

# Oracle Financial Crime and Compliance Management Cloud Service

## Watchlist Management



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## A Synonyms

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# Preface

*Watchlist Management* provides instruction to configure the watchlists for Oracle Financial Crime and Compliance Management Cloud service.

## Audience

This document is intended for users who are responsible for provisioning and activating Oracle Financial Crime and Compliance Management Cloud service or for adding other users who would manage the services, or for users who want to develop Oracle Cloud applications.

## Help

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## Related Resources

For more information, see these Oracle resources:

- Oracle Public Cloud: <http://cloud.oracle.com>
- Community: Use <https://community.oracle.com/customerconnect/> to get information from experts at Oracle, the partner community, and other users.
- Training: Take courses on Oracle Cloud from <https://education.oracle.com/oracle-cloud-learning-subscriptions>.

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## Conventions

The following text conventions are used in this document:

| Convention             | Meaning                                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>boldface</b>        | Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.         |
| <i>italic</i>          | Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.                          |
| <code>monospace</code> | Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter. |

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# 1

## Watchlist Management

Use the watch list management menus to add one or more records to a private watch list and add synonyms and stop words which are used during the matching process.

Topics:

- [Download Watchlists and Loading Data to OpenSearch](#)
- [Prohibited Identifier Watchlist](#)
- [Private Watchlist](#)
- [Synonym Management](#)
- [Index Management](#)
- [Prohibited Country Watchlist](#)
- [Prohibited City Watchlist](#)
- [Prohibited Goods Watchlist](#)
- [Prohibited Port Watchlist](#)
- [Stop Keywords Watchlist](#)

### 1.1 Download Watchlists and Loading Data to OpenSearch

(Required) <Enter a short description here.>

The watch list widget downloads the watch list data by using the URL specified in the **Watchlist Management** window in the **Watchlist Management** widget link to widgets section in pipeline designer. The URLs are ready-to-use and can be edited if required; the username and password must be entered only if required for the watch list. The watch list widget can download and ingest free and subscription-based watch lists for screening. You can also use private watch lists using the **Private Watchlist** window. Private watchlist supports upload and download of data. For more information, see [Private Watchlist](#).

- To download the Office of Foreign Assets Control (OFAC), United Nations (UN), European Union (EU) and HM Treasury (HMT) watch list data and load it to OS for matching, run the **WLOFACLoad**, **WLUNLoad**, **WLEULoad** and **WLHMTLoad** batch through the [Scheduler Service](#).
- To download the WC watch list data and load it to OpenSearch (OS) for matching, run the **WLWCSTANDARDLoad** batch if you have a standard subscription, and run the **WLWCPREMIUMLoad** batch if you have a premium subscription. These batches are run through the [Scheduler Service](#).
- To download the DowJones data and load it to OS for matching, run the **WLDJWLoad**. These batches are run through the [Scheduler Service](#).
- To download the private watch list data and load it to OS for matching, run the **WLPRIVATELoad** batch through the [Scheduler Service](#).

Optionally, Financial Institutions with a large customer base can periodically load delta records of customer data and watch list data. Oracle's Cloud Service screens the delta records of customers and watchlist records without impacting the quality of the events generated.

- To download the WC Delta Watch List Data and load it to OS for matching, run the **WLWCSTANDARDDeltaLoad** batch if you have a standard subscription, and run the **WLWCPREMIUMDeltaLoadbatch** if you have a premium subscription. These batches are run through the [Scheduler Service](#).
- To download the DowJones Delta Watch List Data and load it to OS for matching, run the **WLDJWDeltaLoad**. These batches are run through the [Scheduler Service](#).

## 1.2 Prohibited Identifier Watchlist

Instructions for adding Identifier Watchlist records.

There are two ways to add Identifier Watchlist records.

1. Add a record using the **Identifier Watchlist** window. When you add a new record, it appears on the **Identifier Watchlist** grid. To add Identifier Watchlist records follow the subsequent steps:
  - a. From the Navigation List, click **Watchlist Management**.
  - b. From the Navigation List, click **Prohibited Identifier Watchlist**. The Identifier Watchlist Screen displays.
  - c. Click **Add** .
  - d. Enter values for the following fields in the **Add Identifier Watch List** window
  - e. Click **Save** to save the record.
2. To add or edit Identifier Watchlist records in bulk, export the Identifier Watchlist, add values in the applicable columns, or add a new row and provide values in the applicable columns, and upload the file. You cannot change the structure of the file.

To add watch list data using the template, follow these steps:

- a. Click **Export**  to download the template.
- b. Enter the values in the required columns and save the file.
- c. Click **Import** . The file is uploaded and the records are displayed on the Identifier Watchlist grid.

Follow the same steps to edit watch list data using the template.

**Table 1-1 Search fields for Identifier Watchlist**

| Record Name        | Description                                   |
|--------------------|-----------------------------------------------|
| Identifier         | Enter the enter identifier code.              |
| Passport           | Enter the Passport number.                    |
| LEI Code           | Enter the Legal Entity Identifier (LEI) code. |
| BIC Code           | Enter the Bank Identifier Code (BIC) code.    |
| Identifier Details | Enter the identifier type.                    |
| Data Source        | Enter the source of data.                     |
| Risk Score         | Enter a risk score.                           |

## 1.2.1 Edit the Record

To edit a Identifier Watchlist record, follow these steps:

1. Select the check box in line with the record you want to edit.
2. Click **Edit** to open the **Add Identifier Watchlist** window.
3. Edit the required fields.

## 1.3 Private Watchlist

Instructions for adding Private Watchlist.

There are two ways to add private watchlist records:

1. Add a record using the **Private Watchlist** window. When you add a new record, it appears on the **Private Watchlist** grid. To add Identifier Watchlist records follow the subsequent steps:
  - a. From the Navigation List, click **Watchlist Management**.
  - b. From the Navigation List, click **Private Watchlist**. The Private Watchlist Screen displays.
  - c. Click **Add** .
  - d. Enter values for the following fields in the **Add Private Watchlist** window
  - e. Click **Save** to save the record.

### Note:

To add a 314a Watchlist record the 314A Watchlist Admin Role should be mapped to any of the user group of the current user. For more information about assigning the user role, see [Using Admin Console](#).

2. To add or edit Private Watchlist records in bulk, export the Private Watchlist, add values in the applicable columns, or add a new row and provide values in the applicable columns, and upload the file. You cannot change the structure of the file.

To add watch list data using the template, follow these steps:

- a. Click **Export**  to download the template.
- b. Enter the values in the required columns and save the file.
- c. Click **Import** . The file is uploaded and the records are displayed on the Private Watchlist grid.

Follow the same steps to edit watch list data using the template.



 **Note:**

- For new records while importing, keep the Watchlist ID field empty.
- For updating existing records, you must provide the Watchlist ID.
- The following fields are mandatory:
  - Is Active
  - Full Name
  - Entity Name
  - Family Name
  - WatchList Type
  - WatchList Sub Type
- DOB format must be YYYY-MM-DD.
- For the WatchList Type field, you must enter the WatchList Type code, which is already available.

**Table 1-2 Search fields for Identifier Watchlist**

| Record Name        | Description                                                                                                                                                                                                                                            |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Is Active          | Enter <b>Y</b> if the record must be considered for matching, else enter <b>N</b> . <b>(Mandatory)</b>                                                                                                                                                 |
| Entity Name        | Enter the individual's or entity's name. You can also select an entity name of a record and click Search. <b>(Mandatory)</b>                                                                                                                           |
| Jurisdiction       | Enter the jurisdiction that applies to the individual or entity. You can also select a jurisdiction of a record and click <b>Search</b> .                                                                                                              |
| WatchList Type     | Enter the watch list type. You can also select a watch list type of a record and click Search. <b>(Mandatory)</b><br><b>Note:</b> For 314a scenario, you can select the 314a WatchList Type from the WatchList Type drop-down.                         |
| WatchList Sub Type | Enter the watch list subtype. You can also select a watch list sub type of a record and click Search. <b>(Mandatory)</b><br><b>Note:</b> If you have selected the 314a WatchList Type then you must select the 314a from Watchlist Sub Type drop-down. |
| Entity Type        | Enter the entity type. You can also select an entity type of a record and click <b>Search</b> .                                                                                                                                                        |
| Entity SubType     | Enter the entity subtype. You can also select an entity subtype of a record and click <b>Search</b> .                                                                                                                                                  |
| Title              | Enter the title used to refer to the individual.                                                                                                                                                                                                       |
| Full Name          | Enter the individual's or entity's full name. You can also select the full name of a record and click Search. <b>(Mandatory)</b>                                                                                                                       |
| Given Name         | Enter the individual's given name. You can also select the given name of a record and click Search. <b>(Mandatory)</b>                                                                                                                                 |
| Family Name        | Enter the individual's family name. You can also select the family name of a record and click Search. <b>(Mandatory)</b>                                                                                                                               |

**Table 1-2 (Cont.) Search fields for Identifier Watchlist**

| Record Name                      | Description                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DOB                              | Click Calendar to select the individual's date of birth or the entity's date of incorporation. (YYYY-MM-DD)                                                                                  |
| City                             | Enter the city where the individual resides or the state in which the entity is registered.                                                                                                  |
| Birth Country Code               | Enter the country code of the individual's country of birth.                                                                                                                                 |
| Aliases                          | Enter the individual's or entity's alias.                                                                                                                                                    |
| Address Country Code             | Enter the country code of the address provided in the Address field.                                                                                                                         |
| Address                          | Enter the address where the individual resides or the address where the entity is registered.                                                                                                |
| Gender                           | Enter the individual's gender.                                                                                                                                                               |
| Entity Registration Number       | Enter the entity registration number or company registration number (CRN) that is used to verify the entity's existence.                                                                     |
| Entity Registration Country Code | Enter the code of the country in which the entity is registered.                                                                                                                             |
| Entity Operating Country Codes   | Enter the code of the country where the entity is headquartered.                                                                                                                             |
| Identity Number                  | Enter the number used to identify the individual or entity.                                                                                                                                  |
| Identity Country                 | Enter the name of the country which issues the identification document.                                                                                                                      |
| Identity Type                    | Enter the document used to identify the individual.                                                                                                                                          |
| Last Update Date                 | Enter the date on which the record was last updated.                                                                                                                                         |
| Load Date                        | Enter the date on which data was loaded for the record.                                                                                                                                      |
| Nationality Country Code         | Enter the code of the country where the individual resides.                                                                                                                                  |
| State                            | Enter the state where the individual resides or the state in which the entity is registered.                                                                                                 |
| Risk Score                       | Enter the individual's or entity's final risk score.                                                                                                                                         |
| Residency Country Code           | Enter the individual's residence.                                                                                                                                                            |
| Postal Code                      | Enter the postal code of the individual or entity's address.                                                                                                                                 |
| Passport                         | Enter the individual's passport number.                                                                                                                                                      |
| Passport Country                 | Enter the name of the country that has issued the individual's passport.                                                                                                                     |
| Occupation                       | Enter the individual's occupation.                                                                                                                                                           |
| Further Information              | Enter any additional information about the individual or entity.                                                                                                                             |
| Other Party Name                 | Enter the name required to capture beneficiary owner, local name or linked entity name. This field is an addition to alias name and required to capture additional details about the entity. |
| Description                      | Provide a brief description for 'Other party name'. You can filter the records in the private watchlist using the Description field.                                                         |

### 1.3.1 Edit the Record

To edit a Private Watchlist record, follow these steps:

1. Select the check box in line with the record you want to edit.

2. Click **Edit** to open the **Add Private Watch List** window.
3. Edit the required fields.
4. Click **Save** to save the record.

## 1.4 Synonym Management

Synonyms are words that are similar to the data being screened and support matching by increasing match scores where data is equivalent. For example:

- 1st and FIRST
- Alex and Alexander

Stop words are words that must not be considered for screening and are filtered out during matching. For example, Mr or Ms. Both these values are displayed in the Synonyms grid in the Alias Values column.

The following menus are available:

- Organization Numbers - the values in this menu are considered for synonym matching.  
For example: one, 1st, first.
- Country Synonyms - the values in this menu are considered for synonym matching.  
For example: UAE, United Arab Emirates, AE.
- Individual Gender - the values in this menu are considered as stop words.  
For example: Baron, Baroness, Count, Countess, His, Her.
- Organization Strip Words (shortened) - the values in this menu are considered as stop words.  
For example: &, FIN, corp.
- Organization Suffix (acronym) - the values in this menu are considered as stop words.  
For example: Org, ORG, Inc., Pvt.
- Individual Name Synonyms - the values in this menu are considered for synonym matching.  
For example: Aaliyah, Aliya, Aliyah.
- Individual Title - the values in this menu are considered as stop words.  
For example: Sheikh, Mr, Ms, Mrs, Admiral.
- Individual Name Strip Words (shortened) - the values in this menu are considered as stop words.  
For example: al, el, bin.
- Organization Business Word (common business words that are considered during the scoring process) - the values in this menu are considered as stop words.  
For example: Banking, Shipping.
- Organization stopwords - the values in this menu are considered as stop words.  
For example: For example: Finance, Corporation, Incorporated.

There are two ways to add synonyms and stop words:

1. Add a record using the **Synonym** window. When you add a new record, it appears on the **Synonyms** grid. To add a record, follow these steps:
  - a. Click **Add**  to open the **Add Aliases** window.
  - b. Enter values for the fields. See [Table 1-3](#).
  - c. Click **Save** to save the record.
2. To add or edit synonyms and stop word records in bulk, export the Synonyms list, add values in the applicable columns, or add a new row and provide values in the applicable columns, and upload the file. You cannot change the structure of the file. To add synonyms and stop words using the predefined file, follow these steps:

 **Note:**

Do not change the watch list ID for an existing record.

- a. Click **Export**  to download all synonyms or stop words in the selected menu. Enter the values in the required columns and save the file.
- b. Enter the values in the required columns and save the file.
- c. Click **Import** . The file is uploaded and the records are displayed on the **Synonyms** grid. Follow the same steps to edit watch list data using the template.

You can also export all ready-to-use synonyms or stop words by clicking **Export All** . The synonyms and stop words are exported as a file.

**Table 1-3 Search fields for Synonyms**

| Record Name  | Description                                                                                           |
|--------------|-------------------------------------------------------------------------------------------------------|
| Alias Values | Enter the alias value. You can provide multiple values separated by commas. For example: one, ONE, 1. |

## 1.4.1 Edit the Record

To edit Synonym record, follow these steps:

1. Select the check box in line with the record you want to edit.
2. Click **Edit** to open the Add Aliases window.
3. Edit the required fields.
4. Click **Save** to save the record.

## 1.5 Index Management

The Index Management page allows administrators to verify that the correct watchlist index data has been moved into OpenSearch for screening and managing these files.

You can select whether to enable specific watch list files for screening and view basic details for the watch list, including the number of records available for screening and the JSON file for the index file.

To manage watch list index files, follow these steps:

- Open the Index Management page by selecting Index Management under Watchlist Management in the Navigation menu. The index Management page displays a list of available watchlists with the Index Name and number of records included for screening.
  - Selecting Enable indicates that the watch list records are available for screening.
  - Selecting Disable indicates that these watch list records will not be screened.

