MORONES        |
| MONSISVAIS | MONTIEL     | MORALEZ         | MORONEZ        |
| MONSIVAIS  | MONTIJO     | MORALLES        | MORONTA        |
| MONSIVAIZ  | MONTILLA    | MORAMARTINEZ    | MOROYOQUI      |
| MONTALVA   | MONTION     | MORANCHEL       | MORQUECHO      |
| MONTALVAN  | MONTOLIO    | MORANTES        | MORRALES       |
| MONTALVO   | MONTOLLA    | MORATALLA       | MORROBEL       |
| MONTAN     | MONTOR      | MORATAYA        | MORUA          |
| MONTANE    | MONTOTO     | MORAZA          | MOSCAT         |
| MONTANER   | MONTOYA     | MORAZAN         | MOSCOL         |
| MONTANES   | MONTOYO     | MORBAN          | MOSCOSA        |

|           |                |            |               |
|-----------|----------------|------------|---------------|
| MOSCOSO   | MUNGUIA        | NABARRETE  | NAVARRETTE    |
| MOSQUEA   | MUNIVE         | NABARRO    | NAVARRO       |
| MOSQUEDA  | MUNIVEZ        | NACIANCENO | NAVARROGARCIA |
| MOSQUEIRA | MUNIZ          | NACIPUCHA  | NAVAS         |
| MOSQUERA  | MUNOC          | NAFARRATE  | NAVEDA        |
| MOSTACERO | MUNOS          | NAGERA     | NAVEDO        |
| MOTA      | MUNOZ          | NAJAR      | NAVEIRA       |
| MOTINO    | MUNOZFLORES    | NAJARA     | NAVEJA        |
| MOTTU     | MUNOZGARCIA    | NAJARRO    | NAVEJAR       |
| MOURINO   | MUNOZGONZALEZ  | NAJERA     | NAVEJAS       |
| MOYA      | MUNOZHERNANDEZ | NAMBO      | NAVEZ         |
| MOYADO    | MUNOZLOPEZ     | NANDIN     | NAVIA         |
| MOYANO    | MUNOZMARTINEZ  | NANEZ      | NAVICHOQUE    |
| MOYAO     | MUNOZMUNOZ     | NAPOLES    | NAVIDAD       |
| MOYEDA    | MUNOZPEREZ     | NARANGO    | NAZARIO       |
| MOYET     | MUNOZRAMIREZ   | NARANJO    | NEBLINA       |
| MOYETT    | MUNOZRODRIGUEZ | NARBAEZ    | NECOECHEA     |
| MOYOTL    | MUNOZTORRES    | NARCIZO    | NEGREROS      |
| MOZ       | MUNUZ          | NAREA      | NEGRET        |
| MOZO      | MURAIRA        | NARES      | NEGRETE       |
| MOZQUEDA  | MURALLES       | NAREZ      | NEGRETTE      |
| MUCINO    | MURATALLA      | NARRO      | NEGRON        |
| MUELA     | MURCIA         | NARVAES    | NEGRONI       |
| MUENTES   | MURGA          | NARVAEZ    | NEIRA         |
| MUESES    | MURGADO        | NARVAIS    | NEJIA         |
| MUGICA    | MURGUIA        | NARVAIZ    | NEMECIO       |
| MUGUERZA  | MURIAS         | NATAREN    | NEREY         |
| MUINA     | MURIEL         | NATARENO   | NERIA         |
| MUINO     | MURILLO        | NATERA     | NERIO         |
| MUJICA    | MURIO          | NATERAS    | NERIOS        |
| MULATO    | MURO           | NATIVI     | NERIS         |
| MULERO    | MUROS          | NAULA      | NERYS         |
| MULET     | MURRIETA       | NAUPARI    | NETRO         |
| MULGADO   | MURRIETTA      | NAUT       | NEVARES       |
| MUNDACA   | MURRILLO       | NAVA       | NEVAREZ       |
| MUNDO     | MURSULI        | NAVAGARCIA | NEWBALL       |
| MUNERA    | MURUA          | NAVAR      | NEYRA         |
| MUNET     | MURUATO        | NAVARETE   | NICACIO       |
| MUNETON   | MUSQUEZ        | NAVARETTE  | NICANOR       |
| MUNEVAR   | MUSQUIZ        | NAVAREZ    | NICARAGUA     |
| MUNGARAY  | MUSTELIER      | NAVARIJO   | NICASIO       |
| MUNGARRO  | MUZQUIZ        | NAVARRET   | NICHO         |
| MUNGIA    | NABA           | NAVARRETE  | NIEBLA        |

|            |                |             |             |
|------------|----------------|-------------|-------------|
| NIEBLAS    | NORIEGA        | OBLEDO      | OLASCOAGA   |
| NIEBLES    | NORORI         | OBLITAS     | OLASCUAGA   |
| NIETO      | NORZAGARAY     | OBREGON     | OLAVARRIA   |
| NIEVAS     | NOUEL          | OCADIZ      | OLAVARRIETA |
| NIEVES     | NOVAS          | OCAMPO      | OLAVE       |
| NIEVEZ     | NOVELA         | OCAMPOS     | OLAYA       |
| NIGAGLIONI | NOVELO         | OCANA       | OLAYO       |
| NIGO       | NOVERON        | OCANAS      | OLAZABA     |
| NILA       | NOVILLO        | OCANO       | OLAZABAL    |
| NINA       | NOVOA          | OCARANZA    | OLAZARAN    |
| NINO       | NOYOLA         | OCASIO      | OLBERA      |
| NIOLA      | NUANES         | OCEGUEDA    | OLEA        |
| NIRA       | NUANEZ         | OCEGUERA    | OLEAS       |
| NIVAL      | NUCAMENDI      | OCEJO       | OLETA       |
| NIVAR      | NUCI           | OCELOTL     | OLGIN       |
| NIVelo     | NUESI          | OCHA        | OLGUIN      |
| NIVES      | NUFIO          | OCHOA       | OLIDE       |
| NIVICELA   | NUGRA          | OCHOAGARCIA | OLIDEN      |
| NIZ        | NUILA          | OCHOALOPEZ  | OLIVAN      |
| NOBOA      | NUMEZ          | OCOn        | OLIVARES    |
| NOCELO     | NUNCIO         | OCURA       | OLIVAREZ    |
| NOCELOTL   | NUNEZ          | ODIO        | OLIVARRIA   |
| NOCHEBUENA | NUNEZDIAZ      | OFARRILL    | OLIVAS      |
| NOCHEZ     | NUNEZGARCIA    | OFRAY       | OLIVENCIA   |
| NODAL      | NUNEZGOMEZ     | OGANDO      | OLIVERA     |
| NODARSE    | NUNEZGONZALEZ  | OGAS        | OLIVERAS    |
| NOESI      | NUNEZHERNANDEZ | OGAZ        | OLIVEREZ    |
| NOGALES    | NUNEZLOPEZ     | OGEDA       | OLIVEROS    |
| NOGUEDA    | NUNEZMARTINEZ  | OGUENDO     | OLIVO       |
| NOGUERA    | NUNEZPEREZ     | OJEA        | OLIVOS      |
| NOGUERAS   | NUNEZRODRIGUEZ | OJEDA       | OLLARZABAL  |
| NOGUEZ     | NUNGARAY       | OJINAGA     | OLLERVIDES  |
| NOJ        | NUNO           | OJITO       | OLLOQUI     |
| NOLASCO    | NUNOZ          | OLACHEA     | OLMEDA      |
| NOLAZCO    | OAXACA         | OLACIO      | OLMEDO      |
| NOMBRANO   | OBALLE         | OLAECHEA    | OLMO        |
| NOPAL      | OBANDO         | OLAEZ       | OLMOS       |
| NOPERI     | OBAYA          | OLAGUE      | OLONO       |
| NORALES    | OBESO          | OLAGUES     | OLORTEGUI   |
| NORAT      | OBEZO          | OLAGUEZ     | OLOZAGASTE  |
| NORENA     | OBIEDO         | OLAIS       | OLVEDA      |
| NORERO     | OBJIO          | OLAIZ       | OLVERA      |
| NORIA      | OBLEA          | OLALDE      | OMANA       |

