

# Data Element Definitions

## State Agency

## Retirement Enrollment Reporting File

### Overview

This document outlines the data elements within a CalPERS State retirement enrollment XML file. Descriptions, conditions for which they are used, field values, and character requirements are outlined for each element.

This document **does not** describe the file structure for developing the retirement enrollment XML file. The following page includes information about the resources available within the Employer Technical Toolkit to assist you in developing an XML file for reporting.

## Employer Technical Toolkit

Within the *myCalPERS Technical Resources* page on the CalPERS website, you will find the [Employer Technical Toolkit](#) (ZIP) that contains several documents needed to construct an XML file. The XML Schema Definition (XSD) documents (including the common utilities and SOAP envelope file) identify the required file structure layout. Employers can use the schema to develop or alter their systems to ensure adherence to CalPERS standards. In addition, the [Encryption/Decryption & File Naming](#) (PDF) document provides instruction for the naming convention needed to create the XML file.

### File Structure

An XML file is organized in a hierarchical structure, much like a standard outline; the XSD provides the file structure as an indication of how the data elements are related to each other. The following is an outline of the XML file structure:

*File Header – i.e. the type of file, Employer ID, and report begin and end dates*

- A. *Transaction Information – i.e. Transaction Type, Unique Identifier, Effective Date*
  - 1. *Demographics – i.e. Person Information, Address Information, Communication Information*
  - 2. *Appointment – i.e. Employer Information, Employment Information, Job Position*
    - a. *Employer Information – i.e. Employer CalPERS ID, County*
    - b. *Employment Information – i.e. Original Hire Date, Collective Bargaining Unit*
    - c. *Job Position Information – i.e. Position Code, Appointment ID, Tier*
  - 3. *Retirement Enrollment – i.e. Program, SSA designation, ARP designation*

This outline can be repeated so there can be multiple programs, reports, and participants in a single file.

In addition to the XSDs, sample XML files are provided within the Retirement folder of the Employer Technical Toolkit. The sample files can be used as a model as you produce files; however, they should not be used as the main source of development or validation but to identify possible scenarios and act as a visual representation which may aid in the development of an XML file.

**Note:** XML technologies define an extensible messaging framework applicable to a variety of underlying protocols. This framework is designed to be independent of programming language, platforms, and other technical criteria.

For more information about all documents found within the toolkit and how to utilize the information provided, please review the [Employer's Guide to the Technical Toolkit](#) (PDF) document published on the CalPERS Technical Resources web page.

## State Retirement Enrollment Reporting Data Elements

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
1	Program Type	<p><b>Description:</b> Identifies the program for the transaction record sent by the employer.</p> <p><b>Conditions:</b> Required—when transaction type is New Appointment.</p> <p><b>Note:</b> This data is accepted for Appointment Change transaction type. Supplemental Income Plan (SIP) enrollments are not reportable through this file.</p>	<ul style="list-style-type: none"> <li>California Public Employees' Retirement System (PERS) = CPE</li> <li>All Judge's Retirement Systems = JR3</li> </ul>	3	N/A
2	Employer's CalPERS Id	<p><b>Description:</b> A unique 10-digit identifier created by myCalPERS to identify the reporting organization.</p> <p><u>For schools, review the following:</u> County Office of Education—if you report for other school districts, use your Employer's CalPERS ID. Districts who report independently from the County Office of Education—use your Employer's CalPERS ID.</p> <p><b>Conditions:</b> Required—to identify which myCalPERS account is submitting the XML file. The submitting organization must be a PERS/SIP contracted data owner.</p>	#####	10	Default to the State of California Employer CalPERSID 54024407

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
3	Transaction Type	<p><b>Description:</b> Indicates the transaction type of a qualifying event.</p> <p><b>Conditions:</b> Required—to identify the transaction type of a qualifying event.</p> <p><b>Note:</b> For transaction type definitions, refer to <a href="#">Appendix A1</a>.</p>	<ul style="list-style-type: none"> <li>• New Appointment = NAP</li> <li>• Appointment Change = ACH</li> <li>• Begin Leave = BEL</li> <li>• End Leave = ENL</li> <li>• Permanent Separation = PSP</li> <li>• To Local ARP = TLA</li> <li>• From Local ARP = FLA</li> <li>• Address Change = ADC</li> <li>• Profile Change = PRC</li> <li>• Membership Inquiry = MIQ</li> </ul>	3	<ul style="list-style-type: none"> <li>• New Enrollment = 11</li> <li>• Address Change = 8</li> <li>• Name Change = 9</li> <li>• Birth Date Correction = 9</li> <li>• Gender Correction = 9</li> <li>• Temporary Separation = 12</li> <li>• Permanent Separation = 12</li> <li>• Change Coverage Group = 13</li> </ul>
4	Agency Code	<p><b>Description:</b> The SCO Agency Code from the former external position number; the organization that an employee reports to or works at.</p> <p><b>Conditions:</b> Required—when transaction type is New Appointment or New Judge Appointment.</p> <p><b>Note:</b> This data is accepted for program types of CalPERS and All Judge’s Retirement Systems when transaction type is Appointment Change.</p>	###	3	N/A

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
5	Non-Central Agency Appointment Indicator	<p><b>Description:</b> Indicates if the employer is a non-central agency.</p> <p><b>Conditions:</b> Optional—this element is not required. This data element must be reported in lowercase text only.</p>	true / false	5	
6	Unique Transaction Identifier	<p><b>Description:</b> A memo field to record text for tracking purposes. Employers uploading files can use this field to record a text memo for tracking purposes.</p> <p><b>Conditions:</b> Required—for transaction types when the file is submitted using FTP. Optional—for transaction types when the file is submitted using File Upload.</p> <p><b>Note:</b> When using File Upload this field is not required for successful submission of the file but can be used as a free-text memo field for tracking purposes by the file submitter.  For FTP-based submissions, CalPERS will return the Universally Unique Identifier (UUID) provided by the employer, with each transaction's success or failure. Employers who choose this integration style must be able to programmatically match the UUIDs on the CalPERS response with the transaction submitted to CalPERS on the input file. This number must be created by a UUID generator.</p>	Free form field up to 36 characters	36	N/A