 **Note:**

The Customer file (`fcc_customer_index`) is mandatory and must always be enabled.

- Click Index JSON  to view the JSON file details associated with this watch list. You can edit the JSON in this window.

 **Note:**

The hyphen (-), dot (.), apostrophe ('), ampersand (&), tilde (~), comma (,), semicolon (;), parentheses (()) along with all accented characters are the special characters that are supported as part of the matching Engine. These characters are replaced by white spaces.

1. Click Validate to verify that your edits to the JSON are valid.
2. Click Save to update the JSON or click Cancel to close without saving your changes.

- Click Delete  to delete the watch list index. To add the watch list again after deleting, you must run a batch. For more information about how to run batches, see [Batch Execution](#).

Following are the sample JSON responses:

**Sample 1:**

```
{
  "schemaName": "",
  "tableName": "FCC_WL_EUROPEAN_UNION_V",
  "filterCondition": "1=1",
  "indexName": "fcc_idx_european_union",
  "indexAlias": "idx_european_union",
```

```
"indexLogicalName": "Watchlist",
"indexBusinessName": "European Union",
"indexKeyAttribute": "n_uid",
"loadType": "FullLoad",
"shards": 1,
"replicas": 3,
"attributes": [
  {
    "name": "v_given_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "name",
    "fields": []
  },
  {
    "name": "v_family_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "namestop",
    "fields": []
  },
  {
    "name": "v_full_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "name",
    "fields": []
  },
  {
    "name": "v_aliases_given_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "namestop",
    "fields": []
  },
  {
    "name": "v_aliases_family_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "name",
    "fields": []
  },
  {
    "name": "v_entity_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "organization",
    "fields": []
  },
  {
    "name": "v_entity_name_bus_strip",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "organization",
    "fields": []
  }
],
```

```
{
  "name": "v_original_script_name",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_date_of_births",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "date",
  "fields": []
},
{
  "name": "v_passports",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_ssn",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_identification_numbers",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_city",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "address",
  "fields": []
},
{
  "name": "v_country",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "address",
  "fields": []
},
{
  "name": "v_nationality",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "address",
  "fields": []
},
},
```

```
{
  "name": "v_residence",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "address",
  "fields": []
},
{
  "name": "v_yob",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_min_yob",
  "type": "integer",
  "similarity": "boolean",
  "fields": []
},
{
  "name": "v_max_yob",
  "type": "integer",
  "similarity": "boolean",
  "fields": []
},
{
  "name": "v_address",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "address",
  "fields": []
},
{
  "name": "v_aliases",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_gender",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "gender",
  "fields": []
},
{
  "name": "v_place_of_birth",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "address",
  "fields": []
},
{
  "name": "v_title",
```



```

        "type": "text",
        "similarity": "boolean",
        "analyzerType": "gender",
        "fields": []
    }
],
"customAnalyzer": [],
"customFilter": [],
"customCharFilter": [],
"customTokenizer": [],
"others": [
    "n_wl_skey",
    "n_run_skey",
    "v_wl_sub_type",
    "v_wl_type",
    "v_entity_type",
    "n_uid",
    "v_occupation",
    "d_load_date",
    "n_eu_ref_num"
],
"replaceCharFields": [
    {
        "name": "v_full_name",
        "charArray": ["-", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_family_name",
        "charArray": ["-", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_given_name",
        "charArray": ["-", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_entity_name",
        "charArray": ["-", "", "&", "()],
        "replaceWith": [" ", "", "and", " "]
    },
    {
        "name": "v_entity_name_bus_strip",
        "charArray": ["-", "", "&", "()],
        "replaceWith": ["", "", "and", " "]
    },
    {
        "name": "v_original_script_name",
        "charArray": ["-", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_country",
        "charArray": ["-", ""],
        "replaceWith": [" ", ""]
    }
]

```

```

    },
    {
      "name": "v_address",
      "charArray": ["-.", ""],
      "replaceWith": [" ", ""]
    },
    {
      "name": "v_aliases_given_name",
      "charArray": ["-.", ""],
      "replaceWith": [" ", ""]
    },
    {
      "name": "v_aliases_family_name",
      "charArray": ["-.", ""],
      "replaceWith": [" ", ""]
    },
    {
      "name": "v_aliases",
      "charArray": ["-.", ""],
      "replaceWith": [" ", ""]
    }
  ],
  "replaceEmptyFields": [],
  "translateFields": [
    "v_family_name",
    "v_given_name",
    "v_full_name",
    "v_aliases_family_name",
    "v_aliases_given_name",
    "v_aliases"
  ]
}

```

**Sample 2:**

```

{
  "schemaName": "",
  "tableName": "FCC_WL_HMT_V",
  "filterCondition": "1=1",
  "indexName": "fcc_idx_hmt",
  "indexAlias": "idx_hmt",
  "indexLogicalName": "Watchlist",
  "indexBusinessName": "HM Treasury",
  "indexKeyAttribute": "n_uid",
  "loadType": "FullLoad",
  "shards": 1,
  "replicas": 3,
  "attributes": [
    {
      "name": "v_given_name",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
  ],
}

```

```
{
  "name": "v_family_name",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "namestop",
  "fields": []
},
{
  "name": "v_full_name",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_aliases_given_name",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "namestop",
  "fields": []
},
{
  "name": "v_aliases_family_name",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_entity_name",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "organization",
  "fields": []
},
{
  "name": "v_entity_name_bus_strip",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "organization",
  "fields": []
},
{
  "name": "v_original_script_name",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_alias_quality",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
}
```

```
{
  "name": "v_name_non_latin_script",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_date_of_births",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "date",
  "fields": []
},
{
  "name": "d_uk_sanction_list_designated",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "date",
  "fields": []
},
{
  "name": "v_passports",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_ssn",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_identification_numbers",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_city",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "address",
  "fields": []
},
{
  "name": "v_country",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "address",
  "fields": []
},
},
```

```
{
  "name": "v_nationality",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "address",
  "fields": []
},
{
  "name": "v_residence",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "address",
  "fields": []
},
{
  "name": "v_yob",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_min_yob",
  "type": "integer",
  "similarity": "boolean",
  "fields": []
},
{
  "name": "v_max_yob",
  "type": "integer",
  "similarity": "boolean",
  "fields": []
},
{
  "name": "n_passport_number",
  "type": "integer",
  "similarity": "boolean",
  "fields": []
},
{
  "name": "v_address",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "address",
  "fields": []
},
{
  "name": "v_aliases",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_gender",
  "type": "text",
```

```
        "similarity": "boolean",
        "analyzerType": "gender",
        "fields": []
    },
    {
        "name": "v_place_of_birth",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_title",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "gender",
        "fields": []
    }
],
"customAnalyzer": [],
"customFilter": [],
"customCharFilter": [],
"customTokenizer": [],
"others": [
    "n_wl_skey",
    "n_run_skey",
    "v_wl_sub_type",
    "v_wl_type",
    "v_entity_type",
    "n_uid",
    "v_occupation",
    "d_last_updated",
    "d_listed_on",
    "d_load_date",
    "v_address_1",
    "v_address_2",
    "v_address_3",
    "v_address_4",
    "v_address_5",
    "v_alias_type",
    "v_country_of_birth",
    "v_name_1",
    "v_name_2",
    "v_name_3",
    "v_name_4",
    "v_name_5",
    "v_name_6",
    "v_other_information",
    "v_post_zip_code",
    "v_regime",
    "v_town_of_birth",
    "v_non_latin_script_type",
    "v_non_latin_script_language",
    "v_ni_details"
],
"replaceCharFields": [
```

```
{
  "name": "v_full_name",
  "charArray": [
    "-.",
    ""
  ],
  "replaceWith": [
    " ",
    ""
  ]
},
{
  "name": "v_family_name",
  "charArray": [
    "-.",
    ""
  ],
  "replaceWith": [
    " ",
    ""
  ]
},
{
  "name": "v_given_name",
  "charArray": [
    "-.",
    ""
  ],
  "replaceWith": [
    " ",
    ""
  ]
},
{
  "name": "v_entity_name",
  "charArray": [
    "-.",
    "",
    "&",
    "()"
  ],
  "replaceWith": [
    " ",
    "",
    "and",
    " "
  ]
},
{
  "name": "v_entity_name_bus_strip",
  "charArray": [
    "-.",
    "",
    "&",
    "()"
  ],
  ],
```

```
        "replaceWith": [
            "",
            "",
            "and",
            " "
        ]
    },
    {
        "name": "v_original_script_name",
        "charArray": [
            "-.",
            ""
        ],
        "replaceWith": [
            " ",
            ""
        ]
    },
    {
        "name": "v_country",
        "charArray": [
            "-.",
            ""
        ],
        "replaceWith": [
            " ",
            ""
        ]
    },
    {
        "name": "v_address",
        "charArray": [
            "-.",
            ""
        ],
        "replaceWith": [
            " ",
            ""
        ]
    },
    {
        "name": "v_aliases_given_name",
        "charArray": [
            "-.",
            ""
        ],
        "replaceWith": [
            " ",
            ""
        ]
    },
    {
        "name": "v_aliases_family_name",
        "charArray": [
            "-.",
            ""
        ]
    }
}
```



```

        ],
        "replaceWith": [
            " ",
            ""
        ]
    },
    {
        "name": "v_aliases",
        "charArray": [
            "-.",
            ""
        ],
        "replaceWith": [
            " ",
            ""
        ]
    }
],
"replaceEmptyFields": [],
"translateFields": [
    "v_family_name",
    "v_given_name",
    "v_full_name",
    "v_aliases_family_name",
    "v_aliases_given_name",
    "v_aliases"
]
}

```

**Sample 3:**

```

{
    "schemaName": "",
    "tableName": "FCC_WL_OFAC_V",
    "filterCondition": "1=1",
    "indexName": "fcc_idx_ofac",
    "indexAlias": "idx_ofac",
    "indexLogicalName": "Watchlist",
    "indexBusinessName": "Office Of Foreign Assets Control",
    "indexKeyAttribute": "n_uid",
    "loadType": "FullLoad",
    "shards": 1,
    "replicas": 3,
    "attributes": [
        {
            "name": "v_given_name",
            "type": "text",
            "similarity": "boolean",
            "analyzerType": "name",
            "fields": []
        },
        {
            "name": "v_family_name",
            "type": "text",
            "similarity": "boolean",

```

```
        "analyzerType": "namestop",
        "fields": []
    },
    {
        "name": "v_full_name",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_aliases_given_name",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "namestop",
        "fields": []
    },
    {
        "name": "v_aliases_family_name",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "namestop",
        "fields": []
    },
    {
        "name": "v_entity_name",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "organization",
        "fields": []
    },
    {
        "name": "v_entity_name_bus_strip",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "organization_strip",
        "fields": []
    },
    {
        "name": "v_original_script_name",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_date_of_births",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "date",
        "fields": []
    },
    {
        "name": "v_passports",
        "type": "text",
        "similarity": "boolean",
```

```
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_ssn",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_identification_numbers",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_city",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_country",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_nationality",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_residence",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_address",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_gender",
        "type": "text",
        "similarity": "boolean",
```

```
        "analyzerType": "gender",
        "fields": []
    },
    {
        "name": "v_yob",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_min_yob",
        "type": "integer",
        "similarity": "boolean",
        "fields": []
    },
    {
        "name": "v_max_yob",
        "type": "integer",
        "similarity": "boolean",
        "fields": []
    },
    {
        "name": "v_place_of_birth",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_city_state_postalcode",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_title",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "gender",
        "fields": []
    }
],
"customAnalyzer": [],
"customFilter": [],
"customCharFilter": [],
"customTokenizer": [],
"others": [
    "v_aliases",
    "v_wl_sub_type",
    "v_wl_type",
    "v_entity_type",
    "n_uid",
    "n_wl_skey",
    "v_occupation"
```

```

],
"replaceCharFields": [
  {
    "name": "v_full_name",
    "charArray": ["-.", ""],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_family_name",
    "charArray": ["-.", ""],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_given_name",
    "charArray": ["-.", ""],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_entity_name",
    "charArray": ["-.", "", "&", "()],
    "replaceWith": [" ", "", "and", " "]
  },
  {
    "name": "v_entity_name_bus_strip",
    "charArray": ["-.", "", "&", "()],
    "replaceWith": ["", "", "and", " "]
  },
  {
    "name": "v_original_script_name",
    "charArray": ["-.", ""],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_country",
    "charArray": ["-.", ""],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_address",
    "charArray": ["-.", ""],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_aliases_given_name",
    "charArray": ["-.", ""],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_aliases_family_name",
    "charArray": ["-.", ""],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_aliases",
    "charArray": ["-.", ""],
    "replaceWith": [" ", ""]
  }
]

```

```
    }  
  ],  
  "replaceEmptyFields": [],  
  "translateFields": [  
    "v_family_name",  
    "v_given_name",  
    "v_full_name",  
    "v_aliases_family_name",  
    "v_aliases_given_name",  
    "v_aliases"  
  ]  
}
```