|           |                |                |             |
|-----------|----------------|----------------|-------------|
| OMS       | ORIGEL         | ORTERO         | OSORIA      |
| ONATE     | ORIHUELA       | ORTES          | OSORIO      |
| ONCE      | ORIVE          | ORTEZ          | OSORNIA     |
| ONDARZA   | ORIZABA        | ORTIC          | OSORNIO     |
| ONOFRE    | ORJUELA        | ORTIGOZA       | OSORNO      |
| ONSUREZ   | ORMAZA         | ORTIVEZ        | OSORTO      |
| ONTANEDA  | ORMENO         | ORTIZ          | OSOY        |
| ONTIBEROS | ORNALES        | ORTIZCRUZ      | OSPINA      |
| ONTIVERO  | ORNELAS        | ORTIZDIAZ      | OSPINO      |
| ONTIVEROS | ORNELAZ        | ORTIZFLORES    | OSSA        |
| ONTIVEROZ | ORNELES        | ORTIZGARCIA    | OSTIGUIN    |
| OPORTA    | OROBIO         | ORTIZGOMEZ     | OSTOLAZA    |
| OPORTO    | OROCCO         | ORTIZGONZALEZ  | OSTORGA     |
| OQUENDO   | OROCHENA       | ORTIZHERNANDEZ | OSTOS       |
| ORAMA     | OROCIO         | ORTIZLOPEZ     | OSUNA       |
| ORAMAS    | ORONA          | ORTIZMARTINEZ  | OTALORA     |
| ORANDAY   | ORONIA         | ORTIZMENDOZA   | OTALVARO    |
| ORANTES   | ORONoz         | ORTIZMORALES   | OTAMENDI    |
| ORANTEZ   | OROPESA        | ORTIZORTIZ     | OTANEZ      |
| ORBEGOSO  | OROPEZA        | ORTIZPEREZ     | OTANO       |
| ORBEGOZO  | OROSCO         | ORTIZRAMIREZ   | OTAROLA     |
| ORCASITAS | OROZCO         | ORTIZREYES     | OTAVALO     |
| ORDAZ     | OROZCOGARCIA   | ORTIZRIVERA    | OTERO       |
| ORDENANA  | OROZCOGONZALEZ | ORTIZRODRIGUEZ | OTHON       |
| ORDENES   | OROZCOLOPEZ    | ORTIZRUIZ      | OTINIANO    |
| ORDINOLA  | OROZZO         | ORTIZSANCHEZ   | OTIZ        |
| ORDONES   | ORQUIZ         | ORTIZSOTO      | OTOYA       |
| ORDONEZ   | ORRALA         | ORTIZTORRES    | OTTENWALDER |
| ORDORICA  | ORRANTE        | ORTOLAZA       | OTZOY       |
| ORDUNA    | ORRANTIA       | ORTUNO         | OVALLE      |
| ORDUNEZ   | ORREGO         | ORUE           | OVALLES     |
| ORDUNO    | ORROSQUIETA    | ORZUNA         | OVANDO      |
| OREA      | ORROSTIETA     | OSARIO         | OVIEDO      |
| OREGEL    | ORTA           | OSCANOA        | OXLAJ       |
| OREGON    | ORTAGA         | OSEGUEDA       | OYARZABAL   |
| OREJEL    | ORTEGA         | OSEGUERA       | OYARZUN     |
| OREJUELA  | ORTEGAGARCIA   | OSEJO          | OYERVERIDES |
| ORELLANA  | ORTEGAHERNANDE | OSes           | OYERVERIDEZ |
| ORELLANO  | ORTEGALOPEZ    | OSIO           | OYOLA       |
| ORENDAIN  | ORTEGAMARTINEZ | OSNAYA         | OYOQUE      |
| ORENDAY   | ORTEGAPEREZ    | OSOLLO         | OYUELA      |
| ORENGO    | ORTEGARAMIREZ  | OSOREO         | OZORIA      |
| ORGANISTA | ORTEGON        | OSORES         | OZORIO      |

|               |            |             |            |
|---------------|------------|-------------|------------|
| OZUNA         | PALAPA     | PANORA      | PASTRANO   |
| PABEY         | PALASIOS   | PANTALEON   | PASTUIZACA |
| PABLOPABLO    | PALATO     | PANTOJA     | PATERNINA  |
| PABLOS        | PALAZUELOS | PANTOJAS    | PATINA     |
| PABON         | PALCIOS    | PANTOYA     | PATINO     |
| PACAS         | PALENCIA   | PANUCO      | PATLAN     |
| PACHAS        | PALENZUELA | PARACHE     | PATRACA    |
| PACHECANO     | PALEO      | PARADA      | PATZAN     |
| PACHECO       | PALESTINA  | PARADES     | PAUCAR     |
| PACHECOGARCIA | PALESTINO  | PARAJON     | PAUDA      |
| PACHICANO     | PALILLERO  | PARAMO      | PAULINO    |
| PACHON        | PALLAIS    | PARDINAS    | PAUTA      |
| PACHUCA       | PALLANES   | PARDO       | PAVEZ      |
| PACILLAS      | PALLARES   | PAREDES     | PAVON      |
| PADIAL        | PALMAS     | PAREDEZ     | PAXTOR     |
| PADIERNA      | PALMERIN   | PAREJA      | PAYAMPS    |
| PADILLA       | PALMEROS   | PAREJO      | PAYAN      |
| PADILLAGARCIA | PALMILLAS  | PAREZ       | PAYANO     |
| PADIN         | PALOMAR    | PARGA       | PAYARES    |
| PADRO         | PALOMARES  | PARGAS      | PAYERO     |
| PADRON        | PALOMAREZ  | PARIONA     | PAYES      |
| PADUANI       | PALOMEQUE  | PAROCUA     | PAZ        |
| PAEZ          | PALOMERA   | PARRA       | PAZMINO    |
| PAGAN         | PALOMIN    | PARRADO     | PAZOS      |
| PAGAZA        | PALOMINO   | PARRAGA     | PAZSOLDAN  |
| PAGOADA       | PALOMINOS  | PARRAGUIRRE | PECERO     |
| PAGOAGA       | PALOMO     | PARRAL      | PECINA     |
| PAGUADA       | PALOS      | PARRALES    | PEDRAJA    |
| PAGUAGA       | PALUCHO    | PARRAS      | PEDRASA    |
| PAGUAY        | PAMATZ     | PARRAZ      | PEDRAZA    |
| PAHUA         | PANAMA     | PARRILLA    | PEDRE      |
| PAITA         | PANAMENO   | PARTIDA     | PEDREGO    |
| PAIZ          | PANCHAME   | PASATO      | PEDREGON   |
| PAJARO        | PANCHANA   | PASAYE      | PEDRERO    |
| PAJON         | PANCHI     | PASCACIO    | PEDROZA    |
| PAJUELO       | PANDO      | PASILLAS    | PEGUERO    |
| PALACIO       | PANDURO    | PASOS       | PEGUEROS   |
| PALACIOS      | PANEQUE    | PASTEN      | PEINADO    |
| PALACIOUS     | PANETO     | PASTENES    | PELAEZ     |
| PALACIOZ      | PANFILO    | PASTORA     | PELAYO     |
| PALADINES     | PANGELINA  | PASTORIZA   | PELCASTRE  |
| PALAFOX       | PANIAGUA   | PASTRAN     | PELICO     |
| PALAGUACHI    | PANJOJ     | PASTRANA    | PELLECER   |

|               |                |                |              |
|---------------|----------------|----------------|--------------|
| PELLOT        | PEREC          | PEREZMEDINA    | PERRUSQUIA   |
| PENA          | PEREDA         | PEREZMEJIA     | PERTUZ       |
| PENACRUZ      | PEREDIA        | PEREZMENDEZ    | PERUSQUIA    |
| PENADO        | PEREGRINA      | PEREZMENDOZA   | PESANTES     |
| PENAFIEL      | PEREIDA        | PEREZMORALES   | PESANTEZ     |
| PENAFORT      | PERES          | PEREZMORENO    | PESCADOR     |
| PENAGARCIA    | PEREYDA        | PEREZMUNOZ     | PESCINA      |
| PENAGONZALEZ  | PEREYRA        | PEREZNEGRON    | PESINA       |
| PENAGOS       | PEREZ          | PEREZNUNEZ     | PESQUEDA     |
| PENAHERNANDEZ | PEREZAGUILAR   | PEREZORTEGA    | PESQUEIRA    |
| PENAHERRERA   | PEREZALVARADO  | PEREZORTIZ     | PESQUERA     |
| PENALO        | PEREZALVAREZ   | PEREZPENA      | PETATAN      |
| PENALOPEZ     | PEREZAVILA     | PEREZPEREZ     | PIAZ         |
| PENALOZA      | PEREZBAUTISTA  | PEREZRAMIREZ   | PICADO       |
| PENALVER      | PEREZCARRILLO  | PEREZRAMOS     | PICASO       |
| PENAMARTINEZ  | PEREZCASTILLO  | PEREZREYES     | PICASSO      |
| PENAPEREZ     | PEREZCASTRO    | PEREZRIOS      | PICAZO       |
| PENARAN       | PEREZCHAVEZ    | PEREZRIVERA    | PICENO       |
| PENARODRIGUEZ | PEREZCHICA     | PEREZRODRIGUEZ | PICHARDO     |
| PENARRIETA    | PEREZCORTEZ    | PEREZROJAS     | PICHINTE     |
| PENASANCHEZ   | PEREZCRUZ      | PEREZROMERO    | PICON        |
| PENATE        | PEREZDELEON    | PEREZRUIZ      | PICOS        |
| PENEDA        | PEREZDELGADO   | PEREZSALAZAR   | PIEDRA       |
| PENICHE       | PEREZDIAZ      | PEREZSANCHEZ   | PIEDRAHITA   |
| PENICHET      | PEREZDOMINGUEZ | PEREzsANDOVAL  | PIEDRAS      |
| PENILLA       | PEREZESTRADA   | PEREzsANTIAGO  | PIEDRASANTA  |
| PENSADO       | PEREZFERNANDEZ | PEREzsANTOS    | PIERLUISSI   |
| PENSAMIENTO   | PEREZFLORES    | PEREzsILVA     | PIJUAN       |
| PENUELA       | PEREZGARCIA    | PEREzsOTO      | PILARTE      |
| PENUELAS      | PEREZGOMEZ     | PEREZTORRES    | PILCO        |
| PENUNURI      | PEREZGONZALES  | PEREZVARGAS    | PILLADO      |
| PEON          | PEREZGONZALEZ  | PEREZVASQUEZ   | PILLCO       |
| PEPEN         | PEREZGUERRERO  | PEREZVAZQUEZ   | PILOTO       |
| PEQUENO       | PEREZGUTIERREZ | PEREZVEGA      | PIMIENTA     |
| PERAL         | PEREZGUZMAN    | PEREZVELASQUEZ | PINA         |
| PERALES       | PEREZHERNANDEZ | PEREZVELAZQUEZ | PINACHO      |
| PERALEZ       | PEREZHERRERA   | PERFECTO       | PINADA       |
| PERALTA       | PEREzJIMENEZ   | PERLAZA        | PINAL        |
| PERAZA        | PEREZJUAREZ    | PERLERA        | PINALES      |
| PERCHES       | PEREZLEON      | PERNAS         | PINARGOTE    |
| PERCHEZ       | PEREZLOPEZ     | PEROCIER       | PINCAY       |
| PERDOMO       | PEREzLUNA      | PEROZO         | PINEDA       |
| PEREA         | PEREZMARTINEZ  | PERREZ         | PINEDAGARCIA |