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
7	Leave of Absence Type	<p><b>Description:</b> The participant's leave of absence type.</p> <p><b>Conditions:</b> Required—when transaction type is Begin Leave.</p>	<ul style="list-style-type: none"> <li>• Military Leave = MIL</li> <li>• Industrial Disability Leave = IDL</li> <li>• Non-Industrial Disability Leave = NDL</li> <li>• State Disability Leave = SDL</li> <li>• Sabbatical – Full Pay = SFP</li> <li>• Sabbatical – Partial Pay = SPP</li> <li>• Workers Comp = WC</li> <li>• Family Medical Leave = FML</li> <li>• Educational Leave = EDL</li> <li>• Service Leave = SEL</li> <li>• Maternity/Paternity Leave = MPL</li> <li>• Other Leave = OTL</li> <li>• Unpaid Leave = UNL</li> </ul>	3	N/A
8	Perm Sep Reason	<p><b>Description:</b> The reason for permanent separation.</p> <p><b>Conditions:</b> Required—when transaction type is Perm Sep.</p>	<ul style="list-style-type: none"> <li>• Death = DEA</li> <li>• Layoff = LAY</li> <li>• Termination With Cause = TWC</li> <li>• Retirement = RET</li> <li>• Resigned = QIT</li> <li>• Other = OTH</li> </ul>	3	

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
9	Transaction Effective Date	<p><b>Description:</b> The CalPERS effective date for the specific transaction.</p> <p><b>Conditions:</b> Required—for all transactions types except Member Inquiry.</p> <p><b>Note:</b> This date may differ from the original hire date if it takes time for the employee to meet eligibility requirements for entering membership.</p> <ul style="list-style-type: none"> <li>• For a New Appointment, this date is the date the employer begins reporting contributions for the employee.</li> <li>• For an Appointment Change / Site Change, this is the first day the reported change takes effect.</li> <li>• For Begin Leave, this is the first day the leave of absence begins.</li> <li>• For End Leave, this is the day the leave of absence ends.</li> <li>• For Permanent Separation / Left Bench, this is the day <i>after</i> the last day an employee works for your agency, which is often the day after the last day on payroll.</li> <li>• For New Judge Appointment, this is the first day on the bench.</li> <li>• For Address Change, this is the day the employee's address change is valid.</li> <li>• For Profile Change, this is the day the employee's profile change is valid.</li> </ul>	yyyy-mm-dd	10	

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
10	Deletion Indicator	<p><b>Description:</b> Rescinds a previous transaction.</p> <p><b>Conditions:</b> Optional—this data element is not required.</p> <p><b>Note:</b> The current transaction must have the same set of values as the transaction that should not have occurred. This data element must be reported in lowercase text only.</p>	true / false	5	<p>This can be left blank or completely left off.</p> <p>If included as blank, it must be as follows: &lt;DeletionIndicator&gt;&lt;/DeletionIndicator&gt; OR &lt;DeletionIndicator/&gt;</p>
11	Correction Indicator	<p><b>Description:</b> Corrects a previous transaction.</p> <p><b>Conditions:</b> Optional—this data element is not required.</p> <p><b>Note:</b> The current transaction must provide the updated values for the transaction you are correcting. This data element must be reported in lowercase text only.</p>	true / false	5	<p>This can be left blank or completely left off.</p> <p>If included as blank, it must be as follows: &lt;CorrectionIndicator&gt;&lt;/CorrectionIndicator&gt; OR &lt;CorrectionIndicator/&gt;</p>



#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
12	Prior Transaction Effective Date	<p><b>Description:</b> Changes the effective date of a prior transaction.</p> <p><b>Conditions:</b> Required—when the correction indicator is set to ‘true’ and the transaction effective date from the previous transaction requires correction. This is applicable for transaction types:</p> <ul style="list-style-type: none"> <li>• New appointment</li> <li>• Appointment Change</li> <li>• Begin Leave</li> <li>• End Leave</li> <li>• Permanent Separation</li> <li>• New Judge Appointment</li> </ul> <p><b>Note:</b> To locate the exact transaction you wish to correct, you must enter the effective date (incorrect date) of that transaction.</p>	yyyy-mm-dd	10	
13	New SSN	<p><b>Description:</b> Denotes a correction to the Social Security Number.</p> <p><b>Conditions:</b> Optional—this data element is not required and is only applicable to transaction type Profile Change.</p>	#####	9	

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
14	Original Hire Date	<p><b>Description:</b> The first hire date recorded for this employee at this employer, regardless of whether the original hire led to membership.</p> <p><b>Conditions:</b> Required—when transaction type is New Appointment and first appointment with the employer.</p>	yyyy-mm-dd	10	Only needed if this is the employee's first appointment with the employer (State of California).
15	Appointment Id	<p><b>Description:</b> This uniquely identifies the job into which the employee has been hired. CalPERS will generate and store Appointment IDs for employees at the time of enrollment.</p> <p><b>Conditions:</b> Required—for all transaction types except New Appointment, Profile Change, and Address Change.</p> <p><b>Note:</b> Include this value for New Appointment corrections and deletions.</p>	#####	10	

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
16	Position Code	<p><b>Description:</b> A unique code representing the position title into which the employee has been hired (myCalPERS uses the value entered for Position Code to derive the division that the employee works in).</p> <p><b>Conditions:</b> Optional—this data element is not required.</p> <p><b>Note:</b> This data is accepted for all transaction types except Address Change and Profile Change.</p>	<p>CSU = CSUXXXX STATE = STATEXXXX</p>	10	<p>For BEL and ENL transaction types include it as an empty data element as follows:</p> <pre>&lt;PositionCode source="SCS"&gt; &lt;/PositionCode source="SCS"&gt;</pre> <p>OR</p> <pre>&lt;PositionCode source="SCS"/&gt;</pre>
17	External Position Number	<p><b>Description:</b> A 13-digit Position Number from SCO comprised of Agency (3), Unit (3), Classification (4) and Serial Number (3).</p> <p><b>Conditions:</b> Required—for all transaction types except for Address Change and Profile Change.</p> <p><b>Note:</b> This number is generated by SCO and myCalPERS uses this value as a cross reference between the myCalPERS appointment and the SCO appointment. This field is not always populated in myCalPERS.</p>	XXXXXXXXXXXXX	13	Agency (3), Unit (3), Classification (4) and Serial Number (3).

