

Overview

Sheet	Description
Overview	The current sheet has an overview of the different components of the Document.
Check Specification	Specifications for the Data Quality Checks implemented in the Data Governance framework.
ELF Corroboration v1.4.0	Shows the current list of ELF Codes with an expected minimum level of corroboration.
ELF Funds v1.1	Shows the current list of ELF Codes that are applicable for fund entities.
RA Formats v1.7.7	Shows the current list of regular expressions for chosen Registration Authorities.
RA Funds v1.4.9	Shows the current list of Registration Authorities that are applicable for fund entities.
Sole Proprietor v1.0	Shows the current list of ELF Codes that and their applicability to EntityCategory SOLE_PROPRIETOR.
Placeholders v1.0	Shows the current list of placeholder values that are not allowed.
City Names v1.2.1	List of city names that are expected for a given country, postal code and language.
Postal Codes v1.1	List of covered countries and their associated postal code regex format.
Glossary	Describes specialized technical terms used to define the Data Quality Checks.

Data Governance Check Specification

check_id	version	tag	criterion	context	maturity_level	intention	precondition	condition	expected_check_results	cfi_rules	check_rationale	related_checks
G000237	3.1.0	Report	INTEGRITY		REQUIRED	Ensure correct registration statuses for active entities	* leiEntityStatus IN ["ACTIVE"]	* leiRegistrationStatus SMUTABLE	NOT_APPLICABLE, if leiEntityStatus is INACTIVE or NULL FAIL, if leiEntityStatus is ACTIVE and leiRegistrationStatus is RETIRED, DUPLICATE or ANNULLED PASS, if leiEntityStatus is ACTIVE and leiRegistrationStatus is ISSUED, LAPSED, PENDING_TRANSFER or PENDING_ARCHIVE	/api/LEIRecords/lei/L EIRecord/lei/Registration/lei/R egistrationStatus	IROC policy 'LEI Data File Format 1.0' Chapter 3.5.7 RegistrationStatusEnum Code List" and Appendix 10 State Transition Rules for Common Data File formats chapter "3.24. Entity Status (updated in LEI-CDF 3.0)" (https://www.iroc.org/publications/gli/lei_20140620.pdf)	C000240 C000236
G000239	3.0.0	Report	VALIDITY		REQUIRED	Check ManagingLU equals Originator of the file		* leiManagingLU EQUALS leiFileHeader-Originator	this Check is never NOT_APPLICABLE, that means it is applicable for all LEIs FAIL, if leiFileHeader-Originator and leiManagingLU are not the same PASS, if leiFileHeader-Originator and leiManagingLU are the same	/api/LEIRecords/lei/L EIRecord/lei/Registration/lei/M anagingLU	IROC policy 'LEI Data File Format 1.0' Chapter 3.1 LEI File Header' (https://www.iroc.org/publications/gli/lei_20140620.pdf)	
G000240	3.1.1	Report	INTEGRITY		REQUIRED	Inactive entities have correct registration status	* leiRegistrationStatus NOT IN ["PENDING_TRANSFER","PENDING_ARCHIVE"] * leiEntityStatus IN ["INACTIVE"]	* leiRegistrationStatus IN ["RETIRED"]	NOT_APPLICABLE, if leiEntityStatus is NULL or leiRegistrationStatus PENDING_TRANSFER or PENDING_ARCHIVE FAIL, if leiEntityStatus INACTIVE and leiRegistrationStatus ISSUED, LAPSED, ANNULLED or DUPLICATE PASS, if leiEntityStatus INACTIVE and leiRegistrationStatus RETIRED	/api/LEIRecords/lei/L EIRecord/lei/Registration/lei/R egistrationStatus	IROC policy 'LEI Data File Format 1.0' Chapter 3.5.7 RegistrationStatusEnum Code List" and Appendix 10 State Transition Rules for Common Data File formats chapter "3.24. Entity Status (updated in LEI-CDF 3.0)" (https://www.iroc.org/publications/gli/lei_20140620.pdf)	C000237 C000236