|             |             |              |           |
|-------------|-------------|--------------|-----------|
| PINEDALOPEZ | PLASENCIO   | PORTIO       | PROO      |
| PINEDO      | PLATA       | PORTOBANCO   | PROVENCIO |
| PINEIRA     | PLATAS      | PORTOCARRERO | PRUDENCIO |
| PINEIRO     | PLAZAS      | PORTORREAL   | PRUNEDA   |
| PINELA      | PLAZOLA     | PORTUGUEZ    | PUAC      |
| PINERA      | PLEITES     | PORTUONDO    | PUBILL    |
| PINERES     | PLEITEZ     | POSADA       | PUCHA     |
| PINERO      | PLIEGO      | POSADAS      | PUCHETA   |
| PINEROS     | PLUAS       | POSAS        | PUEBLA    |
| PINEYRO     | PLUMA       | POSOS        | PUELLO    |
| PINGUIL     | PLUMEY      | POSSO        | PUENTE    |
| PINILLA     | POBLANO     | POSTIGO      | PUENTES   |
| PINILLOS    | POCASANGRE  | POUERIET     | PUERTA    |
| PINON       | POJOY       | POVEDA       | PUERTAS   |
| PINONES     | POLACO      | POVENTUD     | PUERTO    |
| PINOS       | POLANCO     | POZ          | PUGA      |
| PINTADO     | POLANIA     | POZAS        | PUGO      |
| PINTOR      | POLENDO     | POZO         | PUIG      |
| PINTOS      | POLIO       | POZOS        | PUJALS    |
| PINUELAS    | POLITRON    | POZUELOS     | PUJOLS    |
| PINZON      | POLONIA     | PRADO        | PULECIO   |
| PIOQUINTO   | POMALES     | PRATTS       | PULGAR    |
| PIRELA      | POMAQUIZA   | PRAVIA       | PULGARIN  |
| PIREZ       | POMARES     | PRECIADO     | PULIDO    |
| PIRIR       | POMPOSO     | PRENDES      | PULLA     |
| PIRIS       | PONCE       | PRENDEZ      | PUMAREJO  |
| PIRIZ       | PONCEDELEON | PRENDIZ      | PUNTIEL   |
| PISENO      | PONSE       | PRENSA       | PUNTOS    |
| PITONES     | POPOCA      | PRESAS       | PURECO    |
| PIVARAL     | PORCAYO     | PRESIADO     | QUEBEDO   |
| PIZA        | PORCHAS     | PRESINAL     | QUEBRADO  |
| PIZANA      | POROJ       | PRESTEGUI    | QUECHOL   |
| PIZANO      | PORRAS      | PRETEL       | QUEMADA   |
| PIZARRO     | PORRATA     | PREZA        | QUERIAPA  |
| PLACENCIA   | PORRAZ      | PRIEGO       | QUESADA   |
| PLACENCIO   | PORRES      | PRIETO       | QUEVAS    |
| PLACENSIA   | PORTAL      | PRIMERA      | QUEVEDO   |
| PLACENTIA   | PORTALATIN  | PRIMERO      | QUEZADA   |
| PLACERES    | PORTALES    | PRIVADO      | QUEZADAS  |
| PLANCARTE   | PORTES      | PROA         | QUIAHUA   |
| PLANTILLAS  | PORTILLA    | PROANO       | QUIALA    |
| PLASCENCIA  | PORTILLO    | PROCEL       | QUICENO   |
| PLASENCIA   | PORTILLOS   | PROENZA      | QUICHE    |



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|-------------|----------------|----------------|----------------|
| QUICHIMBO   | QUITUIZACA     | RAMIREZHERNAND | RAMOSHERNANDEZ |
| QUIEJ       | QUIZHPE        | RAMIREZHERRERA | RAMOSLOPEZ     |
| QUIHUIS     | QUIZHPI        | RAMIREZJIMENEZ | RAMOSMARTINEZ  |
| QUIHUIZ     | RABADAN        | RAMIREZLOPEZ   | RAMOSMORALES   |
| QUIJADA     | RABANALES      | RAMIREZLUNA    | RAMOSORTIZ     |
| QUIJAS      | RABASSA        | RAMIREZMARTINE | RAMOSPEREZ     |
| QUIIJE      | RADILLA        | RAMIREZMEDINA  | RAMOSRAMIREZ   |
| QUILANTAN   | RADILLO        | RAMIREZMEJIA   | RAMOSRAMOS     |
| QUILES      | RAEL           | RAMIREZMENDEZ  | RAMOSREYES     |
| QUILEZ      | RAEZ           | RAMIREZMENDOZA | RAMOSRIVERA    |
| QUILIMACO   | RAFAELA        | RAMIREZMORALES | RAMOSRODRIGUEZ |
| QUILO       | RAFULS         | RAMIREZMORENO  | RAMOSSANCHEZ   |
| QUINCHE     | RAICES         | RAMIREZMUNOZ   | RAMOSTORRES    |
| QUINDE      | RAIGOSA        | RAMIREZORTIZ   | RAMOZ          |
| QUINO       | RAIGOZA        | RAMIREZPEREZ   | RAMRIEZ        |
| QUINOES     | RAJO           | RAMIREZRAMIREZ | RANERO         |
| QUINONES    | RALAT          | RAMIREZRAMOS   | RANGAL         |
| QUINONEZ    | RALDA          | RAMIREZREYES   | RANGEL         |
| QUINTANA    | RAMALES        | RAMIREZRIVERA  | RANGELGARCIA   |
| QUINTANAL   | RAMALLO        | RAMIREZRODRIGU | RANIREZ        |
| QUINTANAR   | RAMAREZ        | RAMIREZROJAS   | RANJEL         |
| QUINTANIA   | RAMARIZ        | RAMIREZROMERO  | RAPALO         |
| QUINTANILLA | RAMBLAS        | RAMIREZRUIZ    | RASCON         |
| QUINTELA    | RAMERES        | RAMIREZSALAZAR | RASGADO        |
| QUINTERO    | RAMERIEZ       | RAMIREZSANCHEZ | RAUDA          |
| QUINTEROS   | RAMERO         | RAMIREZSANTOS  | RAUDALES       |
| QUINTINO    | RAMIERZ        | RAMIREZSOTO    | RAUDEZ         |
| QUINTUNA    | RAMIRAZ        | RAMIREZTORRES  | RAVELO         |
| QUIONES     | RAMIRE         | RAMIREZVARGAS  | RAYA           |
| QUIRARTE    | RAMIREC        | RAMIREZVASQUEZ | RAYAS          |
| QUIRCH      | RAMIRES        | RAMIREZVAZQUEZ | RAYGADA        |
| QUIRINDONGO | RAMIREZ        | RAMIREZVEGA    | RAYGOSA        |
| QUIRINO     | RAMIREZAGUILAR | RAMIRIZ        | RAYGOZA        |
| QUIROA      | RAMIREZALVAREZ | RAMIRZ         | RAYO           |
| QUIROGA     | RAMIREZCASTRO  | RAMIRZE        | RAYOS          |
| QUIROS      | RAMIREZCHAVEZ  | RAMON          | RAZO           |
| QUIROZ      | RAMIREZCRUZ    | RAMOS          | RAZURA         |
| QUISHPE     | RAMIREZDIAZ    | RAMOSCRUZ      | RAZURI         |
| QUISPE      | RAMIREZFLORES  | RAMOSDIAZ      | REALEGENO      |
| QUISTIAN    | RAMIREZGARCIA  | RAMOSFLORES    | REALES         |
| QUITENO     | RAMIREZGOMEZ   | RAMOSGARCIA    | REALPE         |
| QUITO       | RAMIREZGONZALE | RAMOSGOMEZ     | REALYVASQUEZ   |
| QUITUISACA  | RAMIREZGUZMAN  | RAMOSGONZALEZ  | REALZOLA       |