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
18	Appointment Sequence Number	<p><b>Description:</b> An SCO assigned Sequence Number for appointments. It is a unique identifier of the position title for the employer, generated by the employer.</p> <p><b>Conditions:</b> Required—for all transaction types except for Address Change and Profile Change.</p> <p><b>Note:</b> This field is not always populated in myCalPERS.</p>	XX	2	This number identifies concurrent appointments. It is not unique to the member and can be reused.
19	Member Category	<p><b>Description:</b> The category assigned by the employer when an employee receives an appointment. This is used to determine benefit levels.</p> <p><b>Conditions:</b> Required—when transaction type is New Appointment, Site Change, or Address Change.</p>	<ul style="list-style-type: none"> <li>• State Miscellaneous = SMF</li> <li>• State Industrial = SIF</li> <li>• State Safety = SSF</li> <li>• Peace Officers - Fire Fighters = PFT</li> <li>• California Highway Patrol = CFT</li> <li>• National Guard = NGU</li> </ul> <p><u>LRS Only:</u></p> <ul style="list-style-type: none"> <li>• Statutory Officer = STO</li> <li>• Constitutional Officer = CNO</li> <li>• Senate = SEA</li> <li>• Assembly = ASE</li> </ul>	3	

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
20	Tier	<p><b>Description:</b> The tier assigned by the employer when an employee establishes an appointment.</p> <p><b>Conditions:</b> Required—when transaction type is New Appointment, Site Change, or Address Change.</p>	<ul style="list-style-type: none"> <li>• 1<sup>st</sup> Tier = 1</li> <li>• 2<sup>nd</sup> Tier = 2</li> </ul>	3	
21	Work Calendar	<p><b>Description:</b> The position's yearly work schedule defining the number of months worked versus months paid.</p> <p><b>Conditions:</b> Required—when transaction type is New Appointment, Site Change, or Address Change.</p> <p><b>Note:</b> If work calendar cannot be determined, Work 12/Paid 12 Months should be chosen.</p>	<ul style="list-style-type: none"> <li>• Work 9/Paid 9 Months = 001</li> <li>• Work 9/Paid 10 Months = 002</li> <li>• Work 9/Paid 11 Months = 003</li> <li>• Work 9/Paid 12 Months = 004</li> <li>• Work 10/Paid 10 Months = 005</li> <li>• Work 10/Paid 11 Months = 006</li> <li>• Work 10/Paid 12 Months = 007</li> <li>• Work 11/Paid 11 Months = 008</li> <li>• Work 11/Paid 12 Months = 009</li> <li>• Work 12/Paid 12 Months = 010</li> </ul>	3	
22	CBU	<p><b>Description:</b> The collective bargaining unit representing the participant.</p> <p><b>Conditions:</b> Required—when transaction type is New Appointment, Site Change, or Address Change.</p>	xxxxxxxxxx	10	Although defined as a max 10 this value is typically 3 digits such as "R01."

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
23	Enrollment Reason	<p><b>Description:</b> Reason for enrolling a CalPERS member.</p> <p><b>Conditions:</b> Optional—when the employer is reporting a transaction type for a new appointment a reason should be provided.</p> <p><b>Note:</b> If using Enrollment Reason—Other (OTH) then the field limit can be up to 50 characters.</p>	<ul style="list-style-type: none"> <li>• MEM = Already a member</li> <li>• FTM = Full time for 6 months or more</li> <li>• HTM = At least half time or more for 1 year or longer</li> <li>• THO = Completed 1000 hours in a fiscal year</li> <li>• SEM = Completed two consecutive semesters or 3 consecutive quarters-CSU</li> <li>• ELT = Elected CalPERS membership</li> <li>• OTH = Other</li> </ul>	3	
24	State ARP	<p><b>Description:</b> Indicates whether the participant is enrolled in the State Alternate Retirement Program (ARP).</p> <p><b>Conditions:</b> Required—when transaction type is New Appointment, Site Change, or Address Change.</p> <p><b>Note:</b> This data element must be reported in lowercase text only.</p>	true / false	5	<p>This can be left blank or completely left off.</p> <p>If included as blank it must be as follows: &lt;StateARP&gt;/&lt;/StateARP&gt; OR &lt;StateARP/&gt;</p>

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
25	Date Entered State ARP	<p><b>Description:</b> Indicates whether the participant is enrolled in the State Alternate Retirement Program (ARP).</p> <p><b>Conditions:</b> Required—if State ARP is ‘true’ then the date will be derived by myCalPERS.</p>	N/A	N/A	N/A
26	Optional Member Position	<p><b>Description:</b> Indicates the position a participant holds if they are not required to participate in CalPERS retirement program and have elected to enroll voluntarily.</p> <p><b>Conditions:</b> Optional—this data element is not required.</p> <p><b>Note:</b> This data is accepted for transaction types New Appointment, Site Change, or Address Change.</p>	Other = OTH	3	<p>This field is currently populated with the field value being OTH for other. A sample case is 1644351073.</p> <p>From TLOG these are the cases when the AF Ret Sys Code is 1 and the List Type is ‘O’ then populate with OTH.</p>
27	Optional Date of Entry	<p><b>Description:</b> Indicates the date the participant entered the optional member position.</p> <p><b>Conditions:</b> Optional—this data element is not required.</p> <p><b>Note:</b> This data is accepted for transaction types New Appointment, Site Change, or Address Change.</p>	yyyy-mm-dd	10	<p>This field can be left blank even if the member is identified as having an optional member position code of “OTH” (OTHER).</p>

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
28	Covered by '59 Survivor	<p><b>Description:</b> Indicates the participant has elected 1959 Survivor Benefits coverage.</p> <p><b>Conditions:</b> Optional—this data element is not required.</p> <p><b>Note:</b> This data is accepted when transaction type is New Appointment, Site Change, or Address change; however, cannot be marked 'true' if Covered by SSA is 'true.' If not submitted in the xml the value will default to 'false.' This data element must be reported in lowercase text only.</p>	true / false	5	<p>This can be left blank or completely left off.</p> <p>If included as blank, it must be as follows: &lt;CoveredBy59Survivor&gt;&lt;/CoveredBy59Survivor&gt; OR &lt;CoveredBy59Survivor/&gt;</p>
29	Covered by SSA	<p><b>Description:</b> Indicates the participant is covered by Social Security.</p> <p><b>Conditions:</b> Required—when transaction type is New Appointment, Site Change, or Address change.</p> <p><b>Note:</b> This data element cannot be marked 'true' if Covered by '59 Survivor is 'true.' This data element must be reported in lowercase text only.</p>	true / false	5	<p>This should throw an error if both data elements are set to false</p> <p>This can be left blank or completely left off.</p> <p>If included as blank, it must be as follows: &lt;CoveredBySSA&gt; &lt;/CoveredBySSA&gt; OR &lt;CoveredBySSA/&gt;</p>