G000243	3.0.3	Report	COMPLETENESS		EXPECTED	Ultimate parent has correct relationship information	* leiRegistrationStatus IN ["ISSUED"] * SCOUNT(\$REPORTED_PARENT_RELATIONSHIPS) == 0 WITH: * rrRelationshipType IN ["IS,_ULTIMATELY,_CONSOLIDATED,_BY"] * rrRegistrationStatus IN ["PUBLISHED", "LAPSED"]	* SCOUNT(\$REPORTED_PARENT_RELATIONSHIPS) == 0 WITH: * rrRegistrationStatus SMUTABLE * SCOUNT(\$REPORTED_EXCEPTIONS) == 1 WITH: * rrRelationshipCategory IN ["DIRECT,_ACCOUNTING,_CONSOLIDATION_PARENT"] * rrExceptionReason IN ["NATURAL_PERSONS", "NON_CONSOLIDATING", "NO_KNOWN_PERSON"] * rrExceptionCategory IN ["EXCEPTION_IN_NATURAL_PERSONS"] * SCOUNT(\$REPORTED_EXCEPTIONS) == 1 WITH: * rrRelationshipCategory IN ["NATURAL_PERSONS", "NON_CONSOLIDATING", "NO_KNOWN_PERSON"] * rrExceptionReason IN ["NATURAL_PERSONS"] * rrExceptionCategory IN ["ULTIMATE_ACCOUNTING_CONSOLIDATION_PARENT"]	NOT_APPLICABLE, if no Reporting Exceptions are included FAIL, if leiRegistrationStatus not ISSUED or LEI record has no ultimate children (leiEntity does not appear in rrRelationships/NodeID) in any relationship record with rrRelationshipType IS,_ULTIMATELY,_CONSOLIDATED,_BY and rrRegistrationStatus PUBLISHED or LAPSED an exception with rrExceptionReason other than NON_CONSOLIDATING, NO_KNOWN_PERSON or NATURAL_PERSONS - no reporting exception per parent - no relationship information at all PASS, if leiRegistrationStatus ISSUED and LEI record has ultimate children and at least one of the following: - an exception with rrExceptionReason PUBLISHED or LAPSED - no reporting exception per parent Note: This check considers all published relationship and exception records regardless of the originator. ## Related Checks - C000291	/api/LEIRecords/lei/L EIRecord/lei/Registration/lei/R egistrationStatus	IROC policy 'Collecting Data on Direct and Ultimate Parents of Legal Entities in the Global LEI System' (https://www.iroc.org/publications/gli/lei_20151003-1.pdf)	C000291
G000244	3.0.1	Report	INTEGRITY		REQUIRED	Reporting exceptions are distinct and without concurrent relationship records	* SCOUNT(\$REPORTED_EXCEPTIONS) > 0	* FOR \$REPORTED_EXCEPTIONS: * rrExceptionCategory UNIQUE * If rrExceptionCategory in ["DIRECT_ACCOUNTING_CONSOLIDATION_PARENT"]: * SCOUNT(\$REPORTED_PARENT_RELATIONSHIPS) == 0 WITH: * rrRegistrationStatus IN ["PUBLISHED", "LAPSED"] * rrRelationshipType IN ["IS,_DIRECTLY,_CONSOLIDATED,_BY"] * If rrExceptionCategory in ["ULTIMATE_ACCOUNTING_CONSOLIDATION_PARENT"]: * SCOUNT(\$REPORTED_PARENT_RELATIONSHIPS) == 0 WITH: * rrRegistrationStatus IN ["PUBLISHED", "LAPSED"] * rrRelationshipType IN ["IS,_ULTIMATELY,_CONSOLIDATED,_BY"]	NOT_APPLICABLE, if no Reporting Exceptions are included FAIL, if multiple Reporting Exceptions of the same reportExceptionCategory are included or if