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|-----------|-----------|----------------|---------------|
| REATEGUI  | REMIREZ   | REVOLLAR       | REYNOSA       |
| REBAZA    | REMOLINA  | REVOLLO        | REYNOSO       |
| REBELES   | RENDEROS  | REVOLORIO      | REYNOZA       |
| REBELLON  | RENDON    | REVUELTA       | REYNOZO       |
| REBOLLAR  | RENGIFO   | REXACH         | REZA          |
| REBOLLEDO | RENOBATO  | REXES          | REZENDEZ      |
| REBOLLO   | RENOJ     | REYAS          | REZENDIZ      |
| REBOLLOSO | RENOVA    | REYES          | RIANO         |
| REBOREDO  | RENOVALES | REYESAGUILAR   | RIASCOS       |
| REBUELTA  | RENOVATO  | REYESCASTILLO  | RIBADENEIRA   |
| RECALDE   | RENTA     | REYESCASTRO    | RIBERA        |
| RECARTE   | RENTAS    | REYESCRUZ      | RIBOT         |
| RECENDEZ  | RENTERIA  | REYESDIAZ      | RIBOTA        |
| RECENDIZ  | REOS      | REYESFLORES    | RICALDAY      |
| RECILLAS  | REPOLLET  | REYESGARCIA    | RICANO        |
| RECINO    | REPREZA   | REYESGOMEZ     | RICARDEZ      |
| RECINOS   | REQUEJO   | REYESGONZALEZ  | RICAURTE      |
| RECIO     | REQUENA   | REYESGUTIERREZ | RICHARTE      |
| RECONCO   | REQUENES  | REYESHERNANDEZ | RICHIEZ       |
| REDE      | REQUENEZ  | REYESJIMENEZ   | RICO          |
| REDONDO   | REQUENO   | REYESLOPEZ     | RICON         |
| REDROVAN  | RESCALVO  | REYESMARTINEZ  | RICONDO       |
| REDUCINDO | RESENDEZ  | REYESMENDOZA   | RICOY         |
| REFUGIO   | RESENDIS  | REYESMORALES   | RIERA         |
| REGALADO  | RESENDIZ  | REYESORTIZ     | RIESCO        |
| REGALDO   | RESINOS   | REYESPEREZ     | RIESGO        |
| REGINO    | RESPETO   | REYESRAMIREZ   | RIESTRA       |
| REGLA     | RESTITUYO | REYESRAMOS     | RIGUAL        |
| REGUEIRA  | RESTO     | REYESREYES     | RIJO          |
| REGUEIRO  | RESTREPO  | REYESRIVERA    | RIJOS         |
| REGUERO   | RETA      | REYESRODRIGUEZ | RINCON        |
| REGULES   | RETAMAL   | REYESRUIZ      | RINCONES      |
| REILLO    | RETAMAR   | REYESSANCHEZ   | RIOFRIO       |
| REINAGA   | RETAMOZA  | REYESSANTOS    | RIOJA         |
| REINALDO  | RETAMOZO  | REYESTORRES    | RIOJAS        |
| REINOSA   | RETANA    | REYESVARGAS    | RIOLLANO      |
| REINOSO   | RETANO    | REYESVASQUEZ   | RIOS          |
| REJAS     | RETES     | REYEZ          | RIOSECO       |
| REJINO    | RETIZ     | REYMUNDO       | RIOSGARCIA    |
| REJON     | REVELES   | REYNA          | RIOSGONZALEZ  |
| REMACHE   | REVELEZ   | REYNAGA        | RIOSHERNANDEZ |
| REMBAO    | REVELO    | REYNEL         | RIOSLOPEZ     |
| REMIJIO   | REVERON   | REYNERO        | RIOSMARTINEZ  |

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|----------------|--------------|----------------|----------------|
| RIOSPEREZ      | RIVEROLL     | RODRGUEZ       | RODRIGUEZSOTO  |
| RIOSRAMIREZ    | RIVERON      | RODRIDUEZ      | RODRIGUEZTORRE |
| RIOSRIVERA     | RIVEROS      | RODRIEGUEZ     | RODRIGUEZVARGA |
| RIOSRODRIGUEZ  | RIVIRA       | RODRIGES       | RODRIGUEZVEGA  |
| ROSSANCHEZ     | RIVOTA       | RODRIGEUZ      | RODRIGUIEZ     |
| RIOZ           | RIZO         | RODRIGUEC      | RODRIGUZE      |
| RIPALDA        | ROA          | RODRIGUEZ      | RODRIQUEZ      |
| RIQUELME       | ROACHO       | RODRIGUEZA     | RODRIUEZ       |
| RIUS           | ROBAINA      | RODRIGUEZALVAR | ROEL           |
| RIVADENEIRA    | ROBALINO     | RODRIGUEZAVILA | ROGEL          |
| RIVADENEYRA    | ROBAYO       | RODRIGUEZC     | ROGERIO        |
| RIVAS          | ROBELO       | RODRIGUEZCASTR | ROGUE          |
| RIVASHERNANDEZ | ROBLEDO      | RODRIGUEZCHAVE | ROHENA         |
| RIVASLOPEZ     | ROBLERO      | RODRIGUEZCOLON | ROIZ           |
| RIVASPLATA     | ROBLES       | RODRIGUEZCORTE | ROJA           |
| RIVERA         | ROBLESGARCIA | RODRIGUEZCRUZ  | ROJANO         |
| RIVERACASTRO   | ROBLETO      | RODRIGUEZDIAZ  | ROJAS          |
| RIVERACOLON    | ROBLEZ       | RODRIGUEZFLORE | ROJASCRUZ      |
| RIVERACRUZ     | ROCA         | RODRIGUEZG     | ROJASGARCIA    |
| RIVERADIAZ     | ROCABADO     | RODRIGUEZGARCI | ROJASGONZALEZ  |
| RIVERAFLORES   | ROCAMONTES   | RODRIGUEZGOMEZ | ROJASHERNANDEZ |
| RIVERAGARCIA   | ROCANO       | RODRIGUEZGONZA | ROJASLOPEZ     |
| RIVERAGOMEZ    | ROCHA        | RODRIGUEZHERNA | ROJASMARTINEZ  |
| RIVERAGONZALEZ | ROCHET       | RODRIGUEZLEON  | ROJASPEREZ     |
| RIVERAHERNANDE | ROCHEZ       | RODRIGUEZLOPEZ | ROJASRAMIREZ   |
| RIVERALOPEZ    | ROCHIN       | RODRIGUEZM     | ROJASRODRIGUEZ |
| RIVERAMARTINEZ | RODARTE      | RODRIGUEZMARTI | ROJASROJAS     |
| RIVERAMORALES  | RODAS        | RODRIGUEZMORAL | ROJASSANCHEZ   |
| RIVERAORTIZ    | RODEA        | RODRIGUEZORTIZ | ROJEL          |
| RIVERAPEREZ    | RODELA       | RODRIGUEZPENA  | ROJERO         |
| RIVERARAMIREZ  | RODELAS      | RODRIGUEZPEREZ | ROJO           |
| RIVERARAMOS    | RODELO       | RODRIGUEZR     | ROJOS          |
| RIVERAREYES    | RODERIGUEZ   | RODRIGUEZRAMIR | ROLDAN         |
| RIVERARIVERA   | RODEZNO      | RODRIGUEZRAMOS | ROLON          |
| RIVERARODRIGUE | RODGRIGUEZ   | RODRIGUEZREYES | ROMAN          |
| RIVERARUIZ     | RODILES      | RODRIGUEZRIOS  | ROMANDIA       |
| RIVERASANCHEZ  | RODIRGUEZ    | RODRIGUEZRIVER | ROMARO         |
| RIVERASANTIAGO | RODREGES     | RODRIGUEZRODRI | ROMAYOR        |
| RIVERASOTO     | RODREGEZ     | RODRIGUEZROJAS | ROMEREZ        |
| RIVERATORRES   | RODREGUES    | RODRIGUEZRUIZ  | ROMERO         |
| RIVERAVAZQUEZ  | RODREGUIZ    | RODRIGUEZS     | ROMEROCRUZ     |
| RIVERO         | RODREGUS     | RODRIGUEZSANCH | ROMEROFLORES   |
| RIVEROL        | RODREQUEZ    | RODRIGUEZSILVA | ROMEROGARCIA   |

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|----------------|-------------|---------------|-------------|
| ROMEROGONZALEZ | ROSTRAN     | RUIZFLORES    | SACRISTAN   |
| ROMEROHERNANDE | ROSTRO      | RUIZGARCIA    | SACTA       |
| ROMEROLOPEZ    | ROTGER      | RUIZGOMEZ     | SADOVAL     |
| ROMEROMARTINEZ | ROUCO       | RUIZGONZALEZ  | SAENS       |
| ROMEROPEREZ    | ROURA       | RUIZHERNANDEZ | SAENZ       |
| ROMERORAMIREZ  | ROVELO      | RUIZJIMENEZ   | SAENZPARDO  |
| ROMEROREYES    | ROYBAL      | RUIZLOPEZ     | SAETEROS    |
| ROMERORODRIGUE | ROYVAL      | RUIZMARTINEZ  | SAEZ        |
| ROMEROROMERO   | ROZALES     | RUIZMENDEZ    | SAGAHON     |
| ROMEROSANCHEZ  | ROZO        | RUIZMORALES   | SAGARDIA    |
| ROMEU          | RUACHO      | RUIZORTIZ     | SAGARNAGA   |
| ROMIREZ        | RUALES      | RUIZPEREZ     | SAGASTA     |
| ROMO           | RUANO       | RUIZRAMIREZ   | SAGASTEGUI  |
| ROMOS          | RUBALCABA   | RUIZREYES     | SAGASTIZADO |
| RONCANCIO      | RUBALCADA   | RUIZRIVERA    | SAGASTUME   |
| RONCES         | RUBALCADO   | RUIZRODRIGUEZ | SAGREDO     |
| RONDAN         | RUBALCAVA   | RUIZRUIZ      | SAGRERO     |
| RONDEROS       | RUBALLOS    | RUIZSANCHEZ   | SAGUAY      |
| RONDON         | RUBERO      | RUIZTORRES    | SAGUILAN    |
| RONERO         | RUBERTE     | RUIZVELASCO   | SAHAGUN     |
| ROQUE          | RUBI        | RUMALDO       | SAILAS      |
| ROQUEZ         | RUBIERA     | RUMBAUT       | SAINEZ      |
| RORIGUEZ       | RUBINOS     | RUSTRIAN      | SAINZ       |
| ROSABAL        | RUBIO       | RUTIAGA       | SAIZ        |
| ROSADO         | RUBIRA      | RUVALCABA     | SAIZA       |
| ROSALAS        | RUCOBA      | RUVALCAVA     | SAJCHE      |
| ROSALES        | RUCOBO      | RUYBAL        | SAJUAN      |
| ROSALESGARCIA  | RUEDA       | RUZ           | SALABARRIA  |
| ROSALEZ        | RUEDAS      | SAABEDRA      | SALACAR     |
| ROSALINO       | RUELAS      | SAAVEDRA      | SALADO      |
| ROSALIO        | RUESGA      | SABALLOS      | SALADRIGAS  |
| ROSALY         | RUEZGA      | SABALZA       | SALAICES    |
| ROSARIO        | RUGAMA      | SABATES       | SALAIS      |
| ROSAS          | RUGAMAS     | SABEDRA       | SALAISES    |
| ROSASGARCIA    | RUGERIO     | SABILLON      | SALAIZ      |
| ROSASLOPEZ     | RUIC        | SABOGAL       | SALAMANCA   |
| ROSENDO        | RUILOBA     | SABORIO       | SALAMEA     |
| ROSERO         | RUILOVA     | SABORIT       | SALANIC     |
| ROSILES        | RUIZ        | SACALXOT      | SALAS       |
| ROSILLO        | RUIZCHAVEZ  | SACARIAS      | SALASAR     |
| ROSITAS        | RUIZCRUZ    | SACASA        | SALAVARRIA  |
| ROSPIGLIOSI    | RUIZDIAZ    | SACERIO       | SALAVERRIA  |
| ROSQUETE       | RUIZESPARZA | SACOTO        | SALAYANDIA  |