#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
30	PLP Participant	<p><b>Description:</b> Indicates the participant has elected to enroll in the Personal Leave Program (PLP).</p> <p><b>Conditions:</b> Required—when transaction type is New Appointment, Site Change, or Address change.</p> <p><b>Note:</b> This data element must be reported in lowercase text only.</p>	true / false	5	<p>This can be left blank or completely left off.</p> <p>If included as blank, it must be as follows: &lt;PLPParticipant&gt;&gt;false &lt;/PLPParticipant&gt; OR &lt;PLPParticipant/&gt;</p>
31	PLP Rates	<p><b>Description:</b> The rate at which the participant earns PLP credit.</p> <p><b>Conditions:</b> Required—if the participant has been enrolled in PLP.</p>	#####.###	9	
32	Exempt Authority	<p><b>Description:</b> Identifies the records that are exempt from civil service.</p> <p><b>Conditions:</b> Required—when transaction type is New Appointment, Site Change, or Address change.</p>	<ul style="list-style-type: none"> <li>• Exempt Authority A = EAA</li> <li>• Exempt Authority B = EAB</li> <li>• Exempt Authority C = EAC</li> <li>• Exempt Authority D = EAD</li> <li>• Exempt Authority E = EAE</li> <li>• Exempt Authority F = EAF</li> <li>• Exempt Authority G = EAG</li> <li>• Exempt Authority H = EAH</li> <li>• Exempt Authority I = EAI</li> <li>• Exempt Authority K = EAK</li> <li>• Exempt Authority L = EAL</li> <li>• Exempt Authority M = EAM</li> <li>• Exempt Authority R = EAR</li> <li>• Exempt Authority S = EAS</li> </ul>	3	

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
33	Court Level	<p><b>Description:</b> The level to which the judge has been elected or appointed, for JRS and JRSII.</p> <p><b>Conditions:</b> Required—when transaction type is New Judge Appointment.</p>	<ul style="list-style-type: none"> <li>• County Superior Court = CSC</li> <li>• California Appellate Court = CAC</li> <li>• California Supreme Court = CSU</li> <li>• Chief Justice = CJU</li> </ul>	3	<ul style="list-style-type: none"> <li>• County Superior Court = 93##</li> <li>• California Appellate Court = 92##</li> <li>• California Supreme Court = 91##</li> <li>• Chief Justice = 91##</li> </ul>
34	County/ District	<p><b>Description:</b> The county in which the Superior Court Judge is serving, or the district in which the Appellate Court Judge is serving.</p> <p><b>Conditions:</b> Required—when transaction type is New Judge Appointment.</p>	For a list of field values, refer to <a href="#">Appendix A3</a>	3	

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
35	Temporary Appointment	<p><b>Description:</b> Identifies the appointment is not a permanent appointment. This is keyed with an A54 transaction code.</p> <p><b>Conditions:</b> Required—when transaction type is New Appointment, Site Change, or Address change.</p> <p><b>Note:</b> This data element must be reported in lowercase text only.</p>	true / false	5	<p>This field will be set to 'true' and provide the temporary appointment separation date provided for A54 transactions. No PSP transaction type will be created for these temporary appointments.</p> <p>These appointments are CSU appointments where the last day worked is populated. The following CalPERSIDs are some examples of these cases: 4961013657 4242277984 1640948228</p> <p>This can be left blank or completely left off.</p> <p>If included as blank, it must be as follows: &lt;TempAppt&gt; &lt;/TempAppot&gt; OR &lt;TempAppt/&gt;</p>

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
36	Temporary Appointment Separation Date	<p><b>Description:</b> Captures the separation date for the temporary appointment.</p> <p><b>Conditions:</b> Required—when a temporary appointment is reported as 'true.'</p>	yyyy-mm-dd	10	
37	Assignment Type	<p><b>Description:</b> Denotes the employment assignment type of either Elected or Appointed.</p> <p><b>Conditions:</b> Required—when transaction type is New Judge Appointment.</p>	<ul style="list-style-type: none"> <li>• Elected = ELE</li> <li>• Appointed = APP</li> </ul>	3	
38	Retired Annuitant	<p><b>Description:</b> Indicates the individual being reported is retired, with qualification to work under a certain limit.</p> <p><b>Conditions:</b> Required—when transaction type is New Appointment, Site Change, or Address Change.</p> <p><b>Note:</b> This data is accepted for transaction type Appointment Change for program type of CalPERS. This data element must be reported in lowercase text only.</p>	true / false	5	

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
39	Retired Annuitant Info Type	<p><b>Description:</b> Indicates the type of retired annuitant.</p> <p><b>Conditions:</b> Recommended—when line 38 (Retired Annuitant) is 'true.'</p>	<ul style="list-style-type: none"> <li>• EHP = Extra Help</li> <li>• FER = FERP</li> <li>• VPS = Vacant Position</li> <li>• ELT = Earnings Limit</li> </ul>	3	
40	180 Day Exception	<p><b>Description:</b> Indicates if a retired annuitant was hired before the mandatory 180 day wait period.</p> <p><b>Conditions:</b> Recommended—when line 38 (Retired Annuitant) is 'true.' This data element must be reported in lowercase text only.</p>	true/false	5	
41	180 Day Exception Reason	<p><b>Description:</b> Indicates the exception reason.</p> <p><b>Conditions:</b> Recommended—when line 40 (180 Day Exception) is 'true.'</p>	<ul style="list-style-type: none"> <li>• AGB = Appointed by Governing Body</li> <li>• FER = CSU-Faculty Early Retirement Program</li> <li>• SAR = Senate or Assembly Rules</li> </ul>	3	
42	Unused Sick Leave	<p><b>Description:</b> The remaining hours of sick leave at the time of separation from employment, as reported by the employer.</p> <p><b>Conditions:</b> Optional—this data element is not required.</p> <p><b>Note:</b> This is only applicable for transaction type Perm Sep. The system will convert hours submitted into days.</p>	#####.###	9	