**Sample 4:**

```
{  
  "schemaName": "",  
  "tableName": "FCC_WL_UN_V",  
  "filterCondition": "1=1",  
  "indexName": "fcc_idx_un",  
  "indexAlias": "idx_un",  
  "indexLogicalName": "Watchlist",  
  "indexBusinessName": "United Nations",  
  "indexKeyAttribute": "n_uid",  
  "loadType": "FullLoad",  
  "shards": 1,  
  "replicas": 3,  
  "attributes": [  
    {  
      "name": "v_given_name",  
      "type": "text",  
      "similarity": "boolean",  
      "analyzerType": "name",  
      "fields": []  
    },  
    {  
      "name": "v_family_name",  
      "type": "text",  
      "similarity": "boolean",  
      "analyzerType": "namestop",  
      "fields": []  
    },  
    {  
      "name": "v_full_name",  
      "type": "text",  
      "similarity": "boolean",  
      "analyzerType": "name",  
      "fields": []  
    },  
    {  
      "name": "v_aliases_given_name",  
      "type": "text",  
      "similarity": "boolean",  
      "analyzerType": "namestop",  
      "fields": []  
    }  
  ]  
}
```

```
    },
    {
      "name": "v_aliases_family_name",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_entity_name",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "organization",
      "fields": []
    },
    {
      "name": "v_entity_name_bus_strip",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "organization",
      "fields": []
    },
    {
      "name": "v_original_script_name",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_date_of_births",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "date",
      "fields": []
    },
    {
      "name": "v_passports",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_ssn",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_identification_numbers",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    }
  ],
  "fields": [
    {
      "name": "v_aliases_family_name",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_entity_name",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "organization",
      "fields": []
    },
    {
      "name": "v_entity_name_bus_strip",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "organization",
      "fields": []
    },
    {
      "name": "v_original_script_name",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_date_of_births",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "date",
      "fields": []
    },
    {
      "name": "v_passports",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_ssn",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_identification_numbers",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    }
  ]
}
```

```
    },
    {
      "name": "v_city",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "address",
      "fields": []
    },
    {
      "name": "v_country",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "address",
      "fields": []
    },
    {
      "name": "v_nationality",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "address",
      "fields": []
    },
    {
      "name": "v_residence",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "address",
      "fields": []
    },
    {
      "name": "v_yob",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_min_yob",
      "type": "integer",
      "similarity": "boolean",
      "fields": []
    },
    {
      "name": "v_max_yob",
      "type": "integer",
      "similarity": "boolean",
      "fields": []
    },
    {
      "name": "v_address",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "address",
      "fields": []
    },
  ],
```



```
{
  "name": "v_aliases",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_gender",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "gender",
  "fields": []
},
{
  "name": "v_place_of_birth",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "address",
  "fields": []
},
{
  "name": "v_title",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "gender",
  "fields": []
}
],
"customAnalyzer": [],
"customFilter": [],
"customCharFilter": [],
"customTokenizer": [],
"others": [
  "n_wl_skey",
  "n_run_skey",
  "v_wl_sub_type",
  "v_wl_type",
  "v_entity_type",
  "n_uid",
  "v_occupation",
  "v_address_note",
  "v_address_state_province",
  "v_address_zipcode",
  "v_alias_city_of_birth",
  "v_alias_country_of_birth",
  "v_alias_dob",
  "v_alias_note",
  "v_alias_quality",
  "v_city_of_issue",
  "v_comments",
  "v_country_of_issue",
  "v_date_of_issue",
  "v_designation",
  "v_dob_note",
  "v_document_note",
```

```

        "v_from_year",
        "v_issuing_country",
        "v_last_day_updated",
        "v_listed_on",
        "v_list_type_value",
        "v_place_of_birth_note",
        "v_reference_number",
        "v_sort_key",
        "v_sort_key_last_mod",
        "v_street",
        "v_submitted_on",
        "v_to_year",
        "v_type_of_date",
        "v_type_of_document",
        "v_type_of_document2",
        "v_un_list_type",
        "v_versionnum",
        "v_year"
    ],
    "replaceCharFields": [
        {
            "name": "v_full_name",
            "charArray": ["-.", ""],
            "replaceWith": [" ", ""]
        },
        {
            "name": "v_family_name",
            "charArray": ["-.", ""],
            "replaceWith": [" ", ""]
        },
        {
            "name": "v_given_name",
            "charArray": ["-.", ""],
            "replaceWith": [" ", ""]
        },
        {
            "name": "v_entity_name",
            "charArray": ["-.", "", "&", "()" ],
            "replaceWith": [" ", "", "and", " "]
        },
        {
            "name": "v_entity_name_bus_strip",
            "charArray": ["-.", "", "&", "()" ],
            "replaceWith": ["", "", "and", " "]
        },
        {
            "name": "v_original_script_name",
            "charArray": ["-.", ""],
            "replaceWith": [" ", ""]
        },
        {
            "name": "v_country",
            "charArray": ["-.", ""],
            "replaceWith": [" ", ""]
        }
    ]
}

```

```

        "name": "v_address",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_aliases_given_name",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_aliases_family_name",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_aliases",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    }
],
"replaceEmptyFields": [],
"translateFields": [
    "v_family_name",
    "v_given_name",
    "v_full_name",
    "v_aliases_family_name",
    "v_aliases_given_name",
    "v_aliases"
]
}

```

**Sample 5:**

```

{
    "schemaName": "",
    "tableName": "FCC_WL_WC_PREMIUM_V",
    "filterCondition": "1=1",
    "indexName": "fcc_idx_wc_premium",
    "indexAlias": "idx_wc_premium",
    "indexLogicalName": "Watchlist",
    "indexBusinessName": "World Check Premium",
    "indexKeyAttribute": "n_uid",
    "loadType": "FullLoad",
    "shards": 1,
    "replicas": 3,
    "attributes": [
        {
            "name": "v_given_name",
            "type": "text",
            "similarity": "boolean",
            "analyzerType": "name",
            "fields": []
        },
        {
            "name": "v_family_name",

```

```
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "name",
    "fields": []
  },
  {
    "name": "v_full_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "name",
    "fields": []
  },
  {
    "name": "v_aliases_given_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "namestop",
    "fields": []
  },
  {
    "name": "v_aliases_family_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "namestop",
    "fields": []
  },
  {
    "name": "v_entity_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "organization",
    "fields": []
  },
  {
    "name": "v_entity_name_bus_strip",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "organization_strip",
    "fields": []
  },
  {
    "name": "v_original_script_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "name",
    "fields": []
  },
  {
    "name": "v_date_of_births",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "date",
    "fields": []
  },
  {
    "name": "v_passports",
```

```
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_ssn",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_identification_numbers",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_city",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_country",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_nationality",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_residence",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_address",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_alternative_spelling",
```

```
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_gender",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "gender",
        "fields": []
    },
    {
        "name": "v_yob",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_min_yob",
        "type": "integer",
        "similarity": "boolean",
        "fields": []
    },
    {
        "name": "v_max_yob",
        "type": "integer",
        "similarity": "boolean",
        "fields": []
    },
    {
        "name": "v_place_of_birth",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_title",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "gender",
        "fields": []
    },
    {
        "name": "v_low_quality_aliases",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    }
],
"customAnalyzer": [],
"customFilter": [],
"customCharFilter": [],
```

```
"customTokenizer": [],
"others": [
  "v_aliases",
  "v_wl_sub_type",
  "v_wl_type",
  "v_entity_type",
  "n_uid",
  "n_wl_skey",
  "v_occupation",
  "n_run_skey"
],
"replaceCharFields": [
  {
    "name": "v_full_name",
    "charArray": ["-.", "'"],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_family_name",
    "charArray": ["-.", "'"],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_given_name",
    "charArray": ["-.", "'"],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_entity_name",
    "charArray": ["-.", "'", "&", "()],
    "replaceWith": [" ", "", "and", " "]
  },
  {
    "name": "v_entity_name_bus_strip",
    "charArray": ["-.", "'", "&", "()],
    "replaceWith": [" ", "", "and", " "]
  },
  {
    "name": "v_original_script_name",
    "charArray": ["-.", "'"],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_country",
    "charArray": ["-.", "'"],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_address",
    "charArray": ["-.", "'"],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_aliases_given_name",
    "charArray": ["-.", "'"],
    "replaceWith": [" ", ""]
  }
]
```

```

    },
    {
      "name": "v_aliases_family_name",
      "charArray": ["-.", ""],
      "replaceWith": [" ", ""]
    },
    {
      "name": "v_aliases",
      "charArray": ["-.", ""],
      "replaceWith": [" ", ""]
    }
  ],
  "replaceEmptyFields": [],
  "translateFields": [
    "v_family_name",
    "v_given_name",
    "v_full_name",
    "v_aliases_family_name",
    "v_aliases_given_name",
    "v_aliases"
  ]
}

```

**Sample 6:**

```

{
  "schemaName": "",
  "tableName": "FCC_WL_WC_STANDARD_V",
  "filterCondition": "1=1",
  "indexName": "fcc_idx_wc_standard",
  "indexAlias": "idx_wc_standard",
  "indexLogicalName": "Watchlist",
  "indexBusinessName": "World Check Standard",
  "indexKeyAttribute": "n_uid",
  "loadType": "FullLoad",
  "shards": 1,
  "replicas": 3,
  "attributes": [
    {
      "name": "v_given_name",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_family_name",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_full_name",
      "type": "text",

```



```
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_aliases_given_name",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "namestop",
        "fields": []
    },
    {
        "name": "v_aliases_family_name",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "namestop",
        "fields": []
    },
    {
        "name": "v_entity_name",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "organization",
        "fields": []
    },
    {
        "name": "v_entity_name_bus_strip",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "organization_strip",
        "fields": []
    },
    {
        "name": "v_original_script_name",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_date_of_births",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "date",
        "fields": []
    },
    {
        "name": "v_passports",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_ssn",
        "type": "text",
```

```
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_identification_numbers",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_city",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_country",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_nationality",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_residence",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_address",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_alternative_spelling",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_gender",
        "type": "text",
```

```
        "similarity": "boolean",
        "analyzerType": "gender",
        "fields": []
    },
    {
        "name": "v_yob",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_min_yob",
        "type": "integer",
        "similarity": "boolean",
        "fields": []
    },
    {
        "name": "v_max_yob",
        "type": "integer",
        "similarity": "boolean",
        "fields": []
    },
    {
        "name": "v_place_of_birth",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_title",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "gender",
        "fields": []
    }
],
"customAnalyzer": [],
"customFilter": [],
"customTokenizer": [],
"customCharFilter": [],
"others": [
    "v_aliases",
    "v_wl_sub_type",
    "v_wl_type",
    "v_entity_type",
    "n_uid",
    "n_wl_skey",
    "v_occupation",
    "n_run_skey"
],
"replaceCharFields": [
    {
        "name": "v_full_name",
        "charArray": ["-", "'", " "],
```

```
        "replaceWith": [ " ", "" ]
    },
    {
        "name": "v_family_name",
        "charArray": [ "-.", "" ],
        "replaceWith": [ " ", "" ]
    },
    {
        "name": "v_given_name",
        "charArray": [ "-.", "" ],
        "replaceWith": [ " ", "" ]
    },
    {
        "name": "v_entity_name",
        "charArray": [ "-.", "", "&", "()" ],
        "replaceWith": [ " ", "", "and", " " ]
    },
    {
        "name": "v_entity_name_bus_strip",
        "charArray": [ "-.", "", "&", "()" ],
        "replaceWith": [ " ", "", "and", " " ]
    },
    {
        "name": "v_original_script_name",
        "charArray": [ "-.", "" ],
        "replaceWith": [ " ", "" ]
    },
    {
        "name": "v_country",
        "charArray": [ "-.", "" ],
        "replaceWith": [ " ", "" ]
    },
    {
        "name": "v_address",
        "charArray": [ "-.", "" ],
        "replaceWith": [ " ", "" ]
    },
    {
        "name": "v_aliases_given_name",
        "charArray": [ "-.", "" ],
        "replaceWith": [ " ", "" ]
    },
    {
        "name": "v_aliases_family_name",
        "charArray": [ "-.", "" ],
        "replaceWith": [ " ", "" ]
    },
    {
        "name": "v_aliases",
        "charArray": [ "-.", "" ],
        "replaceWith": [ " ", "" ]
    }
],
"replaceEmptyFields": [],
"translateFields": [
    "v_family_name",
```

```

        "v_given_name",
        "v_full_name",
        "v_aliases_family_name",
        "v_aliases_given_name",
        "v_aliases"
    ]
}

```

## 1.6 Prohibited Country Watchlist

Instructions for adding Country Watchlist records.

There are two ways to add Country Watchlist records.

1. Add a record using the **Prohibited Country Watchlist** window. . To add Country Watchlist records follow the subsequent steps:
  - a. From the Navigation List, click **Watchlist Management**.
  - b. From the Navigation List, click **Prohibited Country Watchlist**. The Country Watchlist Screen displays.
  - c. Click **Add** .
  - d. Enter values for the following fields in the **Add Country Watchlist** window
  - e. Click **Save** to save the record.

When you add a new record, it appears on the Country Watchlist grid.

2. To add or edit Country Watchlist records in bulk, export the Country Watchlist, add values in the applicable columns, or add a new row and provide values in the applicable columns, and upload the file. You cannot change the structure of the file.

To add watch list data using the template, follow these steps:

- a. Click **Import**  to download the template.
- b. Enter the values in the required columns and save the file.
- c. Click **Export** . The file is uploaded and the records are displayed on the Country Watchlist grid.

Follow the same steps to edit watch list data using the template.

**Table 1-4 Search fields for Country Watchlist**

| Record Name                | Description                                                                           |
|----------------------------|---------------------------------------------------------------------------------------|
| Country Name               | Enter the name of 'Prohibited country' (e.g.: Afghanistan)                            |
| ISO Country Code           | Enter the ISO Country Code (e.g.: AF)                                                 |
| ISO3 Country Code          | Enter the ISO3 Country Code (e.g.: AFG)                                               |
| Country Synonyms           | Enter the country synonyms or alternate names (e.g.: Islamic Republic of Afghanistan) |
| Data Source                | Enter the data source from which prohibited country is identified                     |
| Risk Score                 | Enter the risk score associated with prohibited country                               |
| Citizenship Country 1 Code | Enter the citizenship country 1 code                                                  |

**Table 1-4 (Cont.) Search fields for Country Watchlist**

| Record Name                | Description                          |
|----------------------------|--------------------------------------|
| Citizenship Country 2 Code | Enter the citizenship country 2 code |
| Residential Country Code   | Enter the residential country code   |
| Country of Birth           | Enter the country of birth           |

## 1.6.1 Edit the Record

To edit a Identifier Watchlist record, follow these steps:

1. Select the check box in line with the record you want to edit.
2. Click **Edit** to open the **Add Country Watchlist** window.
3. Edit the required fields.

## 1.7 Prohibited City Watchlist

Instructions for adding City Watchlist records.

There are two ways to add City Watchlist records.

1. Add a record using the **City Watchlist** window. When you add a new record, it appears on the **City Watchlist** grid. To add City Watchlist records follow the subsequent steps:
  - a. From the Navigation List, click **Watchlist Management**.
  - b. From the Navigation List, click **City Identifier Watchlist**. The Country Watchlist Screen displays.
  - c. Click **Add** .
  - d. Enter values for the following fields in the **Add City Watch List** window
  - e. Click **Save** to save the record.
2. To add or edit City Watchlist records in bulk, export the City Watchlist, add values in the applicable columns, or add a new row and provide values in the applicable columns, and upload the file. You cannot change the structure of the file.

To add watch list data using the template, follow these steps:

- a. Click **Import**  to download the template.
- b. Enter the values in the required columns and save the file.
- c. Click **Export** . The file is uploaded and the records are displayed on the City Watchlist grid.

Follow the same steps to edit watch list data using the template.

**Table 1-5 Search fields for City Watchlist**

| Record Name  | Description            |
|--------------|------------------------|
| Country Name | Enter the country name |
| City Name    | Enter the city name    |

Table 1-5 (Cont.) Search fields for City Watchlist

| Record Name   | Description             |
|---------------|-------------------------|
| ISO City Name | Enter the ISO city Code |
| City Synonyms | Enter the city synonyms |
| Data Source   | Enter the data source   |
| Risk Score    | Enter the risk score    |

## 1.7.1 Edit the Record

To edit a Identifier Watchlist record, follow these steps:

1. Select the check box in line with the record you want to edit.
2. Click **Edit** to open the **Add City Watchlist** window.
3. Edit the required fields.

## 1.8 Prohibited Goods Watchlist

Instructions for adding Goods Watchlist records.

There are two ways to add Goods Watchlist records.

1. Add a record using the **Goods Watchlist** window. When you add a new record, it appears on the **Goods Watchlist** grid. To add Goods Watchlist records follow the subsequent steps:
  - a. From the Navigation List, click **Watchlist Management**.
  - b. From the Navigation List, click **Goods Identifier Watchlist**. The Goods Watchlist Screen displays.
  - c. Click **Add** .
  - d. Enter values for the following fields in the **Add Goods Watch List** window
  - e. Click **Save** to save the record.
2. To add or edit Goods Watchlist records in bulk, export the Goods Watchlist, add values in the applicable columns, or add a new row and provide values in the applicable columns, and upload the file. You cannot change the structure of the file.