a relationship record with a corresponding rrRelationshipType (direct / ultimate parent) and rrRegistrationStatus Published or more than one such reporting exception exists PASS, if all Reporting Exceptions are unique or reportExceptionCategory is an relationship records of the corresponding rrRelationshipType (if and have rrRegistrationStatus PENDING_TRANSFER, PENDING_ARCHIVE, RETIRED, DUPLICATE or ANNULLED)	/api/LEIRecords/lei/L EIRecord/lei/Registration/lei/R egistrationStatus	IROC policy 'Collecting Data on Direct and Ultimate Parents of Legal Entities in the Global LEI System' (https://www.iroc.org/publications/gli/lei_20151003-1.pdf) State Transition and Validation Rules for Common Data File formats (www.gli.org)	C000245
G000245	3.0.0	Report	CONSISTENCY		REQUIRED	Provide complete, distinct parent information for non-branches	* leiEntityCategory NOT IN ["BRANCH"] * leiRegistrationStatus IN ["ISSUED"]	* FOR \$REPORTED_DIRECT_PARENT_INFO: * SCOUNT(\$REPORTED_EXCEPTIONS) == 1 * OR * SCOUNT(\$REPORTED_PARENT_RELATIONSHIPS) == 1 WITH: * rrRegistrationStatus IN ["PUBLISHED"]	NOT_APPLICABLE, if leiEntityCategory BRANCH or if leiRegistrationStatus LAPSED, PENDING_TRANSFER, PENDING_ARCHIVE, RETIRED, DUPLICATE or ANNULLED FAIL, if leiEntityCategory not BRANCH and leiRegistrationStatus ISSUED and no direct/ultimate parent information or if more than one Reporting Exception or relationship record with rrRegistrationStatus Published or more than one such reporting occurs PASS, if leiEntityCategory not BRANCH and leiRegistrationStatus ISSUED and exactly one direct and one ultimate parent information is reported (either Reporting Exception or relationship record with rrRegistrationStatus PUBLISHED)	/api/LEIRecords/lei/L EIRecord/lei/Registration/lei/R egistrationStatus	IROC policy 'Collecting Data on Direct and Ultimate Parents of Legal Entities in the Global LEI System' (https://www.iroc.org/publications/gli/lei_20151003-1.pdf)	C000244
G000247	3.2.2	Report	CONSISTENCY		EXPECTED	Published relationships point to an appropriate parent	* SCOUNT(\$REPORTED_RELATIONSHIPS) > 0 WITH: * rrRegistrationStatus IN ["PUBLISHED"]	* FOR ALL-APPLICABLE \$REPORTED_RELATIONSHIPS WITH: * leiLEI NOT EQUALS rrEndNode/rr/NodeID: * rrEndNode/rr/NodeID IS VALID * leiRegistrationStatus SMUTABLE * FOR ALL-APPLICABLE \$REPORTED_RELATIONSHIPS WITH: * leiLEI EQUALS rrEndNode/rr/NodeID: * rrRelationshipType IN ["IS_FUND-MANAGED_BY"]	NOT_APPLICABLE, if no relationship record with rrRegistrationStatus Published is included FAIL, if for any relationship with rrRegistrationStatus Published and leiLEI different to rrEndNode/rr/NodeID, the LEI record matching rrEndNode/rr/NodeID does not exist in the Global LEI Repository or has leiRegistrationStatus RETIRED, DUPLICATE or ANNULLED, or if for any relationship with rrRegistrationStatus Published and with leiLEI equals rrEndNode/rr/NodeID, rrRelationshipType is not IS_FUND-MANAGED_BY PASS, if for all relationships with rrRegistrationStatus Published and with leiLEI different to rrEndNode/rr/NodeID, the LEI record exists in the Global LEI Repository and is matching