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
43	Unused Education Leave	<p><b>Description:</b> The remaining hours of educational leave at the time of separation from employment, as reported by the employer.</p> <p><b>Conditions:</b> Optional—this data element is not required.</p> <p><b>Note:</b> This is only applicable for transaction type Perm Sep. The system will convert hours submitted into days.</p>	#####.###	9	
44	Person ID Type	<p><b>Description:</b> A type of unique person identifier. When first reporting for a person, this ID can be a Social Security Number (SSN) or Taxpayer Identification Number (TIN). On all subsequent transactions for the person, the CalPERS ID must be the ID type provided.</p> <p><b>Conditions:</b> Required—to identify the person.</p>	<ul style="list-style-type: none"> <li>• Social Security Number = SSN</li> <li>• Taxpayer Identification Number = TIN</li> <li>• CalPERS Identification = PID</li> </ul>	3	

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
45	Person ID	<p><b>Description:</b></p> <p>The participant’s unique identifier for the identifier type reported.</p> <p><b>Conditions:</b></p> <p>Required—to identify the individual who qualifies for retirement enrollment.</p> <p><b>Note:</b></p> <p>When a Social Security Number (SSN) is selected as the Person ID type, the number should be submitted using the following format:</p> <ul style="list-style-type: none"> <li>• The SSN must be nine digits</li> <li>• The SSN cannot start with 9 or 666</li> <li>• Each section of the SSN cannot be all zeroes (e.g., 000#####, ###00####, and #####0000 are prohibited)</li> </ul> <p>The CalPERS ID, which is 10-digits, will be created and stored by myCalPERS during enrollment, and will be used to identify participants when data is shared with CalPERS. It will be used in place of the SSN in subsequent enrollment files.</p>	<ul style="list-style-type: none"> <li>• ##### (SSN)</li> <li>• ##### (CalPERSID)</li> </ul>	10	

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
46	First Name	<p><b>Description:</b> The participant's first name.</p> <p><b>Conditions:</b> Required—for all transactions types except Member Inquiry.</p> <p><b>Note:</b> Only alpha characters, blank spaces, hyphens (-), and apostrophes (') will be accepted.</p> <ul style="list-style-type: none"> <li>• Must be a minimum of one alpha character</li> <li>• Cannot begin with a blank space</li> </ul>	XXXXXXXXXXXXXXXXXXXX	20	
47	Middle Name	<p><b>Description:</b> The participant's middle name.</p> <p><b>Conditions:</b> Optional—this data element is not required.</p> <p><b>Note:</b> Only alpha characters, blank spaces, hyphens (-), and apostrophes (') will be accepted.</p> <ul style="list-style-type: none"> <li>• No character minimum is required</li> </ul>	XXXXXXXXXXXXXXXXXXXX	20	



#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
48	Last Name	<p><b>Description:</b> The participant's last name.</p> <p><b>Conditions:</b> Required— for all transactions types except Member Inquiry.</p> <p><b>Note:</b> Only alpha characters, blankspaces, hyphens (-), and apostrophes (') will be accepted.</p> <ul style="list-style-type: none"> <li>• Must be a minimum of one alpha character</li> <li>• Cannot begin with a blank space</li> </ul>	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	30	
49	Suffix	<p><b>Description:</b> The participant's suffix, if applicable.</p> <p><b>Conditions:</b> Optional— this data element is not required.</p>	<ul style="list-style-type: none"> <li>• Senior = SR</li> <li>• Junior = JR</li> <li>• I = I</li> <li>• II = II</li> <li>• III = III</li> <li>• IV = IV</li> <li>• V = V</li> <li>• Doctor of Philosophy = PHD</li> <li>• Doctor of Medicine = MD</li> <li>• Certified Public Accountant = CPA</li> <li>• Doctor of Education = EDD</li> <li>• Esquire = ESQ</li> <li>• Doctor of Dental Surgery = DDS</li> </ul>	3	

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
50	Gender	<p><b>Description:</b> The participant's gender identification.</p> <p><b>Conditions:</b> Required—when transaction type is New Appointment or Profile Change.</p>	<ul style="list-style-type: none"> <li>• Female = F</li> <li>• Male = M</li> <li>• Nonbinary = N</li> <li>• Unknown = U</li> </ul>	3	
51	Birth Date	<p><b>Description:</b> The participant's date of birth.</p> <p><b>Conditions:</b> Required—when transaction type is New Appointment, New Judge Appointment, or Profile Change.</p>	yyyy-mm-dd	10	

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
52	Address Type	<p><b>Description:</b></p> <p>The participant’s address type. This will be one of two types, though physical address is preferred.</p> <p><b>Conditions:</b></p> <p>Required—when transaction type is New Appointment, New Judge Appointment, or Address Change.</p>	<ul style="list-style-type: none"> <li>• Mailing Address = MAI</li> <li>• Physical Address = PHY</li> </ul>	3	<ul style="list-style-type: none"> <li>• Mailing Address = 1</li> <li>• Physical Address = 2</li> </ul> <p>Only Mailing Address will be sent from SCO. The mailing address can be populated on the New Appointment (NAP) or not. The NAP will not fail if no address information is supplied.</p> <p>If P.O. Box is submitted in the mailing address and the member does not have a physical address or does not have health eligibility associated to the employer address or has health eligibility tied to the mailing address, then this will fail because a P.O. Box is not accepted in the mailing address field due to health eligibility rules.</p>

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
53	Address 1	<p><b>Description:</b></p> <p>The first address line of the address to be entered. This is typically used for the participant’s street address or “In care of” information.</p> <p><b>Conditions:</b></p> <p>Required—when transaction type is New Appointment or Address Change.</p> <p><b>Note:</b></p> <p>This data element is identified in the XML as &lt;AddressLine&gt; (see CommonUtilities.xsd, in the Technical Toolkit), which can occur up to three times. If entered as &lt;AddressLine1&gt; it will generate a Level 1 error.</p>	Free form text up to 30 characters	30	
54	Address 2	<p><b>Description:</b></p> <p>The second address line. This is typically used for the participant’s street address if Address 1 was used for “In care of” information; otherwise it would be used for address information that does not fit on Address 1 (e.g., suite number, building name, room number, apartment number, etc.).</p> <p><b>Conditions:</b></p> <p>Optional—this data element is not required.</p> <p><b>Note:</b></p> <p>This data is accepted if Address 1 is supplied and applicable to transaction types New Appointment and Address Change.</p>	Free form text up to 30 characters	30	

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
55	City	<p><b>Description:</b> The city applicable to the address entered.</p> <p><b>Conditions:</b> Required— when Address Line 1 is supplied.</p> <p><b>Note:</b> This data is accepted if Address 1 is supplied. This field accepts alpha and numeric characters.</p>	Free form text up to 30 characters	30	If the city is unknown, insert a default value such as “UNK” so the file does not fail level 1 validation.
56	State	<p><b>Description:</b> The code value for the state applicable to the address entered, if country selected is USA or Mexico.</p> <p><b>Conditions:</b> Required— when country is USA or Mexico, and Address 1 is supplied.</p> <p><b>Note:</b> This data is accepted for transaction types New Appointment and New Judge Appointment.</p>	Free form text up to 30 characters  For a list of field values, refer to <a href="#">Appendix A2.</a>	30	If the state is unknown, insert a default value such as “UNK” so the file does not fail level 1 validation.