To add watch list data using the template, follow these steps:

- a. Click **Import**  to download the template.
- b. Enter the values in the required columns and save the file.
- c. Click **Export** . The file is uploaded and the records are displayed on the Goods Watchlist grid.

Follow the same steps to edit watch list data using the template.

**Table 1-6 Search fields for Goods Watchlist**

| Record Name       | Description                        |
|-------------------|------------------------------------|
| Good Code         | Enter the goods code.              |
| Good Name         | Enter the goods name.              |
| Good Description  | Enter the goods name.              |
| Good Synonyms     | Enter the goods synonyms.          |
| Import CountryISO | Enter ISO code for import country. |
| Export CountryISO | Enter ISO code for export country. |
| Data Source       | Enter the data source.             |
| Risk Score        | Enter the data source.             |
| FicMisDate        | Enter the risk score.              |

## 1.8.1 Edit the Record

To edit a Identifier Watchlist record, follow these steps:

1. Select the check box in line with the record you want to edit.
2. Click **Edit** to open the **Add Goods Watchlist** window.
3. Edit the required fields.

## 1.9 Prohibited Port Watchlist

Instructions for adding Port Watchlist records.

There are two ways to add Port Watchlist records.

1. Add a record using the **Port Watchlist** window. When you add a new record, it appears on the **Port Watchlist** grid. To add Port Watchlist records follow the subsequent steps:
  - a. From the Navigation List, click **Watchlist Management**.
  - b. From the Navigation List, click **Port Identifier Watchlist**. The Port Watchlist Screen displays.
  - c. Click **Add** .
  - d. Enter values for the following fields in the **Add Port Watch List** window
  - e. Click **Save** to save the record.
2. To add or edit Port Watchlist records in bulk, export the Port Watchlist, add values in the applicable columns, or add a new row and provide values in the applicable columns, and upload the file. You cannot change the structure of the file.

To add watch list data using the template, follow these steps:

- a. Click **Import**  to download the template.
- b. Enter the values in the required columns and save the file.
- c. Click **Export** . The file is uploaded and the records are displayed on the Port Watchlist grid.

Follow the same steps to edit watch list data using the template.



**Table 1-7 Search fields for Port Watchlist**

| Record Name   | Description              |
|---------------|--------------------------|
| Country Name  | Enter the Country code.  |
| Port Name     | Enter the port name.     |
| Port Code     | Enter the port code.     |
| Port Synonyms | Enter the port synonyms. |
| Data Origin   | Enter the data origin.   |
| Risk Score    | Enter the risk score.    |

## 1.9.1 Edit the Record

To edit a Identifier Watchlist record, follow these steps:

1. Select the check box in line with the record you want to edit.
2. Click **Edit** to open the **Add Port Watchlist** window.
3. Edit the required fields.

## 1.10 Stop Keywords Watchlist

Instructions for adding Stop Keywords Watchlist records.

There are two ways to add Stop Keywords records.

1. Add a record using the **Stop Keywords Watchlist** window. When you add a new record, it appears on the **Stop Keywords Watchlist** grid. To add Identifier Watchlist records follow the subsequent steps:
  - a. From the Navigation List, click **Watchlist Management**.
  - b. From the Navigation List, click **Stop Keywords Watchlist**. The Stop Keywords Watchlist Screen displays.
  - c. Click **Add** .
  - d. Enter values for the following fields in the **Add Identifier Watch List** window
  - e. Click **Save** to save the record.
2. To add or edit Stop Keywords Watchlist records in bulk, export the Stop Keywords Watchlist, add values in the applicable columns, or add a new row and provide values in the applicable columns, and upload the file. You cannot change the structure of the file.

To add watch list data using the template, follow these steps:

- a. Click **Export**  to download the template.
- b. Enter the values in the required columns and save the file.
- c. Click **Import** . The file is uploaded and the records are displayed on the Stop Keywords Watchlist grid.

Follow the same steps to edit watch list data using the template.

**Table 1-8 Search fields for Stop Keywords Watchlist**

| Record Name   | Description                            |
|---------------|----------------------------------------|
| Stop Keywords | Enter the stop keyword.                |
| Type          | Enter the type/category of the keyword |

## 1.10.1 Edit the Record

To edit a Identifier Watchlist record, follow these steps:

1. Select the check box in line with the record you want to edit.
2. Click **Edit** to open the **Add Stop Keywords Watchlist** window.
3. Edit the required fields.

# A

## Synonyms

List of synonyms used in Synonyms Management.

Synonyms are words that are similar to the data being screened and support matching by increasing match scores where data is equivalent. Following synonyms are listed in this section:

- [Table A-1](#)
- [Table A-2](#)
- [Table A-3](#)

**Table A-1 Countries and Country Codes**

| Country                | Country Code |
|------------------------|--------------|
| ANDORRA                | AD, AND      |
| UNITED ARAB EMIRATES   | AE, ARE      |
| AFGHANISTAN            | AF, AFG      |
| ANTIGUA and BARBUDA    | AG, ATG      |
| ANGUILLA               | AI, AIA      |
| ALBANIA                | AL, ALB      |
| ARMENIAN REPUBLIC      | AM, ARM      |
| ANGOLA                 | AO, AGO      |
| ANTARCTICA             | AQ, ATA      |
| ARGENTINA              | AR, ARG      |
| AMERICAN SAMOA         | AS, ASM      |
| AUSTRIA                | AT, AUT      |
| AUSTRALIA              | AU, AUS      |
| ARUBA                  | AW, ABW      |
| ALAND ISLANDS          | AX, ALA      |
| AZERBAIDZHAN           | AZ, AZE      |
| BOSNIA AND HERZEGOVINA | BA, BIH      |
| BARBADOS               | BB, BRB      |
| BANGLADESH             | BD, BGD      |
| BELGIUM                | BE, BEL      |
| BURKINA FASO           | BF, BFA      |
| BULGARIA               | BG, BGR      |
| BAHRAIN                | BH, BHR      |
| BURUNDI                | BI, BDI      |
| BENIN                  | BJ, BEN      |
| SAINT BARTHELEMY       | BL, BLM      |
| BERMUDA                | BM, BMU      |
| BRUNEI                 | BN, BRN      |
| BOLIVIA                | BO, BOL      |

**Table A-1 (Cont.) Countries and Country Codes**

| <b>Country</b>                      | <b>Country Code</b> |
|-------------------------------------|---------------------|
| BONAIRE                             | BQ, BES             |
| BRAZIL                              | BR, BRA             |
| BAHAMAS                             | BS, BHS             |
| BHUTAN                              | BT, BTN             |
| BOUVET ISLAND                       | BV, BVT             |
| BOTSWANA                            | BW, BWA             |
| BELARUS                             | BY, BLR             |
| BELIZE                              | BZ, BLZ             |
| CANADA                              | CA, CAN             |
| COCOS (KEELING) ISLANDS             | CC, CCK             |
| CONGO REPUBLIC                      | CD, COD             |
| CENTRAL AFRICAN REPUBLIC            | CF, CAF             |
| CONGO                               | CG, COG             |
| SWITZERLAND                         | CH, CHE             |
| COTE D IVOIRE                       | CI, CIV             |
| COOK ISLANDS                        | CK, COK             |
| CHILE                               | CL, CHL             |
| CAMEROON                            | CM, CMR             |
| CHINA                               | CN, CHN             |
| COLOMBIA                            | CO, COL             |
| COSTA RICA                          | CR, CRI             |
| CUBA                                | CU, CUB             |
| CABO VERDE                          | CV, CPV             |
| CURACAO                             | CW, CUW             |
| CHRISTMAS ISLAND                    | CX, CXR             |
| TURKISH REPUBLIC OF NORTHERN CYPRUS | CY, CYP             |
| CZECH REPUBLIC                      | CZ, CZE             |
| GERMANY                             | DE, DEU             |
| DJIBOUTI                            | DJ, DJI             |
| DENMARK                             | DK, DNK             |
| DOMINICA                            | DM, DMA             |
| DOMINICAN REPUBLIC                  | DO, DOM             |
| ALGERIA                             | DZ, DZA             |
| ECUADOR                             | EC, ECU             |
| ESTONIA                             | EE, EST             |
| EGYPT                               | EG, EGY             |
| WESTERN SAHARA                      | EH, ESH             |
| ERITREA                             | ER, ERI             |
| SPAIN                               | ES, ESP             |
| ETHIOPIA                            | ET, ETH             |
| FINLAND                             | FI, FIN             |
| FIJI                                | FJ, FJI             |
| FALKLAND ISLANDS (MALVINAS)         | FK, FLK             |

**Table A-1 (Cont.) Countries and Country Codes**

| <b>Country</b>                           | <b>Country Code</b> |
|------------------------------------------|---------------------|
| MICRONESIA                               | FM, FSM             |
| FAEROE ISLANDS                           | FO, FRO             |
| FRANCE                                   | FR, FRA             |
| GABON                                    | GA, GAB             |
| ENGLAND                                  | GB, GBR             |
| GRENADA                                  | GD, GRD             |
| GEORGIA                                  | GE, GEO             |
| FRENCH GUIANA                            | GF, GUF             |
| GUERNSEY                                 | GG, GGY             |
| GHANA                                    | GH, GHA             |
| GIBRALTAR                                | GI, GIB             |
| GREENLAND                                | GL, GRL             |
| GAMBIA                                   | GM, GMB             |
| GUINEA                                   | GN, GIN             |
| GUADELOUPE                               | GP, GLP             |
| EQUATORIAL GUINEA                        | GQ, GNQ             |
| GREECE                                   | GR, GRC             |
| SOUTH GEORGIA AND SOUTH SANDWICH ISLANDS | GS, SGS             |
| GUATEMALA                                | GT, GTM             |
| GUAM                                     | GU, GUM             |
| GUINEA-BISSAU                            | GW, GNB             |
| GUYANA                                   | GY, GUY             |
| HONG KONG                                | HK, HKG             |
| HEARD AND MCDONALD ISLANDS               | HM, HMD             |
| HONDURAS                                 | HN, HND             |
| CROATIA                                  | HR, HRV             |
| HAITI                                    | HT, HTI             |
| HUNGARY                                  | HU, HUN             |
| INDONESIA                                | ID, IDN             |
| IRELAND                                  | IE, IRL             |
| ISRAEL                                   | IL, ISR             |
| ISLE OF MAN                              | IM, IMN             |
| INDIA                                    | IN, IND             |
| BRITISH INDIAN OCEAN TERRITORY           | IO, IOT             |
| IRAQ                                     | IQ, IRQ             |
| IRAN                                     | IR, IRN             |
| ICELAND                                  | IS, ISL             |
| ITALY                                    | IT, ITA             |
| JERSEY                                   | JE, JEY             |
| JAMAICA                                  | JM, JAM             |
| JORDAN                                   | JO, JOR             |
| JAPAN                                    | JP, JPN             |

**Table A-1 (Cont.) Countries and Country Codes**

| <b>Country</b>           | <b>Country Code</b> |
|--------------------------|---------------------|
| KENYA                    | KE, KEN             |
| KYRGYZSTAN               | KG, KGZ             |
| CAMBODIA                 | KH, KHM             |
| KIRIBATI                 | KI, KIR             |
| UNION OF THE COMOROS     | KM, COM             |
| SAINT KITTS and NEVIS    | KN, KNA             |
| NORTH KOREA              | KP, PRK             |
| SOUTH KOREA              | KR, KOR             |
| KUWAIT                   | KW, KWT             |
| CAYMAN ISLANDS           | KY, CYM             |
| KAZAKHSTAN               | KZ, KAZ             |
| LAOS                     | LA, LAO             |
| LEBANON                  | LB, LBN             |
| SAINT LUCIA              | LC, LCA             |
| LIECHTENSTEIN            | LI, LIE             |
| SRI LANKA                | LK, LKA             |
| LIBERIA                  | LR, LBR             |
| LESOTHO                  | LS, LSO             |
| LITHUANIA                | LT, LTU             |
| LUXEMBOURG               | LU, LUX             |
| LATVIA                   | LV, LVA             |
| LIBYA                    | LY, LBY             |
| MOROCCO                  | MA, MAR             |
| MONACO                   | MC, MCO             |
| MOLDOVA                  | MD, MDA             |
| MONTENEGRO               | ME, MNE             |
| ST. MARTIN               | MF, MAF             |
| MADAGASCAR               | MG, MDG             |
| MARSHALL ISLANDS         | MH, MHL             |
| MACEDONIA                | MK, MKD             |
| MALI                     | ML, MLI             |
| MYANMAR                  | MM, MMR             |
| MONGOLIA                 | MN, MNG             |
| MACAU                    | MO, MAC             |
| NORTHERN MARIANA ISLANDS | MP, MNP             |
| MARTINIQUE               | MQ, MTQ             |
| MAURITANIA               | MR, MRT             |
| MONTSERRAT               | MS, MSR             |
| MALTA                    | MT, MLT             |
| MAURITIUS                | MU, MUS             |
| MALDIVES                 | MV, MDV             |
| MALAWI                   | MW, MWI             |
| MEXICO                   | MX, MEX             |

**Table A-1 (Cont.) Countries and Country Codes**

| <b>Country</b>            | <b>Country Code</b> |
|---------------------------|---------------------|
| MALAYSIA                  | MY, MYS             |
| MOZAMBIQUE                | MZ, MOZ             |
| NAMIBIA                   | NA, NAM             |
| NEW CALEDONIA             | NC, NCL             |
| NIGER                     | NE, NER             |
| NORFOLK ISLAND            | NF, NFK             |
| NIGERIA                   | NG, NGA             |
| NICARAGUA                 | NI, NIC             |
| NETHERLANDS               | NL, NLD             |
| NORWAY                    | NO, NOR             |
| NEPAL                     | NP, NPL             |
| NAURU                     | NR, NRU             |
| NIUE                      | NU, NIU             |
| NEW ZEALAND               | NZ, NZL             |
| OMAN                      | OM, OMN             |
| PANAMA                    | PA, PAN             |
| PERU                      | PE, PER             |
| FRENCH POLYNESIA          | PF, PYF             |
| PAPUA NEW GUINEA          | PG, PNG             |
| PHILIPPINES               | PH, PHL             |
| PAKISTAN                  | PK, PAK             |
| POLAND                    | PL, POL             |
| SAINT PIERRE AND MIQUELON | PM, SPM             |
| PITCAIRN                  | PN, PCN             |
| PUERTO RICO               | PR, PRI             |
| PALESTINE                 | PS, PSE             |
| PORTUGAL                  | PT, PRT             |
| PALAU                     | PW, PLW             |
| PARAGUAY                  | PY, PRY             |
| QATAR                     | QA, QAT             |
| REUNION                   | RE, REU             |
| ROMANIA                   | RO, ROU             |
| SERBIA                    | RS, SRB             |
| RUSSIAN FEDERATION        | RU, RUS             |
| RWANDA                    | RW, RWA             |
| SAUDI ARABIA              | SA, SAU             |
| SOLOMON ISLANDS           | SB, SLB             |
| SEYCHELLES                | SC, SYC             |
| SUDAN                     | SD, SDN             |
| SWEDEN                    | SE, SWE             |
| SINGAPORE                 | SG, SGP             |
| SAINT HELENA              | SH, SHN             |
| SLOVENIA                  | SI, SVN             |