rrEndNode/rr/NodeID, rrRelationshipType is IS_FUND-MANAGED_BY and rrRegistrationStatus Published or PENDING_ARCHIVE, or if all relationships with rrRegistrationStatus Published and with leiLEI equals rrEndNode/rr/NodeID, rrRelationshipType is IS_FUND-MANAGED_BY	/api/LEIRecords/lei/L EIRecord/lei/Registration/lei/R egistrationStatus	IROC policy 'Collecting data on direct and ultimate parents of legal entities in the Global LEI System' (https://www.iroc.org/publications/gli/lei_20151003-1.pdf)	
G000250	3.1.0	Report	CONSISTENCY		REQUIRED	Validation reference is provided for public regulatory filings	* SCOUNT(\$REPORTED_RELATIONSHIPS) > 0 WITH: * rrValidationDocuments IN ["REGULATORY_FILING"] * rrValidationSources IN ["FULLY_CORROBORATED", "PARTIALLY_CORROBORATED"]	* FOR ALL-APPLICABLE \$REPORTED_RELATIONSHIPS: * rrValidationReference ISPRESENT	NOT_APPLICABLE, if no Relationship Record with rrValidationDocuments REGULATORY_FILING and rrValidationSources FULLY_CORROBORATED or PARTIALLY_CORROBORATED included FAIL, if at least one Relationship Record with rrValidationDocuments REGULATORY_FILING and rrValidationSources FULLY_CORROBORATED or PARTIALLY_CORROBORATED included and rrValidationReference is not included PASS, if at least one Relationship Record with rrValidationDocuments REGULATORY_FILING and rrValidationSources FULLY_CORROBORATED or PARTIALLY_CORROBORATED included and rrValidationReference included	/api/LEIRecords/lei/L EIRecord/lei/Registration/lei/R egistrationStatus	Introduced by ROC policy 'Collecting data on direct and ultimate parents of legal entities in the Global LEI System' (https://www.iroc.org/publications/gli/lei_20161003-1.pdf)	

check_id	version	tag	criterion	context	maturity_level	intention	precondition	condition	expected_check_results	cfi_fields	check细则	related_checks
G000316	3.0.0	Report	TIMELESSNESS		REQUIRED	For completed legal entity events, the effective date is present	* !eiLegalEntityEvents \$PRESENT * \$COUNT(\$LEGAL_ENTITY_EVENTS) > 0 WITH: * !eiLegalEntityEvent@event_status IN ['COMPLETED']	FOR ALL-APPLICABLE \$LEGAL_ENTITY_EVENTS: * !eiLegalEntityEvent@event_status \$PRESENT	NOT_APPLICABLE, if no !eiLegalEntityEvent is present or if no !eiLegalEntityEvent with !eiLegalEntityEvent@event_status COMPLETED is present FAIL, if there is at least one !eiLegalEntityEvent with !eiLegalEntityEvent@event_status is COMPLETED for which the !eiLegalEntityEvent@eventDateValue is missing PASS, if for all !eiLegalEntityEvent with !eiLegalEntityEvent@event_status COMPLETED the !eiLegalEntityEvent@eventDateValue is present	!eiLEData/ui/LERecords/ui/L_ERecords/ui/Entity/!eiLegalEntityEvent@eventStatus !eiRecord@event@eventDateValue !eiRecord@event@eventStatus	ROC policy on Legal Entity Events and Data History in the Global LEI System (https://www.leroc.org/publications/gi/roc_20181030-1.pdf)	