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
57	ZIP Code 5	<p><b>Description:</b></p> <p>The first five digits of the ZIP code for the address designated in Address Type.</p> <p><b>Conditions:</b></p> <p>Required—when the country is USA and Address 1 is supplied.</p> <p>If the country is USA, the following are required:</p> <ul style="list-style-type: none"> <li>• Use numeric format</li> <li>• The first five numbers of the ZIP code</li> </ul> <p><b>Note:</b></p> <p>This data is accepted for transaction type New Appointment and New Judge Appointment.</p>	#####	5	
58	ZIP Code 4	<p><b>Description:</b></p> <p>The next four digits of the ZIP code or the address designated in Address Type.</p> <p><b>Conditions:</b></p> <p>Optional—this data element is not required.</p> <p><b>Note:</b></p> <p>This data is accepted if ZIP Code 5 is supplied and for transaction types New Appointment, New Judge Appointment, and Address Change.</p>	####	4	

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
59	Country	<p><b>Description:</b> The code value for the country address.</p> <p><b>Conditions:</b> Required—when transaction type is New Appointment or Address Change, or Address 1 is supplied.</p> <p><b>Note:</b> This data is accepted for transaction types New Appointment and New Judge Appointment.</p>	For a list of field values, refer to <a href="#">Appendix A4</a> .	3	
60	Province	<p><b>Description:</b> The province or territory which coincides with the address type.</p> <p><b>Conditions:</b> Required—when country is neither USA nor Mexico and the transaction type is New Appointment or Address Change. Optional—when the country is not USA, Mexico, or Canada.</p> <p><b>Note:</b> This data is accepted for transaction type New Judge Appointment. If country is Canada use one of the code values in the table to the right.</p>	<p>Free form text up to 50 characters</p> <p>For State/Province and Territories code values, refer to <a href="#">Appendix A2</a>.</p> <ul style="list-style-type: none"> <li>• Alberta = AB</li> <li>• British Columbia = BC</li> <li>• Manitoba = MB</li> <li>• New Brunswick = NB</li> <li>• Newfoundland = NF</li> <li>• Northwest Territories = NT</li> <li>• Nova Scotia = NS</li> <li>• Ontario = ON</li> <li>• Prince Edward Island = PE</li> <li>• Quebec = PQ</li> <li>• Saskatchewan = SK</li> <li>• Yukon = YT</li> </ul>	50	

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
61	Postal Code	<p><b>Description:</b> The (alphanumeric) international postal code for the address.</p> <p><b>Conditions:</b> Required—when the country indicated is not USA.</p> <p><b>Note:</b> This data is accepted for transaction types New Appointment, New Judge Appointment, and Address Change.</p>	Free form text up to 12 characters	12	



#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
62	Reciprocal Agency Indicator	<p><b>Description:</b> Designates this participant previously attained membership in a reciprocal retirement system.</p> <p><b>Conditions:</b> Optional—this data element is not required.</p> <p><b>Note:</b> This data element must be reported in lowercase text only.</p>	true / false	5	<p>This can be left blank or completely left off.</p> <p>If included as blank, it must be as follows:</p> <p>&lt;ReciprocalAgencyIndicator&gt;&lt;/ReciprocalAgencyIndicator &gt; OR &lt;/ReciprocalAgencyIndicator &gt;</p> <p>This will be a Level 2 required field in the future meaning that it will need to be populated with “true” or “false” for every record and if it is not the record will fail level.</p>

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
63	Reciprocal Agency CalPERS ID	<p><b>Description:</b></p> <ul style="list-style-type: none"> <li>Identifies the most recent reciprocal retirement system in which the participant attained membership.</li> </ul> <p><b>Conditions:</b></p> <p>Required—when Reciprocal Member Indicator is 'true.'</p> <p>If provided, Reciprocal Member Indicator must be set to 'true.'</p> <p><b>Note:</b></p> <p>The provided CalPERS ID must belong to an agency with a reciprocal agreement in effect on the enrollment eligibility date.</p>	#####	10	
64	Reciprocal Membership Date	<p><b>Description:</b></p> <p>The participant's earliest date of membership in a reciprocal retirement system.</p> <p><b>Conditions:</b></p> <p>Required—when Reciprocal Member Indicator is 'true.'</p>	yyyy-mm-dd	10	
65	Reciprocal Permanent Separation Date	<p><b>Description:</b></p> <p>The participant's most recent separation date from a reciprocal retirement system.</p> <p><b>Conditions:</b></p> <p>Required—when Reciprocal Member Indicator is 'true.'</p> <p>If provided, Reciprocal Member Indicator must be set to 'true.'</p>	yyyy-mm-dd	10	

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
66	Retired Reciprocal Member Indicator	<p><b>Description:</b> Designates this participant previously retired from a reciprocal retirement system.</p> <p><b>Conditions:</b> Required—when Reciprocal Member Indicator is ‘true.’ If provided, Reciprocal Member Indicator must be set to ‘true.’</p> <p><b>Note:</b> This data element must be reported in lowercase text only.</p>	true / false	5	<p>This can be left blank or completely left off.</p> <p>If included as blank, it must be as follows:  <code>&lt;RetiredReciprocalMemberIndicator&gt;&gt;false&lt;/RetiredReciprocalMemberIndicator&gt;</code>  OR  <code>&lt;/RetiredReciprocalMemberIndicator&gt;</code></p>
67	Reciprocal Retirement Date	<p><b>Description:</b> The date the participant retired from a reciprocal retirement system.</p> <p><b>Conditions:</b> Required—when Retired Reciprocal Member Indicator is ‘true’</p>	yyyy-mm-dd	10	
68	Refunded Reciprocal Member Indicator	<p><b>Description:</b> Designates this participant previously refunded from a reciprocal retirement system.</p> <p><b>Conditions:</b> Required—when a reciprocal member has refunded from a previous reciprocal retirement system. If provided, Refunded Reciprocal Member Indicator must be set to ‘true.’</p> <p><b>Note:</b> This data element must be reported in lowercase text only.</p>	true / false	5	<p>This can be left blank or completely left off.</p> <p>If included as blank, it must be as follows:  <code>&lt;RefundedReciprocalMemberIndicator&gt;&gt;false&lt;/RefundedReciprocalMemberIndicator&gt;</code>  OR  <code>&lt;/RefundedReciprocalMemberIndicator&gt;</code></p>