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|----------------|----------------|----------------|----------------|
| SALAZ          | SAMANIEGO      | SANCHEZLUNA    | SANGURIMA      |
| SALAZAR        | SAMANO         | SANCHEZMARTINE | SANHUEZA       |
| SALAZARGARCIA  | SAMARIO        | SANCHEZMEDINA  | SANIC          |
| SALAZARGONZALE | SAMARIPA       | SANCHEZMENDEZ  | SANINOCENCIO   |
| SALAZARLOPEZ   | SAMARRIPA      | SANCHEZMENDOZA | SANJINES       |
| SALAZARMARTINE | SAMARRIPAS     | SANCHEZMORALES | SANJURJO       |
| SALAZARPEREZ   | SAMARRON       | SANCHEZMORENO  | SANLUCAS       |
| SALAZARRAMIREZ | SAMAYOA        | SANCHEZMUNOZ   | SANMARTIN      |
| SALCEDA        | SAMBOLIN       | SANCHEZNUNEZ   | SANMIGUEL      |
| SALCEDO        | SAMBRANO       | SANCHEZORTIZ   | SANOJA         |
| SALCIDO        | SAMORA         | SANCHEZPEREZ   | SANROMAN       |
| SALDANA        | SAMORANO       | SANCHEZR       | SANSORES       |
| SALDANIA       | SAMPAYO        | SANCHEZRAMIREZ | SANTACOLOMA    |
| SALDARRIAGA    | SAMPEDRO       | SANCHEZRAMOS   | SANTACRUZ      |
| SALDATE        | SAMPERIO       | SANCHEZREYES   | SANTAELLA      |
| SALDIBAR       | SAMUDIO        | SANCHEZRIVERA  | SANTAGO        |
| SALDIERNA      | SANABIA        | SANCHEZRODRIGU | SANTALIZ       |
| SALDIVA        | SANABRIA       | SANCHEZROJAS   | SANTAMARIA     |
| SALDIVAR       | SANANGO        | SANCHEZROMERO  | SANTANA        |
| SALDIVIA       | SANAY          | SANCHEZRUIZ    | SANTANDER      |
| SALEZ          | SANCEN         | SANCHEZSANCHEZ | SANTANO        |
| SALGADO        | SANCEZ         | SANCHEZSOTO    | SANTELISES     |
| SALGERO        | SANCHAZ        | SANCHEZTORRES  | SANTELIZ       |
| SALGUERO       | SANCHE         | SANCHEZVARGAS  | SANTELLAN      |
| SALICRUP       | SANCHEC        | SANCHEZVASQUEZ | SANTELLANA     |
| SALIDO         | SANCHES        | SANCHEZVAZQUEZ | SANTELLANES    |
| SALIGAN        | SANCHEZ        | SANCHEZVEGA    | SANTELLANO     |
| SALINAS        | SANCHEZAGUILAR | SANDATE        | SANTES         |
| SALINASGARCIA  | SANCHEZALVAREZ | SANDAVAL       | SANTIAGO       |
| SALIZAR        | SANCHEZCASTILL | SANDEZ         | SANTIAGOCRUZ   |
| SALMERON       | SANCHEZCASTRO  | SANDIGO        | SANTIAGOGARCIA |
| SALMORAN       | SANCHEZCHAVEZ  | SANDINO        | SANTIAGOHERNAN |
| SALSE          | SANCHEZCRUZ    | SANDOBAL       | SANTIAGOLOPEZ  |
| SALSIDO        | SANCHEZDIAZ    | SANDOUAL       | SANTIAGOMARTIN |
| SALTARES       | SANCHEZFLORES  | SANDOVA        | SANTIAGOPEREZ  |
| SALTO          | SANCHEZGARCIA  | SANDOVAL       | SANTIAGORIVERA |
| SALTOS         | SANCHEZGOMEZ   | SANDOVALGARCIA | SANTIBANES     |
| SALVAT         | SANCHEZGONZALE | SANDOVALLOPEZ  | SANTIBANEZ     |
| SALVATIERRA    | SANCHEZGUZMAN  | SANDOVALPEREZ  | SANTIESTEBAN   |
| SALZAR         | SANCHEZHERNAND | SANDOVAR       | SANTILLAN      |
| SAMAGUEY       | SANCHEZJIMENEZ | SANDRIA        | SANTILLANA     |
| SAMALOT        | SANCHEZJUAREZ  | SANELIAS       | SANTILLANES    |
| SAMAME         | SANCHEZLOPEZ   | SANGUINO       | SANTILLANO     |

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|----------------|------------|---------------|-----------|
| SANTISTEBAN    | SARDUY     | SEGUNDO       | SERRET    |
| SANTISTEVAN    | SARELLANO  | SEGURA        | SERROS    |
| SANTIVANEZ     | SARINANA   | SEIJAS        | SERTUCHE  |
| SANTIZ         | SARIEL     | SEIJO         | SERVANTES |
| SANTIZO        | SARITA     | SEJA          | SERVANTEZ |
| SANTOSCOY      | SARMIENTOS | SEJAS         | SERVELLON |
| SANTOSCRUZ     | SARRIA     | SELAYA        | SERVERA   |
| SANTOSGARCIA   | SASTRE     | SELGADO       | SERVIN    |
| SANTOSGONZALEZ | SATANA     | SELVERA       | SESMA     |
| SANTOSHERNANDE | SATIAGO    | SEMIDEY       | SESMAS    |
| SANTOSLOPEZ    | SATIZABAL  | SEMINARIO     | SETIEN    |
| SANTOSMARTINEZ | SAUCEDA    | SEMPERTEGUI   | SEVERIANO |
| SANTOSPEREZ    | SAUCEDO    | SEMPRIT       | SEVILLA   |
| SANTOSREYES    | SAUCILLO   | SENCION       | SEVILLANO |
| SANTOSRODRIGUE | SAUREZ     | SENDEJAS      | SHANCHEZ  |
| SANTOVENIA     | SAURI      | SENDEJO       | SIACA     |
| SANTOY         | SAUSEDA    | SENQUIZ       | SIANEZ    |
| SANTOYA        | SAUSEDO    | SENTENO       | SIAVICHAY |
| SANTOYO        | SAUZA      | SEOANE        | SIBAJA    |
| SANTUARIO      | SAUZAMEDA  | SEPEDA        | SIBRI     |
| SANUDO         | SAVALA     | SEPULBEDA     | SIBRIAN   |
| SANVICENTE     | SAVALZA    | SEPULUEDA     | SICAIROS  |
| SANZON         | SAVEDRA    | SEPULVEDA     | SICAL     |
| SAPATA         | SAVINON    | SEQUEN        | SICAN     |
| SAPIEN         | SAYAGO     | SEQUERA       | SICRE     |
| SAPIENS        | SAZO       | SERANO        | SIDA      |
| SAPON          | SCHAFFINO  | SERATO        | SIERA     |
| SAQUIC         | SEANEZ     | SERBANTEZ     | SIERRA    |
| SAQUICELA      | SECADA     | SERBIA        | SIERRAS   |
| SAQUIPULLA     | SECAIDA    | SERDA         | SIFONTE   |
| SARABIA        | SECAIRA    | SERENIL       | SIFONTES  |
| SARACAY        | SECUNDINO  | SERMENO       | SIFRE     |
| SARACHO        | SEDA       | SERNA         | SIFUENTES |
| SARAGOSA       | SEDANO     | SERNAS        | SIFUENTEZ |
| SARAGOZA       | SEDENO     | SERRALDE      | SIGALA    |
| SARALEGUI      | SEDILLO    | SERRALTA      | SIGARAN   |
| SARANGO        | SEDILLOS   | SERRANO       | SIGUENCIA |
| SARANTE        | SEGARRA    | SERRANOGARCIA | SIGUENZA  |
| SARATE         | SEGOBIA    | SERRAT        | SILBA     |
| SARAVIA        | SEGOVIA    | SERRATA       | SILERIO   |
| SARAZUA        | SEGOVIANO  | SERRATE       | SILES     |
| SARCENO        | SEGUEDA    | SERRATO       | SILFA     |
| SARDINAS       | SEGUINOT   | SERRATOS      | SILGUERO  |