**Table A-1 (Cont.) Countries and Country Codes**

| <b>Country</b>                       | <b>Country Code</b> |
|--------------------------------------|---------------------|
| SVALBARD AND JAN MAYEN               | SJ, SJM             |
| SLOVAKIA                             | SK, SVK             |
| SIERRA LEONE                         | SL, SLE             |
| SAN MARINO                           | SM, SMR             |
| SENEGAL                              | SN, SEN             |
| SOMALIA                              | SO, SOM             |
| SURINAME                             | SR, SUR             |
| SOUTH SUDAN                          | SS, SSD             |
| SAO TOME AND PRINCIPE                | ST, STP             |
| EL SALVADOR                          | SV, SLV             |
| SINT MAARTEN (DUTCH PART)            | SX, SXM             |
| SYRIA                                | SY, SYR             |
| SWAZILAND                            | SZ, SWZ             |
| TURKS AND CAICOS ISLANDS             | TC, TCA             |
| CHAD                                 | TD, TCD             |
| FRENCH SOUTHERN TERRITORIES          | TF, ATF             |
| TOGO                                 | TG, TGO             |
| THAILAND                             | TH, THA             |
| TAJIKISTAN                           | TJ, TJK             |
| TOKELAU                              | TK, TKL             |
| TIMOR-LESTE                          | TL, TLS             |
| TURKMENISTAN                         | TM, TKM             |
| TUNISIA                              | TN, TUN             |
| TONGA                                | TO, TON             |
| TURKEY                               | TR, TUR             |
| TRINIDAD AND TOBAGO                  | TT, TTO             |
| TUVALU                               | TV, TUV             |
| TAIWAN                               | TW, TWN             |
| TANZANIA                             | TZ, TZA             |
| UKRAINE                              | UA, UKR             |
| UGANDA                               | UG, UGA             |
| UNITED STATES MINOR OUTLYING ISLANDS | UM, UMI             |
| UNITED STATES                        | US, USA             |
| URUGUAY                              | UY, URY             |
| UZBEKISTAN                           | UZ, UZB             |
| HOLY SEE                             | VA, VAT             |
| SAINT VINCENT AND THE GRENADINES     | VC, VCT             |
| VENEZUELA                            | VE, VEN             |
| VIRGIN ISLANDS                       | VG, VGB             |
| VIRGIN ISLANDS                       | VI, VIR             |
| SOUTH VIETNAM                        | VN, VNM             |
| VANUATU                              | VU, VUT             |
| WALLIS AND FUTUNA ISLANDS            | WF, WLF             |



**Table A-1 (Cont.) Countries and Country Codes**

| Country      | Country Code |
|--------------|--------------|
| SAMOA        | WS, WSM      |
| YEMEN        | YE, YEM      |
| MAYOTTE      | YT, MYT      |
| SOUTH AFRICA | ZA, ZAF      |
| ZAMBIA       | ZM, ZMB      |
| ZIMBABWE     | ZW, ZWE      |

**Table A-2 Cardinal Order**

| Ordinal number | Synonym                      |
|----------------|------------------------------|
| 1              | one, 1st, first              |
| 2              | two, 2nd, second             |
| 3              | three, 3rd, third            |
| 4              | four, 4th, fourth            |
| 5              | five, 5th, fifth             |
| 6              | six, 6th, sixth              |
| 7              | seven, 7th, seventh          |
| 8              | eight, 8th, eighth           |
| 9              | nine, 9th, ninth             |
| 10             | ten, 10th, tenth             |
| 11             | eleven, 11th, eleventh       |
| 12             | twelve, 12th, twelfth        |
| 13             | thirteen, 13th, thirteenth   |
| 14             | fourteen, 14th, fourteenth   |
| 15             | fifteen, 15th, fifteenth     |
| 16             | sixteen, 16th, sixteenth     |
| 17             | seventeen, 17th, seventeenth |
| 18             | eighteen, 18th, eighteenth   |
| 19             | nineteen, 19th, nineteenth   |
| 20             | twenty, 20th, twentieth      |

**Table A-3 Name synonyms**

| Synonym                                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Aaliyah, Aliya, Aliyah                                                                                                                                                                                                                                                             |
| Aaron, Aron, Arron                                                                                                                                                                                                                                                                 |
| Abigail, Abigail, Abigale                                                                                                                                                                                                                                                          |
| Abbass, Abass, Abbas, Abbes                                                                                                                                                                                                                                                        |
| Abdul Al Din, Abd Al Din, Abdul Din                                                                                                                                                                                                                                                |
| Abduallah, Abd Al Illah, Abd Allah, Abd el Allah, Abd-al-ilah, Abd-alla, Abd-allah, Abdalah, Abdalla, Abdallah, Abdel Allah, Abdi'elah, Abdielah, Abdolah, Abdollah, Abdoulaah, Abdoulah, Abdu Allah, Abdul Allah, Abdul Lah, Abdul-Lah, Abdulallah, Abdulla, Abdullah, Abudlallah |

**Table A-3 (Cont.) Name synonyms**

| Synonym                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Abdul, Abd Al, Abd Al Al, Abd Ar, Abd El, Abd-al, Abd-el, Abdal, Abdel, Abdel Al, Abdil, Abdle, Abdol, Abdoul, Abdul Abdul, Abdul Al, Abdul Al Al                                                                                                 |
| Abdulmenem, Abd-Elmenaim, Abdul Monem, Abdulmunim                                                                                                                                                                                                 |
| Abdalassis, Abdelaziz, Abd Elaziz, Abdi'aziz, Abdoulaziz, Abduaziz, Abdulaziz, Abdul Aziz, Abulaziz                                                                                                                                               |
| Abdulkareem, Abdalkareem, Abdalkarim, Abd Alkarim, Abdalkrim, Abdelkarim, Abdolkareem, Abdulkariem, Abdulkarim, Abdul Karim                                                                                                                       |
| Abdekader, Abdelgader, Abdelgadir, Abdelkader, Abdelkadir, Abdelqader, Abdelqadir, Abdulgader, Abdulgadir, Abdulkader, Abdulkadir, Abdulkader, Abdulkadir, Abdul Qadir                                                                            |
| AbdelBagi, Abdelbaki, Abdelbaqui, Abdulbaki, Abdul Baki, Abdulbaqi                                                                                                                                                                                |
| Abdellatif, Abdulatif, Abdullatif, Abdul Latif                                                                                                                                                                                                    |
| Abdelmadjid, Abdelmagid, Abdelmajid, Abdolmajid, Abdulmajeed, Abdulmajid, Abdul Majid                                                                                                                                                             |
| Abdelmalek, Abdelmalik, Abdulmalek, Abdulmalik, Abdul Malik                                                                                                                                                                                       |
| Abdelmohsin, Abdulmohsin, Abdul Mohsin                                                                                                                                                                                                            |
| Abdelouahab, Abdelwahab, Abdelwaheb, Abdulwahab, Abdul Wahab                                                                                                                                                                                      |
| Abdulrazzaq, Abdelrazzak, Abdelrezak, Abderrazak, Abdlerazag, Abdulrazaq, Abdul Razaq, Abdurazaq, Abdurrazak                                                                                                                                      |
| Abdulrahim, Abdelrehim, Abderahim, Abderrahim, Abdourahim, Abdourrahim, Abdul Rahim, Elrahem                                                                                                                                                      |
| Abdelsalam, Abdesalam, Abdeslam, Abdessalam, Abdulsalam, Abdul Salam, Abdusalam, Abdussalam                                                                                                                                                       |
| Abdenacer, Abdenaceur, Abdenasser, Abdulnassar, Abdul Nasser                                                                                                                                                                                      |
| Abderamane, Abderrahman, Abderrahmane, Abderrahmen, Abdirahman, Abdorahmen, Abdourahman, Abdourahmen, Abdulrahman, Abdul Rahman, Abdulramane, Abdurrahmen                                                                                         |
| Abdolreza, Abdoulreza, Abdulreza, Abdul Reza                                                                                                                                                                                                      |
| Abdulrashid, Abdul Rashid                                                                                                                                                                                                                         |
| Abeedi, Aboudi, Obaidi, Obaidy, Obaydee, Obeidi, Oubaidi, Ubaidi, Ubaydi                                                                                                                                                                          |
| Abo, Abou, Abu, Abu Abu                                                                                                                                                                                                                           |
| Aboubacar, Aboubaker, Aboubakr, Abubakar, Abubaker, Abu Bakr, Boubaker                                                                                                                                                                            |
| Ada, Aida                                                                                                                                                                                                                                         |
| Addin, Al Deen, Al-dein, Aldin, Al Din, Al-Din, Eddin, Ed Din, Eddine, Edin, Edine, El Al Din, Eldeen, El Deen, El-deen, El Dein, El-dein, Eldin, El Din, El-Din, El El Din, Oddin, Oddine, Uddeen, Ud-deen, Uddin, Ud-din, Uddine, U-deen, U-din |
| Adel, Adil                                                                                                                                                                                                                                        |
| Adrain, Adrian                                                                                                                                                                                                                                    |
| Adriane, Adrianne                                                                                                                                                                                                                                 |
| Ahmad, Ahmadi, Ahmadu, Ahmat, Ahmed                                                                                                                                                                                                               |
| Ayatollah, Aia allah, Ait Allah, Aitallh, Aya Allah                                                                                                                                                                                               |
| Aidan, Aiden                                                                                                                                                                                                                                      |
| Aimee, Amy                                                                                                                                                                                                                                        |
| Aisha, Isha                                                                                                                                                                                                                                       |
| Ayssa, Aissa, Eessa, Eisa, Eissa, Esa, Essa, Eysa, Isa, Issa, Isse                                                                                                                                                                                |
| Al Fadel, Alfadhel, Alfadiil, Elfadiil                                                                                                                                                                                                            |
| Al Fassi, Elfassi                                                                                                                                                                                                                                 |
| Al Mustafa, Elmostapha, Elmostofa                                                                                                                                                                                                                 |
| Al Naimi, Alnouami, Alnu'ami, Alnuami                                                                                                                                                                                                             |
| Al Said, Alsaeed, Alsaid, Alsayed, Alsayyed, Asaaeid, Assaid, Elsaeed, Elsayyed                                                                                                                                                                   |
| Al Samarai, Alsamaraie, Alsamarra'i, Alsamarraie, Assamarai                                                                                                                                                                                       |

**Table A-3 (Cont.) Name synonyms**

| <b>Synonym</b>                                       |
|------------------------------------------------------|
| Al Tayyeb, Ettayeb                                   |
| Al, Al Al, Al El, El, El El                          |
| Alah, Alla, Allah                                    |
| Alameen, Alamin, Al Amin, Elamin, Lamine, Lemine     |
| Alan, Allan, Allen                                   |
| Alaryani, Aleryani, Aleyriani, Aliryani, Al Iryani   |
| Alasad, Alassad, Al Assad                            |
| Albakee, Al Baki                                     |
| Albalooshi, Albalushi, Al Balushi                    |
| Albert, Bert                                         |
| Albousaidi, Albusaidi, Al Busaidi                    |
| Alchami, Alshamee, Alshami, Al Shami, Echami         |
| Aldoassari, Aldosari, Al Dosari, Aldoseri, Aldousari |
| Aldouri, Al Douri, Alduri                            |
| Aldulaimi, Al Dulaimi, Aldulaymi                     |
| Alicia, Alecia, Alesha, Alisha, Alycia               |
| Aleissa, Alisa, Al Issa                              |
| Alex, Alexander, Sandy, Sasha, Xander                |
| Alexandra, Alexandria, Alexandria                    |
| Alexis, Lexi, Lexie                                  |
| Alfaisal, Al Faisal                                  |
| Alfaki, Alfakih, Alfaqi, Alfaqih, Al Faqih           |
| Alfonso, Alphonso                                    |
| Algamal, Aljamal, Al Jamal                           |
| Alhadi, Al Hadi, Alhady, Elhadi                      |
| Alhamad, Al Hamad, Alhamed                           |
| Alhashemi, Alhashimi, Al Hashimi, Elhachemi, Lachemi |
| Alhassan, Al Hassan, Elhassan                        |
| Alhassani, Al Hassani                                |
| Ali, Ali Ali, Ali Ali Ali, Ally, Aly                 |
| Alireza, Ali Reza                                    |
| Allison, Alison, Allyson, Alyson                     |
| Aljaburi, Aljubouri, Aljuburi, Al Juburi             |
| Alkaabi, Alka'abi, Al Kaabi                          |
| Alkady, Alqadhi, Alqadi, Al Qadi                     |
| Alkawari, Al Kawari, Alkuwari                        |
| Alkhaleel, Alkhalil, Al Khalil                       |
| Alkhalifa, Al Khalifa, Alkhelfa                      |
| Alkhatib, Al Khatib                                  |
| Alkodah, Alqudah, Al Qudah                           |
| Almahdi, Al Mahdi, Elmahdi                           |
| Almajali, Al Majali, Almajaly, Almjali               |
| Almajid, Al Majid, Elmegid                           |

**Table A-3 (Cont.) Name synonyms**

| <b>Synonym</b>                                            |
|-----------------------------------------------------------|
| Almalik, Al Malik                                         |
| Almansouri, Al Mansouri, Almansuri, Elmansouri            |
| Almari, Al Mari, Almarri, Almerri, Almrei                 |
| Almasree, Al Masree                                       |
| Almasri, Al Masri                                         |
| Almazroui, Al Mazroui                                     |
| Almoalla, Almualla, Al Mualla                             |
| Almobarak, Almubarak, Al Mubarak, Almubarek               |
| Almoussawi, Almusawi, Al Musawi                           |
| Alnahyan, Al Nahyan, Alnehayan, Alnuhayyan                |
| Alobaid, Alobeid, Al Obeid                                |
| Alobaidi, Alobeidi, Al Obeidi, Alobidi, Alubaydi, Labidi  |
| Alonso, Alonzo                                            |
| Alqassimi, Al Qassimi                                     |
| Alraibei, Alrubaie, Al Rubaie, Alrubay'i, Alrubayi        |
| Alraoui, Alrawee, Alrawi, Al Rawi                         |
| Alrashed, Alrashid, Al Rashid, Errachid                   |
| Alsabah, Al Sabah                                         |
| Alsaud, Al Saud                                           |
| Alsharif, Al Sharif                                       |
| Alsharqi, Al Sharqi                                       |
| Alshaykh, Alsheikh, Al Sheikh                             |
| Alsowaidi, Alsuwaidi, Al Suwaidi, Alsuweidi               |
| Altaeb, Al Tayyab, Eltayeb                                |
| Altahir, Al Tahir                                         |
| Althani, Al Thani                                         |
| Altikriti, Al Tikriti                                     |
| Alwahab, Al Wahab, Elwahab                                |
| Alzaid, Al Zaid                                           |
| Alzoubi, Alzu'bi, Alzu bi, Al Zubi, Azoubi, Azubi, Azzubi |
| Amanda, Mandy                                             |
| Ameen, Amin, Amine                                        |
| Ameer, Amer, Amir                                         |
| Anna, Ana, Ann, Annabel, Anne, Annelise, Anny             |
| Andrea, Andra                                             |
| Andrew, Andy, Drew                                        |
| Anette, Annette                                           |
| Angelica, Angelika                                        |
| Angus, Gus                                                |
| Anika, Anneka                                             |
| Anthony, Antony, Toney, Tony                              |
| Antoine, Antwan, Antwon                                   |
| Antonia, Toni, Tonia, Tonja, Tonya                        |