#	DATA ELEMENT NAME	DESCRIPTION/CONDITIONS	FIELD VALUES	MAX LENGTH	ADDITIONAL NOTES
69	Reciprocal Refund Date	<p><b>Description:</b> The participant's most recent refund date from a reciprocal retirement system.</p> <p><b>Conditions:</b> Required—when Refund Reciprocal Member Indicator is 'true.'</p>	yyyy-mm-dd	10	

## Appendix A1 – Transaction Type Descriptions

TRANSACTION TYPE	DESCRIPTION
New Appointment	New employment. This includes a new position that an employee takes with the employer, whether it's the first time employed with the employer, rehiring a person who worked for the employer at one point, or additional employment for a person who is currently employed by the same employer. Transactions should be reported upon reaching eligibility for CalPERS membership. Effective date is the first day of membership.
Appointment Change/ Site Change	A change in employment that is continuous (i.e. with no employment gaps). This transaction could include one or more of the following changes: a move from one site to another, a position or group change. The result of this transaction could result in a benefit change for the employee. Effective date is the first day the changes take effect.
Begin Leave	Indicates the beginning of a leave of absence (e.g. Military Leave). Effective date is the first day of the leave period.
End Leave	Indicates the end of a leave of absence. Effective date is the first day back on the job.
Permanent Separation/ Left Bench	The employee leaves the position with no expectation of returning. This is the day <i>after</i> the last day an employee works for your agency, which is often the day after the last day on payroll.
New Judge Appointment	New employment for State and County judges. Effective date is the first day on the bench.
Address Change	A change to the employee's address. Effective date is the first day that the address is valid.
Profile Change	A change to the employee's profile (name, gender, birth date, SSN). Effective date is the first day that the change is valid.
Membership Inquiry	Transaction used only to query the system as to whether this individual is eligible for CalPERS membership. The person must be a current active member in the system (not in a status of refunded or retired). Eligibility is strictly for the CalPERS program, not JRS, JRS II or LRS.
Site Change	Indicates that the employee has changed their location of work. The employee is still working for the same employer but works at a different division/agency.
Left Bench	The judge leaves the bench with no expectation of returning. Effective date is the day after the last day of employment.

## Appendix A2 – State/Province & Territories Code Values

LONG NAME	CODE VALUE
California	CA
Alabama	AL
Alaska	AK
American Samoa	AS
Arizona	AZ
Arkansas	AR
Armed Forces Europe	AE
Armed Forces Pacific	AP
Armed Forces the Americas	AA
Colorado	CO
Connecticut	CT
Delaware	DE
District of Columbia	DC
Federated States of Micronesia	FM
Florida	FL
Georgia	GA
Guam	GU
Hawaii	HI
Idaho	ID
Illinois	IL
Indiana	IN
Iowa	IA

LONG NAME	CODE VALUE
Kansas	KS
Kentucky	KY
Louisiana	LA
Maine	ME
Marshall Islands	MH
Maryland	MD
Massachusetts	MA
Michigan	MI
Minnesota	MN
Mississippi	MS
Missouri	MO
Montana	MT
Nebraska	NE
Nevada	NV
New Hampshire	NH
New Jersey	NJ
New Mexico	NM
New York	NY
North Carolina	NC
North Dakota	ND
North Mariana Islands	MP
Ohio	OH

LONG NAME	CODE VALUE
Oklahoma	OK
Oregon	OR
Palau	PW
Pennsylvania	PA
Puerto Rico	PR
Rhode Island	RI
South Carolina	SC
South Dakota	SD
Tennessee	TN
Texas	TX
Utah	UT
Vermont	VT
Virgin Islands	VI
Virginia	VA
Washington	WA
West Virginia	WV
Wisconsin	WI
Wyoming	WY
Aguascalientes	AG
Baja California, Norte	BJ
Baja California, Sur	BS
Campeche	CP
Chiapas	CHI
Chihuahua	CI
Coahuila	CU
Colima	CL

LONG NAME	CODE VALUE
Distrito Federal	DF
Durango	DG
Guanajuato	GJ
Guerrero	GR
Hidalgo	HG
Jalisco	JA
Mexico	EM
Michoacan	MH
Morelos	MR
Nayarit	NA
Nuevo Leon	NL
Oaxaca	OA
Puebla	PU
Queretaro	QA
Quintana Roo	QR
San Luis Potosi	SL
Sinaloa	SI
Sonora	SO
Tabasco	TA
Tamaulipas	TM
Tlaxcala	TL
Veracruz	VZ
Yucatan	YC
Zacatecas	ZT

## Appendix A3 – County/District Code Values

LONG NAME	CODE VALUE
1 - Alameda	001
2 - Alpine	003
3 - Amador	005
4 - Butte	007
5 - Calaveras	009
6 - Colusa	011
7 - Contra Costa	013
8 - Del Norte	015
9 - El Dorado	017
10 - Fresno	019
11 - Glenn	021
12 - Humboldt	023
13 - Imperial	025
14 - Inyo	027
15 - Kern	029
16 - Kings	031
17 - Lake	033
18 - Lassen	035
19 - Los Angeles	037
20 - Madera	039
21 - Marin	041
22 - Mariposa	043
23 - Mendocino	045
24 - Merced	047
25 - Modoc	049

LONG NAME	CODE VALUE
26 - Mono	051
27 - Monterey	053
28 - Napa	055
29 - Nevada	057
30 - Orange	059
31 - Placer	061
32 - Plumas	063
33 - Riverside	065
34 - Sacramento	067
35 - San Benito	069
36 - San Bernardino	071
37 - San Diego	073
38 - San Francisco	075
39 - San Joaquin	077
40 - San Luis Obispo	079
41 - San Mateo	081
42 - Santa Barbara	083
43 - Santa Clara	085
44 - Santa Cruz	087
45 - Shasta	089
46 - Sierra	091
47 - Siskiyou	093
48 - Solano	095
49 - Sonoma	097
50 - Stanislaus	099