|                |                |               |            |
|----------------|----------------|---------------|------------|
| SILIEZAR       | SOBREVILLA     | SORDO         | SUBIA      |
| SILIS          | SOBRINO        | SOREANO       | SUBIAS     |
| SILLAS         | SOC            | SORIA         | SUCHIL     |
| SILLERO        | SOCA           | SOROA         | SUCHITE    |
| SILOS          | SOCARRAS       | SOROLA        | SUCILLA    |
| SILVAGARCIA    | SOCOP          | SORTO         | SUCO       |
| SILVAGNOLI     | SOCORRO        | SOSA          | SUCUZHANAY |
| SILVAGONZALEZ  | SOJO           | SOSTENES      | SUEIRO     |
| SILVAHERNANDEZ | SOLACHE        | SOSTRE        | SUERO      |
| SILVALOPEZ     | SOLALINDE      | SOTAMBA       | SUESCUN    |
| SILVAMARTINEZ  | SOLANO         | SOTELLO       | SULCA      |
| SILVAPEREZ     | SOLARES        | SOTELO        | SULIVERES  |
| SILVARODRIGUEZ | SOLAREZ        | SOTERO        | SUMANO     |
| SILVAS         | SOLARIO        | SOTILLO       | SUMAYA     |
| SILVEYRA       | SOLARTE        | SOTO          | SUMBA      |
| SIMANCAS       | SOLEDAD        | SOTODIAZ      | SUNCAR     |
| SIMBANA        | SOLER          | SOTOGARCIA    | SUNCIN     |
| SIMBRON        | SOLERO         | SOTOGONZALEZ  | SUNIGA     |
| SIMENTAL       | SOLIS          | SOTOHERNANDEZ | SUNSIN     |
| SINALOA        | SOLISGARCIA    | SOTOLONGO     | SUQUILANDA |
| SINCHE         | SOLISHERNANDEZ | SOTOLOPEZ     | SUREZ      |
| SINCHI         | SOLISMARTINEZ  | SOTOMARTINEZ  | SURIEL     |
| SINISTERRA     | SOLIVAN        | SOTOMAYOR     | SURILLO    |
| SINOHUI        | SOLIZ          | SOTOORTIZ     | SURITA     |
| SINTAS         | SOLORIO        | SOTOPEREZ     | SURO       |
| SIORDIA        | SOLORSANO      | SOTORAMIREZ   | SURUY      |
| SIQUEIROS      | SOLORZA        | SOTORIVERA    | SUSANA     |
| SIQUINA        | SOLORZANO      | SOTORODRIGUEZ | SUSANO     |
| SIRIAS         | SOLTERO        | SOTOSANCHEZ   | SUSTACHE   |
| SISALIMA       | SOLTREN        | SOTOSOTO      | SUSTAITA   |
| SISNEROS       | SOMARRIBA      | SOTOTORRES    | SUSTAYTA   |
| SISNEROZ       | SOMOANO        | SOTUYO        | TABANICO   |
| SISTOS         | SOMOHANO       | SOUCHET       | TABARES    |
| SIVERIO        | SOMOZA         | SOUFFRONT     | TABAREZ    |
| SIXTO          | SONERA         | SOZA          | TABERA     |
| SIXTOS         | SONOQUI        | SPINDOLA      | TABLAS     |
| SOBALVARRO     | SONORA         | SUARES        | TABOADA    |
| SOBARZO        | SONTAY         | SUAREZ        | TABOAS     |
| SOBERAL        | SOPENA         | SUASTE        | TABORDA    |
| SOBERANES      | SOPON          | SUASTEGUI     | TABORGA    |
| SOBERANIS      | SOQUI          | SUAZA         | TABULLO    |
| SOBERON        | SORCIA         | SUAZO         | TACAM      |
| SOBRADO        | SORDIA         | SUBERVI       | TACHIQUIN  |

|             |              |             |              |
|-------------|--------------|-------------|--------------|
| TACHO       | TARELO       | TEMBLADOR   | TEXIS        |
| TACUBA      | TARRAGO      | TEMICH      | TEXTA        |
| TACURI      | TARULA       | TEMORES     | THILLET      |
| TADEO       | TASAYCO      | TEMOXTLE    | TIBURCIO     |
| TAFOLLA     | TASCON       | TENA        | TICAS        |
| TAFOYA      | TATIS        | TENAS       | TICONA       |
| TAFUR       | TAVARA       | TENDILLA    | TIENDA       |
| TAHAY       | TAVAREZ      | TENECELA    | TIERRABLANCA |
| TAIPE       | TAVERA       | TENELEMA    | TIERRAFRIA   |
| TAJIBOY     | TAVERAS      | TENEMAZA    | TIFA         |
| TALABERA    | TAVIRA       | TENEMPAGUAY | TIFFER       |
| TALAMANTE   | TAVITAS      | TENESACA    | TIGRE        |
| TALAMANTES  | TAVIZON      | TENEYUQUE   | TIGUILA      |
| TALAMANTEZ  | TEBALAN      | TENEZACA    | TIJERINA     |
| TALANCON    | TEC          | TENIENTE    | TIJERINO     |
| TALavera    | TECALERO     | TENORIO     | TIJERO       |
| TALENO      | TECAXCO      | TEPALE      | TILIANO      |
| TALERO      | TECHERA      | TEPAN       | TINAJERA     |
| TALLABAS    | TECO         | TEPEPA      | TINAJERO     |
| TAMAREZ     | TECUANHUEHUE | TEPETATE    | TINEO        |
| TAMARIT     | TECUANHUEY   | TEPEZANO    | TINOCO       |
| TAMARIZ     | TECUATL      | TEPOX       | TIPAN        |
| TAMAY       | TECUM        | TEPOZ       | TIPAZ        |
| TAMAYO      | TECUN        | TERAN       | TIRADO       |
| TAMBRIZ     | TEHANDON     | TERCERO     | TIRU         |
| TAMBUNGA    | TEHUITZIL    | TERCEROS    | TISCARENO    |
| TAMEZ       | TEIJEIRO     | TERON       | TISNADO      |
| TANCHEZ     | TEJADA       | TERRASAS    | TISTA        |
| TANGARIFE   | TEJAS        | TERRAZA     | TIXI         |
| TANGUMA     | TEJEDA       | TERRAZAS    | TIZCARENO    |
| TANON       | TEJEDOR      | TERRERO     | TIZNADO      |
| TANORI      | TEJEIRO      | TERREROS    | TIZOC        |
| TAPANES     | TEJERA       | TERRIQUEZ   | TIZOL        |
| TAPIA       | TELEZ        | TERRON      | TLAHUEL      |
| TAPIAGARCIA | TELIZ        | TERRONES    | TLAPANCO     |
| TAPIALopez  | TELLADO      | TERRONEZ    | TLASECA      |
| TAPIAS      | TELLECHEA    | TESILLO     | TLATELPA     |
| TAPIZ       | TELLERIA     | TEUTLA      | TLATENCHI    |
| TARACENA    | TELLES       | TEUTLE      | TLATOA       |
| TARAFA      | TELLEZ       | TEVALAN     | TOALA        |
| TARANGO     | TELLO        | TEVENAL     | TOALONGO     |
| TARAZON     | TELON        | TEVEZ       | TOAPANTA     |
| TARAZONA    | TEMAJ        | TEXIDOR     | TOBAR        |



|             |                |                |              |
|-------------|----------------|----------------|--------------|
| TOBON       | TORRESCASTILLO | TOYOS          | TRUCIOS      |
| TOC         | TORRESCRUZ     | TRABAL         | TRUEBA       |
| TOCHIMANI   | TORRES DIAZ    | TRABANINO      | TRUGILLO     |
| TOIRAC      | TORRESFLORES   | TRANCOSO       | TRUILLO      |
| TOJ         | TORRESGARCIA   | TRANQUILINO    | TRUJANO      |
| TOJIN       | TORRESGOMEZ    | TRASLAVINA     | TRUJEQUE     |
| TOLANO      | TORRESGONZALEZ | TRASVINA       | TRUJILLO     |
| TOLAYO      | TORRESHERNANDE | TRAVIESO       | TRUJILO      |
| TOLEDO      | TORRESLOPEZ    | TRAVINO        | TUBENS       |
| TOLENTO     | TORRESMARTINEZ | TREJO          | TUCHEZ       |
| TOLLINCHI   | TORRESMENDOZA  | TREJOHERNANDEZ | TUDON        |
| TOLOZA      | TORRESMORALES  | TREJOMARTINEZ  | TUEROS       |
| TONCHE      | TORRESORTIZ    | TREJOS         | TUESTA       |
| TOPETE      | TORRESPEREZ    | TRELLES        | TUFINO       |
| TORAL       | TORRESRAMIREZ  | TREMILLO       | TULA         |
| TORALES     | TORRESRAMOS    | TREMINIO       | TUMAX        |
| TORANZO     | TORRESREYES    | TRENADO        | TUNCHEZ      |
| TORIBIO     | TORRESRIVERA   | TRESPALACIOS   | TUNDIDOR     |
| TORICES     | TORRESRODRIGUE | TRETO          | TUNON        |
| TORIJA      | TORRESRUIZ     | TREVINIO       | TURBI        |
| TORIJANO    | TORRESSANCHEZ  | TREVINO        | TURCIOS      |
| TORIZ       | TORRESTORRES   | TREVIZO        | TURRIETA     |
| TORMOS      | TORRESVARGAS   | TRIANA         | TURRIETTA    |
| TORNA       | TORRESVEGA     | TRICOCHE       | TURRUBIARTES |
| TORNEL      | TORREZ         | TRIGO          | TURRUBIARTEZ |
| TORNERO     | TORRICO        | TRIGOSO        | TURRUBIATE   |
| TORNEZ      | TORRIENTE      | TRIGUEROS      | TURRUBIATES  |
| TORO        | TORRIJOS       | TRIJILLO       | TURULL       |
| TORQUEMADA  | TORROS         | TRILLO         | TUTIVEN      |
| TORRADO     | TORRUELLA      | TRIMINIO       | TUYA         |
| TORRALES    | TORRUELLAS     | TRIMINO        | TZEP         |
| TORRALVA    | TORTOLEDO      | TRINADAD       | TZIC         |
| TORRAS      | TORTOLERO      | TRINCADO       | TZINTZUN     |
| TORREALBA   | TORUNO         | TRINIDAD       | TZOC         |
| TORREBLANCA | TOSADO         | TRISTAN        | TZUL         |
| TORRECILLA  | TOSSAS         | TRISTE         | TZUN         |
| TORRECILLAS | TOSTADO        | TRIUNFEL       | TZUNUN       |
| TORREJON    | TOUAR          | TRIVINO        | UBALLE       |
| TORRELLAS   | TOVALIN        | TROCHE         | UBEDA        |
| TORRENTES   | TOVAR          | TROCHEZ        | UBIAS        |
| TORRERO     | TOVIAS         | TROJILLO       | UBIERA       |
| TORRES      | TOXQUI         | TRONCOSO       | UBIETA       |
| TORRESCANO  | TOXTLE         | TROYA          | UBILES       |