**Table A-3 (Cont.) Name synonyms**

| <b>Synonym</b>                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------|
| Araceli, Aracely                                                                                                                               |
| Archibald, Archie                                                                                                                              |
| Ariana, Ariane, Arianna                                                                                                                        |
| Arleen, Arlen, Arlene, Arlin, Arline                                                                                                           |
| Armand, Armando                                                                                                                                |
| Arnold, Arn                                                                                                                                    |
| Arnulf, Arnulfo                                                                                                                                |
| Arthur, Art, Arther,                                                                                                                           |
| Arvila, Arvilla                                                                                                                                |
| Aryani, Eriani, Eryani, Eyriani, Iryani                                                                                                        |
| Asad, Assad                                                                                                                                    |
| Ash, Ashlee, Ashleigh, Ashley, Ashly                                                                                                           |
| Ashaikh, Asheikh, Cheik, Cheikh, Shaikh, Shayk, Shaykh, Sheekh, Sheik, Sheikh, Shikh                                                           |
| Ashlyn, Ashlynn                                                                                                                                |
| Aubree, Aubrey                                                                                                                                 |
| Audrey, Audry                                                                                                                                  |
| Austen, Austin, Austyn                                                                                                                         |
| Authman, Osman, Osmane, Othman, Othmane, Ottoman, Ousmane, Outhman, Outman, Usman, Uthaman, Uthman                                             |
| Awad, Awadh, Awwad                                                                                                                             |
| Ayana, Ayanna                                                                                                                                  |
| Bacar, Bakar, Baker, Bakir, Bakr                                                                                                               |
| Bagi, Bakee, Baki, Baky, Baqi, Baqui                                                                                                           |
| Bailee, Bailey                                                                                                                                 |
| Balooshi, Baloushi, Baluchi, Balushi, Belooshi, Beloushi, Belushi                                                                              |
| Barbara, Barb, Barbra                                                                                                                          |
| Barney, Barn, Barnabus, Barnaby, Bernie                                                                                                        |
| Baron, Barron                                                                                                                                  |
| Bayan, Brain, Brayan, Brayen, Brian, Bryan                                                                                                     |
| Beatie, Beatrice, Beatriz, Beattie                                                                                                             |
| Beau, Bo                                                                                                                                       |
| Beck, Beckie, Becky, Rebeca, Rebecca, Rebekah                                                                                                  |
| Ben, Benjamin, Bennie, Benno, Benny, Bin                                                                                                       |
| Bencheikh, Bin Sheikh                                                                                                                          |
| Bencherif, Bin Sharif                                                                                                                          |
| Benedict, Benedikt                                                                                                                             |
| Benelkadi, Bin Al Qadi                                                                                                                         |
| Benmoussa, Bin Moussa                                                                                                                          |
| Bennacer, Bin Nasser                                                                                                                           |
| Benrached, Bin Rashid                                                                                                                          |
| Berhard, Bernard, Bernie                                                                                                                       |
| Elizabeth, Bess, Bessie, Beth, Betti, Betty, Bettye, Eliza, Elsbeth, Elizabeth, Elze, Libby, Liesbeth, Lisbeth, Liz, Lizabeth, Lizbeth, Lizzie |

**Table A-3 (Cont.) Name synonyms**

| <b>Synonym</b>                                                                              |
|---------------------------------------------------------------------------------------------|
| Bethanny, Bethany                                                                           |
| Beverlee, Beverley, Beverly                                                                 |
| William, Bill, Billy, Billye, Will, Willi, Willia, Willian, Willie, Willy                   |
| Birgit, Birgitt                                                                             |
| Blache, Blanch, Blanche                                                                     |
| Robert, Bob, Bobby, Bobbye, Rob, Robb, Robbie, Robby                                        |
| Bobbi, Roberta                                                                              |
| Bonnie, Bonny                                                                               |
| Bousaidi, Busaidi, Busaidy                                                                  |
| Bradley, Brad, Bradly                                                                       |
| Ibrahim, Brahim, Ebraheem, Ebrahim, Ibraheem, Ibrahim, Ibrohim                              |
| Brandan, Branden, Brandon                                                                   |
| Breana, Breanna, Breanne                                                                    |
| Brendan, Brenden, Brendon                                                                   |
| Brennan, Brennen, Brennon                                                                   |
| Bret, Brett                                                                                 |
| Briana, Brianna, Brianne                                                                    |
| Bridge, Bridget, Briget, Brigett, Brigitte                                                  |
| Britanni, Britannie, Britany, Brittany                                                      |
| Britney, Britni, Brittney, Brittni, Brittny                                                 |
| Brooklyn, Brooklyn                                                                          |
| Buddie, Buddy                                                                               |
| Burtrand, Burt                                                                              |
| Cai, Choi, Choy, Tsai                                                                       |
| Katelyn, Caitlin, Caitlyn, Caitlynn, Kaitlin, Kaitlyn, Kaitlynn, Katelin, Katelynn          |
| Kayleigh, Caleigh, Kaleigh, Kaley, Kali, Kalie, Kay, Kaylee, Kayley, Kayli, Kaylie, Kyleigh |
| Cam, Cameron, Kamren, Kamron                                                                |
| Candace, Candice, Kandice, Kandy                                                            |
| Carol, Carole, Carrol                                                                       |
| Caroline, Karoline, Karolyn                                                                 |
| Carrie, Karie, Karri, Karrie                                                                |
| Cass, Cassandra, Cassie, Kasandra, Kassandra, Kassie                                        |
| Cassidy, Kassidy                                                                            |
| Cesca, Francesca, Franchesca, Francheska                                                    |
| Chami, Shamee, Shami                                                                        |
| Chang, Cheung, Teo, Teoh, Zhang                                                             |
| Chantelle, Shantell                                                                         |
| Charki, Cherki, Shareiqi, Sharki, Sharqi, Shreiqi, Shuraiqi, Shureiqi                       |
| Charleen, Charlene                                                                          |
| Charles, Charlie, Chas                                                                      |
| Charlotte, Lotte, Lottie, Lotty                                                             |
| Chelle, Macey, Maci, Macie, Michele, Michelle, Shell, Shelli, Shellie                       |
| Sherry, Cherie, Sheri, Sherie                                                               |

**Table A-3 (Cont.) Name synonyms**

| Synonym                                                                                |
|----------------------------------------------------------------------------------------|
| Sheriff, Cherif, Chrif, Shareef, Sharief, Sharif, Sharrif, Sherief, Sherif             |
| Cheryl, Sherrill, Sherryl, Sheryl                                                      |
| Christina, Chrissy, Kristina, Kristine, Krystina, Krystyna, Teena, Tena, Tina, Tine    |
| Christopher, Kristofer, Kristoffer, Kristopher                                         |
| Chu, Zhu                                                                               |
| Ciara, Ciarra, Kiara, Kiarra                                                           |
| Cindy, Sindy                                                                           |
| Claud, Claude                                                                          |
| Corey, Korey, Kori                                                                     |
| Crystal, Krystal, Krystle                                                              |
| Curt, Curtis, Curtiss, Kurtis                                                          |
| Cydney, Cydni, Sidney, Sydnie                                                          |
| Daen, Dean                                                                             |
| Dakota, Dakotah                                                                        |
| Dameon, Damian, Damien, Damion                                                         |
| Daniel, Dan, Danial, Danny                                                             |
| Dane, Dayne                                                                            |
| Dani, Daniele, Danielle                                                                |
| Daniela, Daniella                                                                      |
| Darci, Darcie, Darcy                                                                   |
| Daren, Darren, Darron                                                                  |
| Darian, Darien, Darion, Darrian, Darrien                                               |
| Darleen, Darlene, Darline                                                              |
| Darrel, Darrell, Darryl, Daryl, Daryll                                                 |
| David, Dave, Davey, Davie, Davo, Davy                                                  |
| Dawri, Doori, Dory, Douri, Duri                                                        |
| Dawsari, Doassari, Dosari, Dosary, Doseri, Dossari, Dousari, Dousri, Doussari, Dusseri |
| Deana, Deanna, Deanne                                                                  |
| Deb, Debbi, Debbie, Debbra, Debby, Debi, Debora, Deborah, Debra, Debrah                |
| Dec, Declan                                                                            |
| Dedric, Dedrick                                                                        |
| Deen, Dein, Dien, Din, Dine                                                            |
| Deena, Dina, Dinah                                                                     |
| Deirdra, Deirdre, Dierdra                                                              |
| Deja, Dejah                                                                            |
| Delaimi, Dilaimi, Dulaimi, Dulaymi, Duleimi                                            |
| Delia, Deliah                                                                          |
| Delmar, Delmer                                                                         |
| Delores, Deloris                                                                       |
| Demarco, Demarcus                                                                      |
| Demetris, Demetrius                                                                    |
| Demi, Demmi, Demy                                                                      |
| Denice, Denise, Denisse                                                                |

**Table A-3 (Cont.) Name synonyms**

| <b>Synonym</b>                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------|
| Denis, Dennis                                                                                                                                |
| Denzel, Denzill                                                                                                                              |
| Deonte, Deontea                                                                                                                              |
| Derek, Derick, Derrick                                                                                                                       |
| Deshaun, Deshawn                                                                                                                             |
| Destany, Destiney, Destini, Destiny                                                                                                          |
| Devan, Deven, Devin, Devon                                                                                                                   |
| Diane, Di, Dian, Diana, Diann, Dianna, Dianne                                                                                                |
| Dick, Dickie, Rich, Richard, Richie, Rick, Rickey, Rico, Rikki, Ritchey, Ritchie                                                             |
| Dillon, Dylan, Dylon                                                                                                                         |
| Djabar, Djaber, Djabir, Gabr, Gebr, Jabar, Jabbar, Jabber, Jaber, Jabir, Jabor, Jabr                                                         |
| Djabouri, Djibury, Jabburi, Jabouri, Jaburi, Jbouri, Jibouri, Jibury, Jubouri, Jubri, Juburi                                                 |
| Jamal, Djamal, Djamel, Gamal, Jamel, Jammal                                                                                                  |
| Dollie, Dolly, Dolores, Doloris                                                                                                              |
| Domenic, Dominic, Dominik                                                                                                                    |
| Dominique, Dominque, Domonique                                                                                                               |
| Donald, Don                                                                                                                                  |
| Donavon, Donovan                                                                                                                             |
| Dorothea, Dorothea, Dorothee, Dorothy, Dorthy, Dot                                                                                           |
| Doug, Dougie, Douglas, Douglass                                                                                                              |
| Dwayne, Duane, Duwayne, Dwain, Dwaine, Dwane                                                                                                 |
| Duke, Marmaduke                                                                                                                              |
| Earl, Earle                                                                                                                                  |
| Earlene, Earline                                                                                                                             |
| Earnestine, Earnistine, Ernestine, Ernistine                                                                                                 |
| Ebeid, Ebid, Ibeed, Obaid, Obead, Obeid, Ubaid, Ubayd, Ubeid                                                                                 |
| Eboni, Ebony                                                                                                                                 |
| Eckard, Eckart, Eckehard, Eckhard, Eckhardt                                                                                                  |
| Edward, Ed, Edd, Eddie, Eddy, Ted, Tedd, Teddy                                                                                               |
| Edie, Edith, Edyth, Edythe                                                                                                                   |
| Eduard, Eduardo                                                                                                                              |
| Edwin, Edwyn                                                                                                                                 |
| Elaina, Elaine, Elayne, Ellaine                                                                                                              |
| Elangeline, Evangelina                                                                                                                       |
| Elanor, Ele, Eleanor, Elenor, Elinor, Elle, Elli, Ellie, Nell, Nella, Nellie, Nelly                                                          |
| Elenora, Elenore                                                                                                                             |
| Eliau, Eliana, Elianna                                                                                                                       |
| Elisa, Elisabeth                                                                                                                             |
| Elise, Elyse                                                                                                                                 |
| Elma, Elmar, Elmer                                                                                                                           |
| Elois, Eloisa, Eloise, Elouise                                                                                                               |
| Elsayed, Sa d, Sa'id, Saaeed, Saed, Saeed, Saaid, Said, Saiid, Sayad, Sayd, Sayeed, Sayid, Sayyad, Sayyed, Sayyid, Seyyed, Syad, Syed, Syeed |



**Table A-3 (Cont.) Name synonyms**

| <b>Synonym</b>                                                                    |
|-----------------------------------------------------------------------------------|
| Else, Elsie                                                                       |
| Elvera, Elvia                                                                     |
| Ema, Emma, Emmy                                                                   |
| Emanuel, Emanuele, Emmanuel, Manu                                                 |
| Emely, Emilee, Emilie, Emilly, Emily, Millie, Milly                               |
| Emil, Emile                                                                       |
| Eric, Erich, Erick, Erik                                                          |
| Ernie, Ern, Ernest, Erni                                                          |
| Erol, Errol                                                                       |
| Ervin, Erwin, Irwin                                                               |
| Ismael, Esmail, Esmail, Isamil, Ishmael, Isma el, Isma il, Ismaeel, Ismail, Smail |
| Esmerelda, Esme                                                                   |
| Essence, Essense, Essie                                                           |
| Esta, Ester, Estha, Esther                                                        |
| Eugen, Eugene                                                                     |
| Eula, Eulalia                                                                     |
| Eva, Eve, Iva                                                                     |
| Everet, Everett, Everette                                                         |
| Evonne, Ivon, Ivone, Ivonne, Yvon, Yvone, Yvonne                                  |
| Ezekeil, Ezekiel, Ezequiel                                                        |
| Fadel, Fadhal, Fadhel, Fadhil, Fadil                                              |
| Fae, Fay, Faye, Fea                                                               |
| Fageah, Fageeh, Faki, Faqeeh, Faqi, Faqih                                         |
| Fahad, Fahd, Fahed                                                                |
| Faisal, Faical, Faissal, Fassil, Faycal, Faysal, Faysel, Feisal, Fesal            |
| Faysalhasan, Faisal Hassan                                                        |
| Fanni, Fannie, Fanny                                                              |
| Fatima, Fatma                                                                     |
| Federico, Frederico                                                               |
| Felecia, Felicia, Felicita, Felisha                                               |
| Florene, Florine, Flourene, Flourine                                              |
| Forest, Forrest                                                                   |
| Fran, Francis, Frank, Frankie                                                     |
| Franklin, Franklyn                                                                |
| Frederic, Frederick, Frederik, Fredric, Fredrick                                  |
| Freeda, Frieda                                                                    |
| Gabriela, Gabby, Gabi, Gabriele, Gabriella, Gabrielle, Gaby                       |
| Gabriel, Gabe                                                                     |
| Gader, Gadir, Kader, Kadir, Qadar, Qadeer, Qader, Qadir                           |
| Gail, Gale, Gayle                                                                 |
| Garath, Gareth                                                                    |
| Garry, Gary, Gaz                                                                  |
| Qaseem, Gasseem, Ghasem, Ghasim, Ghassem, Kasem, Kasseem, Qasem, Qasim, Qassem    |