G000317	3.0.0	Report	COMPLETENESS		EXCELLENT	Records with complex reverse takeover events contain all required single event items	* !eiRegistrationStatus IN ['ISSUED'] * \$COUNT(\$LEGAL_ENTITY_EVENTS) > 0 WITH: * !eiLegalEntityEvent@group_type IN ['REVERSE_TAKEOVER'] * !eiLegalEntityEvent@event_status IN ['COMPLETED'] * \$COUNT(\$LEGAL_ENTITY_EVENTS) == 0 WITH: * !eiLegalEntityEvent@group_type IN ['REVERSE_TAKEOVER'] * !eiLegalEntityEvent@event_status IN ['WITHDRAWN_CANCELLED']	FOR ALL-APPLICABLE \$LEGAL_ENTITY_EVENTS: * !eiLegalEntityEvent@group_id == \$REFERRER_EVENT !eiLegalEntityEvent@group_id * !eiLegalEntityEvent@event@sequence_no == 1 * !eiLegalEntityEvent@event@status 'COMPLETED' AND !eiLegalEntityEvent@event@status ISUED and there is no !eiLegalEntityEvent@event@status WITHDRAWN_CANCELED * !eiLegalEntityEvent@event@status 'REVERSE_TAKEOVER' AND !eiLegalEntityEvent@event@status ISUED and there is no !eiLegalEntityEvent@event@status WITHDRAWN_CANCELED and there is exactly one !eiLegalEntityEvent with !eiLegalEntityEvent@type MERGERS_AND_ACQUISITIONS * !eiLegalEntityEvent@event@sequence_no == 1 * !eiLegalEntityEvent@event@status 'REVERSE_TAKEOVER' AND !eiLegalEntityEvent@event@status ISUED and there is no !eiLegalEntityEvent@event@status WITHDRAWN_CANCELED and there is exactly one !eiLegalEntityEvent with !eiLegalEntityEvent@type ABSORPTION that has a matching !eiLegalEntityEvent@event@status * !eiLegalEntityEvent@event@sequence_no == 2 * !eiLegalEntityEvent@event@status 'REVERSE_TAKEOVER' AND !eiLegalEntityEvent@event@status ISUED and there is no !eiLegalEntityEvent@event@status WITHDRAWN_CANCELED and there is exactly one !eiLegalEntityEvent with !eiLegalEntityEvent@type ABSORPTION that has a matching !eiLegalEntityEvent@event@status * !eiLegalEntityEvent@event@sequence_no == 3 * !eiLegalEntityEvent@event@status 'REVERSE_TAKEOVER' AND !eiLegalEntityEvent@event@status ISUED and there is no !eiLegalEntityEvent@event@status WITHDRAWN_CANCELED and there is exactly one !eiLegalEntityEvent with !eiLegalEntityEvent@type CHANGE_LEGAL_NAME that has a matching !eiLegalEntityEvent@event@status * !eiLegalEntityEvent@event@sequence_no == 4 * !eiLegalEntityEvent@event@status 'REVERSE_TAKEOVER' AND !eiLegalEntityEvent@event@status ISUED and there is no !eiLegalEntityEvent@event@status WITHDRAWN_CANCELED and there is exactly one !eiLegalEntityEvent with !eiLegalEntityEvent@type ABSORPTION that has a matching !eiLegalEntityEvent@event@status * !eiLegalEntityEvent@event@sequence_no == 5 * !eiLegalEntityEvent@event@status 'REVERSE_TAKEOVER' AND !eiLegalEntityEvent@event@status ISUED and there is no !eiLegalEntityEvent@event@status WITHDRAWN_CANCELED and there is exactly one !eiLegalEntityEvent with !eiLegalEntityEvent@type CHANGE_LEGAL_NAME that has a matching !eiLegalEntityEvent@event@status	NOT_APPLICABLE, if there is no legal entity event with !eiLegalEntityEvent@group_type REVERSE_TAKEOVER, !eiLegalEntityEvent@event@status ISUED or if there is at least one legal entity event with !eiLegalEntityEvent@group_type REVERSE_TAKEOVER, !eiLegalEntityEvent@event@status ISUED and there is no !eiLegalEntityEvent@event@status WITHDRAWN_CANCELED and there is exactly one !eiLegalEntityEvent with !eiLegalEntityEvent@type MERGERS_AND_ACQUISITIONS that has a matching !eiLegalEntityEvent@event@status FAIL, if there is at least one legal entity event with !eiLegalEntityEvent@group_type REVERSE_TAKEOVER, !eiLegalEntityEvent@event@status