|            |            |            |              |
|------------|------------|------------|--------------|
| UBILLA     | URESTE     | URTEAGA    | VALDENEGRO   |
| UBILLUS    | URESTI     | URTECHO    | VALDEPENA    |
| UBINAS     | URGELLES   | URTEZ      | VALDERA      |
| UC         | URGILES    | URTIAGA    | VALDERAS     |
| UCAN       | URGILEZ    | URTIZ      | VALDERAZ     |
| UCEDA      | URIARTE    | URUCHIMA   | VALDERRABANO |
| UCETA      | URIAS      | URUENA     | VALDERRAMA   |
| UCLES      | URIBARRI   | URUETA     | VALDES       |
| UDAVE      | URIBE      | URUTIA     | VALDESPINO   |
| UFRET      | URIBES     | URVINA     | VALDEZ       |
| UGALDE     | URIEGAS    | URZUA      | VALDEZGARCIA |
| UGARTE     | URIEL      | USCANGA    | VALDEZLOPEZ  |
| UGARTECHEA | URIETA     | USECHE     | VALDILLEZ    |
| UGAZ       | URIOSTE    | USEDA      | VALDIVA      |
| ULATE      | URIOSTEGUI | USMA       | VALDIVIA     |
| ULERIO     | URISTA     | USQUIANO   | VALDIVIAS    |
| ULLOA      | URITA      | UTRERA     | VALDIVIESO   |
| ULTRERAS   | URIVE      | UTRERAS    | VALDIVIEZ    |
| UMANA      | URIZA      | UVALDO     | VALDIVIEZO   |
| UMANZOR    | URIZAR     | UVALLE     | VALDIZON     |
| UMPIERRE   | UROZA      | UVINA      | VALDOVINO    |
| UMPIERREZ  | URQUIA     | UZARRAGA   | VALDOVINOS   |
| UNDA       | URQUIAGA   | UZCATEGUI  | VALENCIA     |
| UNZUETA    | URQUIDES   | UZETA      | VALENCIANA   |
| UPEGUI     | URQUIDEZ   | UZHCA      | VALENCIANO   |
| UQUILLAS   | URQUIDI    | UZUETA     | VALENSUELA   |
| URAGA      | URQUIETA   | VACA       | VALENTIN     |
| URAJE      | URQUIJO    | VACIO      | VALENZO      |
| URANGA     | URQUILLA   | VACQUEZ    | VALENZUELA   |
| URANGO     | URQUIOLA   | VADILLO    | VALERDI      |
| URBAEZ     | URQUIZA    | VADO       | VALERO       |
| URBALEJO   | URQUIZO    | VAEZ       | VALESQUEZ    |
| URBAY      | URQUIZU    | VAGAS      | VALETIN      |
| URBIETA    | URRA       | VAGLIENTY  | VALEZQUEZ    |
| URBINA     | URRABAZO   | VAIZ       | VALIDO       |
| URCINO     | URRACA     | VALADES    | VALIENTE     |
| URCUYO     | URREA      | VALADEZ    | VALLADARES   |
| URDANETA   | URREGO     | VALAQUEZ   | VALLADAREZ   |
| URDIALES   | URRIETA    | VALAREZO   | VALLADO      |
| URDIALEZ   | URRIOLA    | VALASCO    | VALLADOLID   |
| URENA      | URROZ      | VALAZQUEZ  | VALLARTA     |
| URENDA     | URRUTIA    | VALCARCEL  | VALLE        |
| URENO      | URTADO     | VALDELAMAR | VALLECILLO   |

|                |                |                |            |
|----------------|----------------|----------------|------------|
| VALLECILLOS    | VARRERA        | VEDIA          | VELES      |
| VALLEGO        | VARRIOS        | VEGA           | VELESACA   |
| VALLEJO        | VASALLO        | VEGAGARCIA     | VELESQUEZ  |
| VALLEJOS       | VASCONES       | VEGAGONZALEZ   | VELETA     |
| VALLES         | VASCONEZ       | VEGAHERNANDEZ  | VELEZ      |
| VALLEZ         | VASGUEZ        | VEGALOPEZ      | VELGARA    |
| VALLIN         | VASQUEZ        | VEGAMARTINEZ   | VELIS      |
| VALOY          | VASQUE         | VEGAPEREZ      | VELIZ      |
| VALQUEZ        | VASQUES        | VEGARODRIGUEZ  | VELLON     |
| VALTIERRA      | VASQUEZ        | VEGASANCHEZ    | VELOZ      |
| VALTIERREZ     | VASQUEZCRUZ    | VEGATORRES     | VELTRAN    |
| VALVERDE       | VASQUEZGARCIA  | VEGUILLA       | VENCES     |
| VANEGA         | VASQUEZGONZALE | VEINTIMILLA    | VENDRELL   |
| VANEGAS        | VASQUEZHERNAND | VEITIA         | VENECIA    |
| VAQUEDANO      | VASQUEZLOPEZ   | VEIZAGA        | VENEGAS    |
| VAQUER         | VASQUEZMARTINE | VEJAR          | VENEREO    |
| VAQUERA        | VASQUEZMORALES | VEJIL          | VENEROS    |
| VAQUERANO      | VASQUEZPEREZ   | VELA           | VENGOECHEA |
| VAQUERO        | VASQUEZRAMIREZ | VELADO         | VENITEZ    |
| VAQUEZ         | VASQUEZREYES   | VELADOR        | VENZOR     |
| VAQUIZ         | VASQUEZRODRIGU | VELANDIA       | VERA       |
| VARAJAS        | VASQUEZVASQUEZ | VELAQUEZ       | VERAS      |
| VARAS          | VASQUZ         | VELARDE        | VERASTEGUI |
| VARELA         | VAZGUEZ        | VELARDEZ       | VERDECIA   |
| VARELAS        | VAZQUES        | VELASCO        | VERDEJA    |
| VARGAS         | VAZQUEZ        | VELASQUEZ      | VERDEJO    |
| VARGASGARCIA   | VAZQUEZCRUZ    | VELASQUE       | VERDESOTO  |
| VARGASGOMEZ    | VAZQUEZDIAZ    | VELASQUES      | VERDINEZ   |
| VARGASGONZALEZ | VAZQUEZGARCIA  | VELASQUEZ      | VERDOZA    |
| VARGASHERNANDE | VAZQUEZGOMEZ   | VELASQUEZLOPEZ | VERDUGA    |
| VARGASLOPEZ    | VAZQUEZGONZALE | VELASQUEZPEREZ | VERDUGO    |
| VARGASMARTINEZ | VAZQUEZHERNAND | VELASTEGUI     | VERDUSCO   |
| VARGASPEREZ    | VAZQUEZLOPEZ   | VELAZCO        | VERDUZCO   |
| VARGASRAMIREZ  | VAZQUEZMARTINE | VELAZGUEZ      | VERGARA    |
| VARGASSANCHEZ  | VAZQUEZPEREZ   | VELAZQUE       | VERGARAY   |
| VARGASTORRES   | VAZQUEZRAMIREZ | VELAZQUES      | VERGEL     |
| VARGASVARGAS   | VAZQUEZRIVERA  | VELAZQUEZ      | VERGIL     |
| VARGAZ         | VAZQUEZSANCHEZ | VELAZQUEZLOPEZ | VERJAN     |
| VARGES         | VAZQUEZTORRES  | VELAZQUEZPEREZ | VERNAZA    |
| VARGOS         | VAZQUEZVAZQUEZ | VELAZUEZ       | VERONICA   |
| VARGUEZ        | VAZUEZ         | VELDERRAIN     | VERTIZ     |
| VARILLAS       | VEAS           | VELECELA       | VESGA      |
| VARONA         | VECERRA        | VELENCIA       | VESQUEZ    |