**Table A-3 (Cont.) Name synonyms**

| <b>Synonym</b>                                                              |
|-----------------------------------------------------------------------------|
| Gaven, Gavin                                                                |
| Gdah, Kodah, Qadah, Qodhah, Quda, Qudah                                     |
| Geena, Georgie, Georgina, Gina, Jeana                                       |
| Geoffrey, Geoff                                                             |
| Geogiana, Georgianna                                                        |
| Geogianna, Georgiana                                                        |
| Geogrina, Geogrina                                                          |
| Geordie, Georg, George                                                      |
| Gerald, Gerrald, Gerry, Jerald, Jerold                                      |
| Geraldine, Geri, Gerri                                                      |
| Gerhard, Gerhardt                                                           |
| Gertie, Gertraude, Gertrud, Gertrude                                        |
| Gewndolyn, Gwen, Gwenda, Gwendolyn                                          |
| Ghadhi, Kadhi, Kadi, Kady, Kahdi, Kazzi, Khadi, Khahdi, Qadhi, Qadi, Qazzi  |
| Gholamreza, Gholam Reza                                                     |
| Gillian, Jill, Jillian                                                      |
| Ginny, Virginia                                                             |
| Glen, Glenn                                                                 |
| Glenda, Glynda                                                              |
| Goh, Wu                                                                     |
| Grace, Gracie                                                               |
| Graeme, Graham, Greame                                                      |
| Grechen, Greta, Gretchen, Grete                                             |
| Greg, Gregg, Gregory, Gregory                                               |
| Griselda, Zelda                                                             |
| Guo, Gwok, Kuo, Kwok                                                        |
| Gustav, Gustave                                                             |
| Hacene, Hasan, Hassan, Hassen                                               |
| Hachemi, Hashemi, Hashimi                                                   |
| Hadi, Hady                                                                  |
| Hailee, Hailey, Haleigh, Haley, Hali, Halie, Hallie, Haylee, Hayley, Haylie |
| Hamid, Hamad, Hamed, Hameed, Hammad, Hammed                                 |
| Hammoud, Hammud, Hamood, Hamoud, Hamud, Hmood, Hmoud, Humoud, Humud         |
| Hana, Hanah, Hanna, Hannah                                                  |
| Hariet, Hariett, Hariette, Harriet, Harriete, Harriett, Harriette, Hattie   |
| Haris, Harris                                                               |
| Harry, Henri, Henry, Herny, Narry                                           |
| Hossani, Hasani, Hassani, Hosni, Housani, Hussney                           |
| Hayward, Haywood                                                            |
| Heinhardt, Reinhart                                                         |
| Helen, Hellen                                                               |
| Henrick, Henrik, Henryk                                                     |
| Henrietta, Henriette                                                        |

**Table A-3 (Cont.) Name synonyms**

| <b>Synonym</b>                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------|
| Herbert, Herb, Herbut, Hurbert, Hurburt                                                                                         |
| Herman, Hermann                                                                                                                 |
| Herschel, Hershel                                                                                                               |
| Herta, Hertha                                                                                                                   |
| Hilary, Hillie, Hilly                                                                                                           |
| Hilda, Hylda                                                                                                                    |
| Holli, Hollie, Holly                                                                                                            |
| Hortencia, Hortensia                                                                                                            |
| Husain, Hosayn, Hosein, Hoseyn, Hosian, Hossain, Hossein, Housen, Houssein, Houssine, Husayn, Husein, Hussain, Hussein, Hussien |
| Hoseinpur, Hoseynpur, Hosseinpur, Hussein Pour                                                                                  |
| Hsu, Tsui                                                                                                                       |
| Huang, Hwang, Wang, Wong                                                                                                        |
| Hubert, Huburt                                                                                                                  |
| Iaian, Iain, Ian                                                                                                                |
| Ikhalil, Kalil, Khaleel, Khalil, Khelil                                                                                         |
| Imogen, Imogene                                                                                                                 |
| Ines, Inez                                                                                                                      |
| Irvin, Irving                                                                                                                   |
| Isabel, Isabell, Isabella, Isabelle, Isobel, Izabella                                                                           |
| Isaiah, Isiah, Iziah                                                                                                            |
| Ivette, Yvette                                                                                                                  |
| Izzeddin, Izzeddin Al Din                                                                                                       |
| Jacqueline, Jacalyn, Jackeline, Jackie, Jacklyn, Jacky, Jaclyn, Jacque, Jacquelin, Jacquelyn, Jacqueline, Jaquelin, Jaqueline   |
| Jace, Jase, Jasen, Jason                                                                                                        |
| Jacey, Jaycee                                                                                                                   |
| Jack, John, Johnnie, Johnny                                                                                                     |
| Jackson, Jaxon, Jaxson                                                                                                          |
| Jacob, Jacoby, Jake                                                                                                             |
| Jada, Jade                                                                                                                      |
| Jaden, Jadon, Jady, Jaiden                                                                                                      |
| Jaimie, James, Jamie, Jammie, Jayme, Jim, Jimmie, Jimmy                                                                         |
| Jane, Janie, Jayne                                                                                                              |
| Janel, Janele, Janelle                                                                                                          |
| Janette, Jannette                                                                                                               |
| Janice, Janis                                                                                                                   |
| Janine, Jeanine, Jeannine                                                                                                       |
| Jarett, Jarret, Jarrett                                                                                                         |
| Jassem, Jasam, Jasem, Jasim, Jassim, Jazem                                                                                      |
| Jasmine, Jazmin, Jazmine, Jazmyn, Jazmyne                                                                                       |
| Jeannie, Jean, Jeane, Jeanie                                                                                                    |
| Jeffrey, Jeff, Jefferey, Jeffery, Jeffry                                                                                        |

**Table A-3 (Cont.) Name synonyms**

| <b>Synonym</b>                                                                                        |
|-------------------------------------------------------------------------------------------------------|
| Jen, Jennie, Jennifer, Jenny                                                                          |
| Jeramie, Jere, Jeremey, Jeremie, Jeremy, Jermey, Jeromy, Jerry, Jez                                   |
| Jermain, Jermaine                                                                                     |
| Jesica, Jess, Jesse, Jessi, Jessica, Jessie, Jessika, Jessy                                           |
| Jewel, Jewell                                                                                         |
| Jo, Joann, Joanne                                                                                     |
| Joan, Joanie                                                                                          |
| Joanna, Joana                                                                                         |
| Joselyn, Jocelyn                                                                                      |
| Jodi, Jodie, Jody                                                                                     |
| Joe, Joey, Josef, Joseph, Jozef                                                                       |
| Johan, Johann                                                                                         |
| Johnathan, Johnathon, Jon, Jonatan, Jonathan, Jonathon, Jonnie, Jonny                                 |
| Jordan, Jorden, Jordie, Jordon, Jordy, Jordyn                                                         |
| Josephine, Josefine, Josie                                                                            |
| Josh, Joshua, Joshuah                                                                                 |
| Joyce, Joycelyn                                                                                       |
| Jude, Judi, Judie, Judith, Judy                                                                       |
| Juli, Julia, Julie                                                                                    |
| Juliana, Julianna                                                                                     |
| Juliet, Juliette                                                                                      |
| Jussef, Yousef                                                                                        |
| Justen, Justin, Justyn                                                                                |
| Kaabai, Ka'abi, Kaabi, Kabbi, Kabi                                                                    |
| Kacey, Kaci, Kacie, Kacy                                                                              |
| Kalid, Khaled, Khalid                                                                                 |
| Kalifa, Kalifeh, Khalefa, Khalifa, Khalifah, Khalifeh, Khelifa                                        |
| Kamal, Kemal                                                                                          |
| Kareem, Karim                                                                                         |
| Karlee, Karley                                                                                        |
| Kassimi, Kasimi, Kasseemi, Qasimi, Qassimi                                                            |
| Kathrine, Kate, Kath, Katherine, Katheryn, Kathi, Kathie, Kathrin, Kathryn, Kathy, Kati, Katie, Kitty |
| Kateeb, Katib, Khateeb, Khatib                                                                        |
| Kathleen, Kathlene                                                                                    |
| Kawari, Kuari, Kuwari                                                                                 |
| Kelley, Kellie, Kelly                                                                                 |
| Kelsea, Kelsey, Kelsi, Kelsie                                                                         |
| Ken, Kenneth, Kenney, Kennith, Kenny                                                                  |
| Kendal, Kendall                                                                                       |
| Kennedy, Kennedi                                                                                      |
| Kerri, Kerry                                                                                          |
| Kersten, Kiersten, Kirsten, Kirstin                                                                   |
| Kev, Kevin                                                                                            |

**Table A-3 (Cont.) Name synonyms**

| <b>Synonym</b>                                      |
|-----------------------------------------------------|
| Kiana, Kianna                                       |
| Kimberley, Kim, Kimberlee, Kimberly                 |
| Kirt, Kurt                                          |
| Kristan, Kristen, Kristin                           |
| Kristi, Kristie, Kristy                             |
| Lacey, Laci, Lacie, Lacy                            |
| Lakeisha, Lakesha, Lakeshia, Lakisha                |
| Lam, Lin                                            |
| Lao, Lau, Liou, Liu                                 |
| Laurence, Larry, Laurance, Lawrenc, Lawrence        |
| Lateef, Latheef, Latif, Letayf                      |
| Latisha, Laticia                                    |
| Latonia, Latonya                                    |
| Laura, Lora                                         |
| Lauren, Loran, Loren, Lorin, Lorine                 |
| Lavern, Laverne                                     |
| Lavon, Lavonne                                      |
| Leann, Leanne                                       |
| Leesa, Leisa, Lesa, Lisa, Lissa, Liza               |
| Leila                                               |
| Leonard, Len, Lennard, Lennie, Lenny, Leo, Leonhard |
| Lenora, Lenore                                      |
| Leslie, Les, Lesli                                  |
| Lesley, Lesly                                       |
| Lewis, Lew                                          |
| Lidia, Lydia                                        |
| Lillie, Lilly                                       |
| Lindsay, Lindsey, Linsey, Lydsay, Lydsey, Lynsey    |
| Lloyd, Loyd                                         |
| Lois, Luis                                          |
| Lonnie, Lonny                                       |
| Loraine, Lori, Lorie, Lorraine, Lorri, Lorrie       |
| Louis, Lou, Louie                                   |
| Louisa, Luisa                                       |
| Louise, Luise                                       |
| Luana, Luanna                                       |
| Luann, Luanne                                       |
| Lucas, Luke                                         |
| Lucie, Lucy                                         |
| Lyn, Lynette, Lynn, Lynnette                        |

**Table A-3 (Cont.) Name synonyms**

| Synonym                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Muhammad, Mhamad, Mhamed, M'hamad, M'hamed, Mahamat, Mahamed, Mahammed, Mahomed, Md, Mohamad, Mohamed, Mohameed, Mohammad, Mohammed, Mohammad, Mohammud, Mohamod, Mohamoud, Mohamud, Mohanmmod, Mohd, Mohmed, Mohmmad, Mohmmmed, Mohommed, Mouhamed, Mouhammad, Mouhammed, Muhamad, Muhamed, Muhamet, Muhammad', Muhammed, Muhammod, Muhumed, Mo |
| Mualla, Ma'la, Mala, Malla, Moalla, Mu'alla, Mualla, Mulla, Mullah                                                                                                                                                                                                                                                                               |
| Mabel, Mable                                                                                                                                                                                                                                                                                                                                     |
| Mabrouk, Mabruk, Mbarek, Mobarak, Moubarak, Moubarek, Mubarak, Mubarek, Mubark, Mubruk                                                                                                                                                                                                                                                           |
| Macenzie, Mackenzie, Makenzie, Mckenzie                                                                                                                                                                                                                                                                                                          |
| Madalyn, Madalynn, Madeleine, Madeline, Madilyn                                                                                                                                                                                                                                                                                                  |
| Madge, Maggie, Marga, Margaret, Margaret, Marge, Margery, Margie, Margret, Margrit, Margueite, Margy, Peggie, Peggy                                                                                                                                                                                                                              |
| Madi, Mahdi, Mahdy, Mehdi                                                                                                                                                                                                                                                                                                                        |
| Madison, Madisen, Madisyn, Madyson                                                                                                                                                                                                                                                                                                               |
| Madjid, Madschid, Maged, Mageed, Magid, Majed, Majeed, Majid, Megeid, Megid, Meguid, Mejid, Migeed                                                                                                                                                                                                                                               |
| Mae, May                                                                                                                                                                                                                                                                                                                                         |
| Mahamoud, Mahamud, Mahmod, Mahmood, Mahmoud, Mahmud, Mahmut, Mamoud                                                                                                                                                                                                                                                                              |
| Majali, Majaly, Majli                                                                                                                                                                                                                                                                                                                            |
| Malcolm, Mal, Malc, Malcom, Malky                                                                                                                                                                                                                                                                                                                |
| Malek, Malik                                                                                                                                                                                                                                                                                                                                     |
| Mansoor, Mansour, Mansur                                                                                                                                                                                                                                                                                                                         |
| Mansoori, Mansori, Mansouri, Mansuri, Monsuri                                                                                                                                                                                                                                                                                                    |
| Mark, Marc, Marq                                                                                                                                                                                                                                                                                                                                 |
| Marshall, Marchal, Marchall                                                                                                                                                                                                                                                                                                                      |
| Marci, Marcia, Marcie, Marcy                                                                                                                                                                                                                                                                                                                     |
| Marcos, Marcus                                                                                                                                                                                                                                                                                                                                   |
| Margareta, Margaretah                                                                                                                                                                                                                                                                                                                            |
| Mari, Marri, Merri                                                                                                                                                                                                                                                                                                                               |
| Maria, Mariah                                                                                                                                                                                                                                                                                                                                    |
| Marian, Marianne, Marien, Maryam, Maryan, Maryann, Maryanne                                                                                                                                                                                                                                                                                      |
| Mariana, Marianna                                                                                                                                                                                                                                                                                                                                |
| Marlen, Marlena, Marlene                                                                                                                                                                                                                                                                                                                         |
| Marta, Martha                                                                                                                                                                                                                                                                                                                                    |
| Mary, Mollie, Molly                                                                                                                                                                                                                                                                                                                              |
| Masree, Masri, Masry, Massry, Mesri, Miseery, Misri                                                                                                                                                                                                                                                                                              |
| Matthew, Mat, Mathew, Matt                                                                                                                                                                                                                                                                                                                       |
| Matilda, Tillie                                                                                                                                                                                                                                                                                                                                  |
| Maudie, Maud, Maude                                                                                                                                                                                                                                                                                                                              |
| Maurice, Mo                                                                                                                                                                                                                                                                                                                                      |
| Mayra, Myra                                                                                                                                                                                                                                                                                                                                      |
| Mazroeei, Mazroei, Mazrooi, Mazrooie, Mazroui, Mazrui                                                                                                                                                                                                                                                                                            |
| Megan, Meg, Meghan, Meghann                                                                                                                                                                                                                                                                                                                      |
| Meike, Meiki                                                                                                                                                                                                                                                                                                                                     |