LONG NAME	CODE VALUE
51 - Sutter	101
52 - Tehama	103
53 - Trinity	105
54 - Tulare	107
55 - Tuolumne	109
56 - Ventura	111
57 - Yolo	113
58 - Yuba	115

LONG NAME	CODE VALUE
Out of State	000
1st District (SF)	100
2nd District (LA)	110
2nd Sub District (Ventura)	117
3rd District (Sac)	120
4th District (San Diego)	130
4th Sub District (Riverside)	131
4th Sub District (Santa Ana)	132
5th District (Fresno)	140
6th District (Santa Clara)	150

## Appendix A4 – Country Code Values

LONG NAME	CODE VALUE
United States	US
Afghanistan	AF
Albania	AL
Algeria	DZ
American Samoa	AS
Andorra	AD
Angola	AO
Anguilla	AI
Antarctica	AQ
Antigua & Barbuda	AG
Argentina	AR
Armenia	AM
Aruba	AW
Australia	AU
Austria	AT
Azerbaijan	AZ
Bahamas	BS
Bahrain	BH
Bangladesh	BD
Barbados	BB
Belarus	BY
Belgium	BE
Belize	BZ
Benin	BJ
Bermuda	BM

LONG NAME	CODE VALUE
Bhutan	BT
Bolivia	BO
Bosnia-Herzegovina	BA
Botswana	BW
Bouvet Island	BV
Brazil	BR
British Indian Ocean Terr	IO
Brunei	BN
Bulgaria	BG
Burkina Faso	BF
Burundi	BI
Cambodia	KH
Cameroon	CM
Canada	CA
Cape Verde	CV
Cayman Islands	KY
Central African Republic	CF
Chad	TD
Chile	CL
China	CN
Christmas Island (Pacific)	CX
Cocos (Keeling) Islands	CC
Colombia	CO
Comoros	KM
Congo	CG

LONG NAME	CODE VALUE
Cook Islands	CK
Costa Rica	CR
Croatia	HR
Cuba	CU
Cyprus	CY
Czech Republic	CZ
Denmark	DK
Djibouti	DJ
Dominica	DM
Dominican Republic	DO
Ecuador	EC
Egypt	EG
El Salvador	SV
Equatorial Guinea	GQ
Eritrea	ER
Estonia	EE
Ethiopia	ET
Falkland Islands	FK
Faroe Islands	FO
Fiji	FJ
Finland	FI
France	FR
French Guiana	GF
French Polynesia	PF
Gabon	GA
Gambia	GM
Georgia	GE

LONG NAME	CODE VALUE
Germany	DE
Ghana	GH
Gibraltar	GI
Greece	GR
Greenland	GL
Grenada	GD
Guadeloupe	GP
Guam	GU
Guatemala	GT
Guernsey	GG
Guinea	GN
Guinea Bissau	GW
Guyana	GY
Haiti	HT
Heard McDonald Islands	HM
Honduras	HN
Hong Kong	HK
Hungary	HU
Iceland	IS
India	IN
Indonesia	ID
Iran	IR
Iraq	IQ
Ireland	IE
Isle of Man	IM
Israel	IL
Italy	IT

LONG NAME	CODE VALUE
Ivory Coast	CI
Jamaica	JM
Jan Mayen	SJ
Japan	JP
Jersey	JE
Jordan	JO
Kazakhstan	KZ
Kenya	KE
Kiribati	KI
Kuwait	KW
Kyrgyzstan	KG
Laos	LA
Latvia	LV
Lebanon	LB
Lesotho	LS
Liberia	LR
Libya	LY
Liechtenstein	LI
Lithuania	LT
Luxembourg	LU
Macau	MO
Macedonia	MK
Madagascar	MG
Malawi	MW
Malaysia	MY
Maldives	MV
Mali	ML

LONG NAME	CODE VALUE
Malta	MT
Marshall Islands	MH
Martinique	MQ
Mauritania	MR
Mauritius	MU
Mayotte	YT
Mexico	MX
Micronesia	FM
Moldova	MD
Monaco	MC
Mongolia	MN
Montenegro	ME
Montserrat	MS
Morocco	MA
Mozambique	MZ
Myanmar	MM
Namibia	NA
Nauru	NR
Nepal	NP
Netherlands	NL
Netherlands Antilles	AN
New Caledonia	NC
New Zealand	NZ
Nicaragua	NI
Niger	NE
Nigeria	NG
Niue	NU

LONG NAME	CODE VALUE
Norfolk Island	NF
North Korea	KP
Northern Mariana Islands	MP
Norway	NO
Oman	OM
Pakistan	PK
Panama	PA
Papua New Guinea	PG
Paraguay	PY
Peru	PE
Philippines	PH
Pitcairn Island	PN
Poland	PL
Portugal	PT
Puerto Rico	PR
Qatar	QA
Republic of South Korea	KR
Reunion	RE
Romania	RO
Russia	RU
Rwanda	RW
San Marino	SM
Sao Tome & Principe	ST
Saudi Arabia	SA
Senegal	SN
Serbia	RS
Seychelles	SC

LONG NAME	CODE VALUE
Sierra Leone	SL
Singapore	SG
Slovakia	SK
Slovenia	SI
Solomon Islands	SB
Somalia	SO
South Africa	ZA
Spain	ES
Sri Lanka	LK
St Helena	SH
St Kitts & Nevis	KN
St Lucia	LC
St Pierre & Miquelon	PM
St Vincent & Grenadines	VC
Sudan	SD
Suriname	SR
Swaziland	SZ
Sweden	SE
Switzerland	CH
Syria	SY
Taiwan	TW
Tajikistan	TJ
Tanzania	TZ
Thailand	TH
The Democratic Republic of the Congo	CD
Togo	TG
Tokelau	TK

LONG NAME	CODE VALUE
Tonga	TO
Trinidad and Tobago	TT
Tunisia	TN
Turkey	TR
Turkmenistan	TM
Turks & Caicos Islands	TC
Tuvalu	TV
Uganda	UG
Ukraine	UA
United Arab Emirates	AE
United Kingdom	GB
Uruguay	UY
Uzbekistan	UZ

LONG NAME	CODE VALUE
Vanuatu	VU
Vatican City	VA
Venezuela	VE
Vietnam	VN
Virgin Islands (British)	VG
Virgin Islands (U.S.)	VI
Wallis & FUTUNA	WF
Western Sahara	EH
Western Samoa	WS
Yemen	YE
Zambia	ZM
Zimbabwe	ZW