|                |             |             |               |
|----------------|-------------|-------------|---------------|
| VEYNA          | VIGIL       | VILLALOBOZ  | VILLAVICENCIO |
| VEYTIA         | VIGOA       | VILLALON    | VILLAZANA     |
| VIALIZ         | VIGUERAS    | VILLALONA   | VILLAZON      |
| VIALPANDO      | VIGUERIA    | VILLALONGA  | VILLEDADA     |
| VIAMONTE       | VIJARRO     | VILLALONGO  | VILLEGA       |
| VIAMONTES      | VIJIL       | VILLALOPEZ  | VILLEGAS      |
| VIAYRA         | VILANO      | VILLALOVOS  | VILLELA       |
| VICENS         | VILANOVA    | VILLALPANDO | VILLERREAL    |
| VICENTELOPEZ   | VILCA       | VILLALTA    | VILLERREAL    |
| VICENTEVICENTE | VILCAPOMA   | VILLALVA    | VILLESACA     |
| VICENTY        | VILCHE      | VILLALVAZO  | VILLESCAS     |
| VICHOT         | VILCHES     | VILLAMAN    | VILLESACAZ    |
| VICIOSO        | VILCHEZ     | VILLAMAR    | VILLETA       |
| VICTORERO      | VILCHIS     | VILLAMARIN  | VILLEZCAS     |
| VICTORES       | VILCHIZ     | VILLAMIL    | VILLICANA     |
| VICTORIANO     | VILDOSOLA   | VILLAMIZAR  | VILLOBOS      |
| VICUNA         | VILLA       | VILLANEDA   | VILLOCH       |
| VIDACA         | VILLABONA   | VILLANEUVA  | VILLODAS      |
| VIDAL          | VILLABOS    | VILLANEVA   | VILLOT        |
| VIDALES        | VILLACANA   | VILLANUEBA  | VILLOTA       |
| VIDALEZ        | VILLACIS    | VILLANUEVA  | VILORIO       |
| VIDALS         | VILLACRES   | VILLANUEVA  | VINAJA        |
| VIDANA         | VILLACRESES | VILLANUVA   | VINALAY       |
| VIDARTE        | VILLADA     | VILLAPUDUA  | VINALES       |
| VIDAURE        | VILLADO     | VILLAREAL   | VINALS        |
| VIDAURI        | VILLAESCUSA | VILLARES    | VINANZACA     |
| VIDAURRAZAGA   | VILLAFAN    | VILLARINI   | VINASCO       |
| VIDAURRE       | VILLAFANA   | VILLARONGA  | VINCES        |
| VIDAURRI       | VILLAFANE   | VILLARRAGA  | VINDAS        |
| VIDEA          | VILLAFRANCA | VILLARREAL  | VINDEL        |
| VIDELA         | VILLAFRANCO | VILLARREL   | VINDELL       |
| VIDES          | VILLAFUERTE | VILLARRIAL  | VINDIOLA      |
| VIDOT          | VILLAGARCIA | VILLARROEL  | VINIEGRA      |
| VIDRIO         | VILLAGAS    | VILLARRUEL  | VINTIMILLA    |
| VIDRIOS        | VILLAGOMES  | VILLASANA   | VINUEZA       |
| VIELMA         | VILLAGOMEZ  | VILLASANO   | VIORATO       |
| VIELMAN        | VILLAGRA    | VILLASANTE  | VIQUEZ        |
| VIELMAS        | VILLAGRAN   | VILLASECA   | VIRAMONTES    |
| VIENTOS        | VILLAGRANA  | VILLASENOR  | VIRAMONTEZ    |
| VIERA          | VILLALBA    | VILLASMIL   | VIRELAS       |
| VIESCA         | VILLALBAZO  | VILLASTRIGO | VIRELLA       |
| VIEYRA         | VILLALOBO   | VILLASUSO   | VIRGEN        |
| VIEZCAS        | VILLALOBOS  | VILLATORO   | VIROLA        |

|             |              |           |              |
|-------------|--------------|-----------|--------------|
| VIRRUETA    | XICOHTENCATL | YGLECIAS  | ZAGADA       |
| VIRTO       | XICOTENCATL  | YGLESIAS  | ZAGAL        |
| VIRUEL      | XILOJ        | YLLESCAS  | ZALAPA       |
| VIRUET      | XIMENEZ      | YNFANTE   | ZALASAR      |
| VIRUETE     | XIQUE        | YNIGUEZ   | ZALAZAR      |
| VIRULA      | XIQUIN       | YNOA      | ZALDANA      |
| VISARRAGA   | XOCHICALE    | YNOCENCIO | ZALDIVAR     |
| VISCAINO    | XOCHIHUA     | YNOSTROSA | ZALDUMBIDE   |
| VISCARRA    | XOCHIMITL    | YNOSTROZA | ZAMACONA     |
| VISOSO      | XOCHIPA      | YNZUNZA   | ZAMAGO       |
| VITELA      | XOLO         | YOC       | ZAMANO       |
| VITERI      | XUM          | YOCUPICIO | ZAMARIPA     |
| VITOLAS     | XUNCAX       | YOGUEZ    | ZAMARRIPA    |
| VITTINI     | YAC          | YRACHETA  | ZAMARRON     |
| VIURQUEZ    | YADO         | YRIBE     | ZAMAYOA      |
| VIVALDO     | YAGUAL       | YRIGOLLEN | ZAMBADA      |
| VIVANCO     | YAHUACA      | YRUEGAS   | ZAMBRANA     |
| VIVAR       | YAMBO        | YSAIS     | ZAMBRANO     |
| VIVAS       | YANAS        | YSASAGA   | ZAMILPA      |
| VIVERO      | YANES        | YSASI     | ZAMORA       |
| VIVEROS     | YANEZ        | YSASSI    | ZAMORAGARCIA |
| VIVES       | YANIZ        | YSLAS     | ZAMORANO     |
| VIZCAINO    | YANQUI       | YSLAVA    | ZAMORES      |
| VIZCARRA    | YANZA        | YSQUIERDO | ZAMOT        |
| VIZCARRONDO | YAPOR        | YTUARTE   | ZAMUDIO      |
| VIZCAYA     | YARRITO      | YUBETA    | ZANABRIA     |
| VIZHNAY     | YARZA        | YULFO     | ZANCHES      |
| VIZOSO      | YASCARIBAY   | YUMAN     | ZANDATE      |
| VIZUET      | YATACO       | YUNEZ     | ZAPATA       |
| VIZUETA     | YAURI        | YUNGA     | ZAPATERO     |
| VIZUETE     | YBARRA       | YUPA      | ZAPEDA       |
| VIZUETH     | YCAZA        | YUPANQUI  | ZAPETA       |
| VIZZERRA    | YDROGO       | YUQUILIMA | ZAPIAIN      |
| VOLQUEZ     | YEBRA        | YURIAR    | ZAPIEN       |
| VUELVAS     | YEGA         | YVARRA    | ZAPON        |
| VUITTONET   | YELA         | YZAGUIRRE | ZAPOT        |
| WENCES      | YEPES        | YZQUIERDO | ZAPOTE       |
| WILCHES     | YEPEZ        | ZABALETA  | ZARAGOSA     |
| WISCOVITCH  | YEPIZ        | ZABALZA   | ZARAGOZA     |
| WITRAGO     | YERA         | ZACAPALA  | ZARAT        |
| XEC         | YERENA       | ZACARIAS  | ZARATE       |
| XELHUA      | YESCAS       | ZACATELCO | ZARAZUA      |
| XELO        | YEVERINO     | ZACATENCO | ZARCENO      |

|               |             |
|---------------|-------------|
| ZARCO         | ZETINA      |
| ZARINANA      | ZETINO      |
| ZARRAGA       | ZEVALLOS    |
| ZARUMA        | ZHAGNAY     |
| ZARZA         | ZHAGUI      |
| ZARZOSA       | ZHANAY      |
| ZARZOZA       | ZHICAY      |
| ZARZUELA      | ZHININ      |
| ZATARAIN      | ZHUMI       |
| ZAUALA        | ZHUNIO      |
| ZAVALA        | ZINTZUN     |
| ZAVALAGARCIA  | ZINZUN      |
| ZAVALALOPEZ   | ZIRANDA     |
| ZAVALETA      | ZIZUMBO     |
| ZAVALZA       | ZOMETA      |
| ZAYAS         | ZOQUIER     |
| ZAYASBAZAN    | ZOROLA      |
| ZAZUETA       | ZORRILLA    |
| ZEAS          | ZOZAYA      |
| ZEBALLOS      | ZUAZO       |
| ZECENA        | ZUAZUA      |
| ZECUA         | ZUBIA       |
| ZEFERINO      | ZUBIATE     |
| ZEGARRA       | ZUBIETA     |
| ZELADA        | ZUBIZARRETA |
| ZELAYA        | ZULETA      |
| ZELAYANDIA    | ZULOAGA     |
| ZELEDON       | ZULUAGA     |
| ZEMPOALTECA   | ZUMAETA     |
| ZEMPOALTECATL | ZUMARAN     |
| ZENDEJAS      | ZUMAYA      |
| ZENGOTITA     | ZUMBA       |
| ZENIL         | ZUMBADO     |
| ZENTENO       | ZUNEGA      |
| ZEPEDA        | ZUNIGA      |
| ZEPETA        | ZUNO        |
| ZEQUEIRA      | ZUNUN       |
| ZERMENO       | ZURITA      |
| ZERON         |             |
| ZERPA         |             |
| ZERQUERA      |             |
| ZERTUCHE      |             |
| ZESATI        |             |

# APPENDIX G-

## LIST OF ACCEPTABLE MEDICAL ABBREVIATIONS

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**The list for Recommended Abbreviations for Abstractors can be found in Appendix G of the NAACCR Data Standards and Data Dictionary**  
<https://www.naaccr.org/data-standards-data-dictionary/>

### RECOMMENDED ABBREVIATIONS FOR ABSTRACTORS

Abbreviations often are used by cancer abstractors to shorten the written narratives entered into text fields to facilitate the electronic storage and transmission of the information. However, abbreviations can generate confusion, because abbreviations may vary among different institutions and even between different specialties within the same institution. To be useful, an abbreviation must be clearly understood by any individual who encounters it. Consequently, the use of abbreviations is a useful abstracting practice only if universally recognized and understood abbreviations are used.

The NAACCR Recommended Abbreviations Listings were developed for utilization by cancer report abstractors and the agencies to which they submit their data. These lists were compiled to reduce some of the confusion that can result from the use of common and not-so-common abbreviations when abstracting reports of cancer from the medical record. Although the lists may shed some light on abbreviations used in the medical record, please note that these lists are intended to be used as a primary reference by the cancer abstractor, to help abstract necessary information into a limited number of text fields for storage and transmission of cancer information.

There are two main lists of over 600 words/terms and their recommended abbreviations/symbols, as well as a special table of context-sensitive abbreviations. The first list is ordered by the words/terms for which an abstractor seeks an abbreviation, and the second is ordered by abbreviation/symbol, paired with the complete word or term. The context-sensitive abbreviations table consists of a subset of the abbreviations, for which a different context for the same abbreviation conveys a different meaning (for example, CA may mean calcium or carcinoma, and ML may mean milliliter or middle lobe). For these context-sensitive abbreviations, the meaning of the abbreviation should be readily apparent from its context.