**Table A-3 (Cont.) Name synonyms**

| <b>Synonym</b>                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------|
| Melvin, Mel, Melvyn                                                                                                           |
| Melisa, Melissa                                                                                                               |
| Melodie, Melody                                                                                                               |
| Menem, Min'im, Mon'im, Mone'em, Moneam, Moneim, Monem, Muneem, Munim                                                          |
| Meriel, Muriel, Murl                                                                                                          |
| Meryl, Meril, Merrill                                                                                                         |
| Merlin, Merlyn                                                                                                                |
| Michael, Michail, Micheal, Mick, Mickey, Mickie, Mike, Mikel, Mikey                                                           |
| Michaela, Mikaela, Mikala, Mikayla                                                                                            |
| Michel, Michell                                                                                                               |
| Miranda, Myranda                                                                                                              |
| Miriam, Myriam                                                                                                                |
| Misti, Misty                                                                                                                  |
| Mohieddin, Mohieddin Al Din                                                                                                   |
| Mohsen, Mohsin, Mouhsin, Muhsin                                                                                               |
| Moir, Moira                                                                                                                   |
| Monica, Monika                                                                                                                |
| Monserat, Monserrate, Montserrat                                                                                              |
| Moosa, Mousa, Mouseh, Moussa, Moussah, Mousseh, Musa, Mussa, Mussah                                                           |
| Moosawi, Mosawei, Mousawi, Moussaoui, Moussawi, Musawi                                                                        |
| Mose, Moses                                                                                                                   |
| Mustafa, Mostafa, Mostapha, Mostefa, Mostofa, Moustafa, Moustapha, Mustapha, Mustofa                                          |
| Mouhcine, Mouhsen, Mouhssin, Muhsan, Muhsen                                                                                   |
| Moyra                                                                                                                         |
| Musaab, Mus'ab, Musa'ab, Musab                                                                                                |
| Nasser, Naceur, Nasar, Naser, Nasir, Nasr, Nassar, Nassir, Nassour                                                            |
| Naeimi, Naemi, Naimi, Noaimi, Noemi, Nouami, Nu'aimi, Nu'ami, Nu'aymi, Nu'yami, Nuaimi, Nuaimi, Nuami, Nuaymi, Nueimi, Nuyami |
| Nahayan, Nahyan, Nehayan, Nuhayyan                                                                                            |
| Nanci, Nancie, Nancy                                                                                                          |
| Nanette, Nannette                                                                                                             |
| Nathalie, Nat, Natalie, Nataly, Natelie                                                                                       |
| Natasha, Tasha                                                                                                                |
| Nathanael, Nate, Nathan, Nathaniel, Nathen                                                                                    |
| Neal, Neil, Niel                                                                                                              |
| Ng, Wu                                                                                                                        |
| Nicholas, Nick, Nico, Nicolas, Nikolas, Nikolaus                                                                              |
| Nickolas, Nicki, Nicklaus, Nicky, Nicola, Nicole, Niki, Nikki, Nikola, Nikole                                                 |
| Niles, Nils                                                                                                                   |
| Noal, Noe, Noel                                                                                                               |
| Noor, Nor, Nour, Nur                                                                                                          |
| Nora, Norah                                                                                                                   |
| Nordine, Nouradine, Nourdin, Nourdine, Noureddine, Nouredine, Nourradine, Nourredine                                          |

**Table A-3 (Cont.) Name synonyms**

| <b>Synonym</b>                                                                                            |
|-----------------------------------------------------------------------------------------------------------|
| Noreen, Norene, Norine                                                                                    |
| Nurallah, Nurullah                                                                                        |
| Nurhusein, Nurhussein, Nur Hussein                                                                        |
| Obaidollah, Obaidulla, Obaidullah, Obeidullah, Ubaidullah                                                 |
| Oliver, Ollie, Olly                                                                                       |
| Omar, Oma, Omer, Oumar, Umr, Umar                                                                         |
| Oscar, Osker                                                                                              |
| Otis, Ottis                                                                                               |
| Ouahab, Wahab, Wahhab                                                                                     |
| Ould, Uld, Wald                                                                                           |
| Palma, Palmer                                                                                             |
| Pamela, Pam, Pamella                                                                                      |
| Pascal, Pascual, Pasquale                                                                                 |
| Patricia, Patsy, Patti, Pattie, Patty, Tricia, Trisha                                                     |
| Pearl, Pearlie                                                                                            |
| Penelope, Penni, Penny                                                                                    |
| Percival, Percy                                                                                           |
| Pete, Peter                                                                                               |
| Philipp, Phil, Philip, Phillip, Phillipp                                                                  |
| Philipa, Philippa, Pippa                                                                                  |
| Philis, Phillis, Phylis, Phyllis                                                                          |
| Porsha, Portia                                                                                            |
| Quentin, Quintin, Quiten                                                                                  |
| Rabae, Rabee, Rabei, Rabi'i, Rabiee, Rabii, Rebai, Rebei, Roubaei, Rubai, Rubaie, Rubay'i, Rubayi, Rubiai |
| Rachael, Racheal, Rachel, Rachele                                                                         |
| Racheed, Rachid, Rashaid, Rasheed, Rashid, Reshaid, Rushaid, Rushayd                                      |
| Ridha, Rada, Radha, Raza, Reda, Redha, Reza, Rida, Riza                                                   |
| Rafael, Rafa, Raphael                                                                                     |
| Raheem, Rahim, Rehim                                                                                      |
| Rahmaan, Rahman, Rahmane, Rehman                                                                          |
| Raymond, Raimund, Ray, Raymund, Rey                                                                       |
| Raoui, Rawee, Rawi                                                                                        |
| Rashiddodin, Rashiddudin, Rashideddin, Rashid Eddin, Rashidoddin, Rashoudin, Rashudin                     |
| Rayleigh, Raylee, Raylie, Ryley                                                                           |
| Razak, Razaq, Razeq, Raziq, Razzak, Razzaq                                                                |
| Reginal, Reg, Reggie, Reginald                                                                            |
| Reinaldo, Ronaldo                                                                                         |
| Reinhard, Reinhardt                                                                                       |
| Reuben, Ruben                                                                                             |
| Reubens, Rubens                                                                                           |
| Reynold, Reynoldo                                                                                         |
| Rhod, Rhodri                                                                                              |



**Table A-3 (Cont.) Name synonyms**

| <b>Synonym</b>                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rhona, Rona                                                                                                                                                                            |
| Rhonda, Ronda                                                                                                                                                                          |
| Rickard, Ricki                                                                                                                                                                         |
| Robbin, Robin                                                                                                                                                                          |
| Rock, Rocky                                                                                                                                                                            |
| Rod, Rodney                                                                                                                                                                            |
| Roland, Rowland                                                                                                                                                                        |
| Ronald, Ron, Ronnie                                                                                                                                                                    |
| Rosalee, Rosalia, Rosalie                                                                                                                                                              |
| Rossanne, Rosann                                                                                                                                                                       |
| Rosco, Roscoe                                                                                                                                                                          |
| Rosemary, Rosemarie, Rosmarie, Rosmary                                                                                                                                                 |
| Roxanne, Roxan, Roxann, Roxie, Roxy                                                                                                                                                    |
| Ruby, Rubye                                                                                                                                                                            |
| Rudolph, Rudi, Rudy                                                                                                                                                                    |
| Russell, Russ                                                                                                                                                                          |
| Ryan, Ryann, Ryne                                                                                                                                                                      |
| Saad, Sad, S'ad, Sa'ad, Sa'd, Saa'd, Sad                                                                                                                                               |
| Saadallah, Sadallah                                                                                                                                                                    |
| Saadeddin, Saaddine                                                                                                                                                                    |
| Saalim, Saleem, Salem, Salim, Selim, Slim                                                                                                                                              |
| Saba, Sabah                                                                                                                                                                            |
| Saddek, Sadegh, Sadek, Sadeq, Sadiq, Seddig, Seddik, Seddiq, Siddeek, Siddek, Siddig, Siddiq, Sidig, Sidik, Sidiq                                                                      |
| Saieddin, Sadoddin, Saduddin, Sadudin, Saiduddine                                                                                                                                      |
| Saef, Saif, Sayf, Seif                                                                                                                                                                 |
| Sughayir, Sagheer, Saghir, Sghir, Soghayar, Sugair, Sugayer, Sughaier, Sughair, Sughayer, Sughayyir                                                                                    |
| Salaam, Salam, Sallam                                                                                                                                                                  |
| Salah, Saleh, Salih                                                                                                                                                                    |
| Salaheddin, Salahddin, Salaheddine, Salahoddin, Salahuldden                                                                                                                            |
| Sulaiman, Saliman, Seleiman, Seliman, Sleiman, Sliman, Slimane, Solaiman, Soleiman, Soleman, Soliman, Souleiman, Souleyman, Souleymane, Sulayman, Sulaymon, Suleiman, Suleman, Suliman |
| Sallie, Sally                                                                                                                                                                          |
| Samara'i, Samarae, Samarai, Samaraie, Samarra'i, Samarra, Samarraie, Sameraei, Sameraie, Samirai                                                                                       |
| Sandi, Sandra                                                                                                                                                                          |
| Saoud, Saud, Saud, Sauood, Soud, Su'ad, Su'ud, Suad, Sud, Suod, Suud, Suud                                                                                                             |
| Sara, Sarah                                                                                                                                                                            |
| Savanna, Savana, Savannah                                                                                                                                                              |
| Scott, Scot, Scottie, Scotty                                                                                                                                                           |
| Selena, Selina                                                                                                                                                                         |
| Shameka, Shamika                                                                                                                                                                       |
| Shannon, Shanan, Shannan, Shanon                                                                                                                                                       |
| Shanika, Shaniqua                                                                                                                                                                      |

**Table A-3 (Cont.) Name synonyms**

| <b>Synonym</b>                                                                                       |
|------------------------------------------------------------------------------------------------------|
| Sharon, Sharron, Sharyn                                                                              |
| Shaun, Shawn                                                                                         |
| Sheila, Sheilla                                                                                      |
| Shelbi, Shelby                                                                                       |
| Shirlee, Shirley                                                                                     |
| Shyann, Shyanne                                                                                      |
| Skyla, Skylar, Skyler                                                                                |
| Sofia, Sophia                                                                                        |
| Sofie, Soph, Sophie, Sophy                                                                           |
| Soltan, Sultan                                                                                       |
| Sonia, Sonja, Sonya                                                                                  |
| Sowaidi, Suwaidi, Suweidi, Sweidi                                                                    |
| Spencer, Spence                                                                                      |
| Staci, Stacie, Stacy                                                                                 |
| Stanley, Stan                                                                                        |
| Stephanie, Stefani, Stefanie, Steffi, Stephani, Stephany, Stephenie                                  |
| Stephen, Steve, Steven                                                                               |
| Susanne, Sue, Susan, Susana, Susanna, Susie, Suzan, Suzann, Suzanna, Suzanne, Suzi, Suzy             |
| Sven, Swen                                                                                           |
| Sybil, Sybille, Syble                                                                                |
| Sydeny, Sydney                                                                                       |
| Tabatha, Tabetha, Tabitha                                                                            |
| Taeb, Taeib, Taib, Taieb, Tayeb, Tayib, Tayieb, Tayyab, Tayyeb, Tayyib, Teyib                        |
| Tahar, Taher, Tahir                                                                                  |
| Takriti, Tikriti                                                                                     |
| Tami, Tamie, Tammi, Tammie, Tammy                                                                    |
| Tani, Thani                                                                                          |
| Tania, Tanja, Tanya                                                                                  |
| Tara, Tarah                                                                                          |
| Tatiana, Tatianna, Tatjana, Tatyana                                                                  |
| Tawana, Tawanna                                                                                      |
| Tawne, Tawny                                                                                         |
| Terence, Terrence, Terry                                                                             |
| Teresa, Terese, Teressa, Teri, Terie, Terri, Terrie, Tessa, Tessie, Theresa, Theresia, Tresa, Tressa |
| Theodore, Theo, Theodor                                                                              |
| Thomas, Tom, Tomas, Tommie, Tommy                                                                    |
| Tiana, Tianna                                                                                        |
| Tiera, Tierra                                                                                        |
| Tiffani, Tiffanie, Tiffany                                                                           |
| Timothy, Tim, Timmie, Timmoth, Timmothy, Timmy, Timo,                                                |
| Tobias, Toby                                                                                         |
| Tod, Todd                                                                                            |
| Tomeka, Tomika                                                                                       |

**Table A-3 (Cont.) Name synonyms**

| <b>Synonym</b>                                                                |
|-------------------------------------------------------------------------------|
| Victoria, Torey, Tori, Torrey, Tory, Vicki, Vickie, Vicky, Vikki, Viktoria    |
| Trace, Tracey, Traci                                                          |
| Trae, Trey                                                                    |
| Tremaine, Tremayne                                                            |
| Trev, Treva, Trever, Trevor                                                   |
| Tris, Tristan, Tristen, Tristin, Triston, Trstain, Trystan                    |
| Twila, Twyla                                                                  |
| Tyler, Tylor                                                                  |
| Tyreek, Tyrek                                                                 |
| Tyrel, Tyrell                                                                 |
| Tyron, Tyrone                                                                 |
| Ullrich, Ulrich                                                               |
| Ulrika, Ulrike                                                                |
| Valerie, Val, Valorie                                                         |
| Valentin, Valentine                                                           |
| Vanesa, Vanessa, Venessa                                                      |
| Verl, Verle                                                                   |
| Veronica, Veronika                                                            |
| Vic, Victor, Viktor                                                           |
| Vince, Vincent, Vinson                                                        |
| Virgie, Virgil                                                                |
| Viv, Vivian                                                                   |
| Vivien, Vivienne                                                              |
| Vladimir, Vlad, Wladimir                                                      |
| Walter, Walther                                                               |
| Wendi, Wendy                                                                  |
| Wes, Wesley                                                                   |
| Wilber, Wilbert                                                               |
| Wilfred, Wilf, Wilfrid, Wilfried                                              |
| Xina, Zina                                                                    |
| Yaha, Yahaya, Yahia, Yahiya, Yahya, Yahyah, Yahyia, Yaya, Yehia, Yehya, Yihya |
| Yang, Yeung                                                                   |
| Yasmeen, Yasmin, Yasmine                                                      |
| Yesinia, Yessinia                                                             |
| Zachariah, Zachary, Zachery, Zackery, Zakary                                  |
| Zoe, Zoey                                                                     |