ISUED and there is no !eiLegalEntityEvent@event@status WITHDRAWN_CANCELED and there is not exactly one !eiLegalEntityEvent with !eiLegalEntityEvent@type MERGERS_AND_ACQUISITIONS that has a matching !eiLegalEntityEvent@event@status * !eiLegalEntityEvent@event@sequence_no == 1 * !eiLegalEntityEvent@event@status 'REVERSE_TAKEOVER' AND !eiLegalEntityEvent@event@status ISUED and there is no !eiLegalEntityEvent@event@status WITHDRAWN_CANCELED and there is exactly one !eiLegalEntityEvent with !eiLegalEntityEvent@type ABSORPTION that has a matching !eiLegalEntityEvent@event@status * !eiLegalEntityEvent@event@sequence_no == 2 * !eiLegalEntityEvent@event@status 'REVERSE_TAKEOVER' AND !eiLegalEntityEvent@event@status ISUED and there is no !eiLegalEntityEvent@event@status WITHDRAWN_CANCELED and there is exactly one !eiLegalEntityEvent with !eiLegalEntityEvent@type ABSORPTION that has a matching !eiLegalEntityEvent@event@status * !eiLegalEntityEvent@event@sequence_no == 3 * !eiLegalEntityEvent@event@status 'REVERSE_TAKEOVER' AND !eiLegalEntityEvent@event@status ISUED and there is no !eiLegalEntityEvent@event@status WITHDRAWN_CANCELED and there is exactly one !eiLegalEntityEvent with !eiLegalEntityEvent@type CHANGE_LEGAL_NAME that has a matching !eiLegalEntityEvent@event@status * !eiLegalEntityEvent@event@sequence_no == 4 * !eiLegalEntityEvent@event@status 'REVERSE_TAKEOVER' AND !eiLegalEntityEvent@event@status ISUED and there is no !eiLegalEntityEvent@event@status WITHDRAWN_CANCELED and there is exactly one !eiLegalEntityEvent with !eiLegalEntityEvent@type ABSORPTION that has a matching !eiLegalEntityEvent@event@status * !eiLegalEntityEvent@event@sequence_no == 5 * !eiLegalEntityEvent@event@status 'REVERSE_TAKEOVER' AND !eiLegalEntityEvent@event@status ISUED and there is no !eiLegalEntityEvent@event@status WITHDRAWN_CANCELED and there is exactly one !eiLegalEntityEvent with !eiLegalEntityEvent@type CHANGE_LEGAL_NAME that has a matching !eiLegalEntityEvent@event@status	!eiLEData/ui/LERecords/ui/L_ERecords/ui/Entity/!eiLegalEntityEvent@eventStatus !eiRecord@event@eventDateValue !eiRecord@event@eventStatus	State Transition and Validation Rules for Common Data File Formats Chapter '4.13.20 Legal Entity Event Reverse Takeover' (www.glef.org)	
G000320	3.1.0	Report	PROVENANCE		EXPECTED	Corresponding Legal Entity Events lead to retired registration status	* !eiRegistrationStatus NOT IN ['ANNULLED', 'DUPLICATE', 'PENDING_TRANSFER', 'PENDING_ARCHIVAL'] * \$COUNT(\$LEGAL_ENTITY_EVENTS) > 0 WITH: * !eiLegalEntityEvent@type IN ['DISSOLUTION', 'LIQUIDATION'] * !eiLegalEntityEvent@event_status IN ['COMPLETED']	* !eiRegistrationStatus IN ['RETIRED'] OR * FOR ALL-APPLICABLE \$LEGAL_ENTITY_EVENTS: * !eiLegalEntityEvent@status 'COMPLETED' AND !eiLegalEntityEvent@status ISUED and there is no !eiLegalEntityEvent@status RETIRED and there is no !eiLegalEntityEvent@status PENDING_TRANSFER or !eiLegalEntityEvent@status PENDING_ARCHIVAL * !eiLegalEntityEvent@event@status 'COMPLETED' AND !eiLegalEntityEvent@event@status ISUED and there is no !eiLegalEntityEvent@event@status RETIRED and there is no !eiLegalEntityEvent@event@status PENDING_TRANSFER or !eiLegalEntityEvent@event@status PENDING_ARCHIVAL * !eiValidationDocuments == \$REFERRER_EVENT !eiValidationDocuments@DATE_PART * !eiValidationDocuments@type == \$REFERRER_EVENT !eiValidationDocuments@eventType	NOT_APPLICABLE, if !eiRegistrationStatus is ANNULLED, DUPLICATE, PENDING_TRANSFER or PENDING_ARCHIVAL, or if no legal entity event of !eiRegistrationStatus is RETIRED and there is no !eiValidationDocuments@DATE_PART present FAIL, if !eiValidationDocuments@type is PENDING_TRANSFER or PENDING_ARCHIVAL and !eiValidationDocuments@eventType is !eiValidationDocuments@event@type * !eiValidationDocuments@type is !eiValidationDocuments@event@type and !eiValidationDocuments@event@status is !eiValidationDocuments@status * !eiValidationDocuments@type is !eiValidationDocuments@event@type and !eiValidationDocuments@event@status is !eiValidationDocuments@status * !eiValidationDocuments@type is !eiValidationDocuments@event@type and !eiValidationDocuments@event@status is !eiValidationDocuments@status Note: rare cases where a completed event in scope will be annulled via another legal entity event item with status for canceling out of scope and will return be annotated with !eiValidationDocuments@event@status	!eiLEData/ui/LERecords/ui/L_ERecords/ui/Entity/!eiValidationDocuments@DATE_PART !eiRecord@ValidationDocuments@event@status	State Transition and Validation Rules for Common Data File Formats Chapter '2.3.2. Changes in Registration Status due to Legal Entity Events' (www.glef.org)	
G000321	3.0.0	Report	ACCESSIBILITY		EXPECTED	Ensure deprecated fields for associated entity are not present	* !eiAssociatedEntity NOT \$PRESENT	FAIL, if !eiAssociatedEntity \$PRESENT PASS, if !eiAssociatedEntity NOT \$PRESENT	!eiLEData/ui/LERecords/ui/L_ERecords/ui/Entity/!eiAssociatedEntity	State Transition and Validation Rules for Common Data File Formats Chapter '3.67. Associated Entity – DEPRECATED' (www.glef.org)		
G000322	3.1.0	Report	ACCURACY		EXCELLENT	Records with legal form of a fund must be categorized as funds	* !eiEntityTypeFormCode IN ['SELF_FUND_LIST'] * !eiRegistrationStatus SMUTABLE	* !eiEntityTypeCategory IN ['FUND']	NOT_APPLICABLE, if !eiRegistrationStatus not SMUTABLE or !eiEntityTypeFormCode not in SELF_FUND_LIST FAIL, if !eiRegistrationStatus SMUTABLE and !eiEntityTypeFormCode in SELF_FUND_LIST and !eiEntityTypeCategory not FUND PASS, if !eiRegistrationStatus SMUTABLE and !eiEntityTypeFormCode in SELF_FUND_LIST and !eiEntityTypeCategory FUND	!eiLEData/ui/LERecords/ui/L_ERecords/ui/Entity/!eiEntityTypeCategory !eiRecord@RegistrationStatus@status	ROC policy on Fund Relationships (https://www.leroc.org/publications/gi/roc_20190520-1.pdf) State Transition and Validation Rules for Common Data File Formats Chapter '4.3. Issue New LEI Fund' (www.glef.org)	
G000323	3.4.8	Report	ACCURACY		EXCELLENT	The validation authority of a fund must be applicable for funds	* !eiValidationAuthorityId \$PRESENT * !eiValidationAuthorityId NOT IN ['RA888888', 'RA999999'] * !eiRegistrationStatus SMUTABLE * !eiEntityTypeCategory IN ['FUND'] * !eiLegalJurisdiction \$COUNTRY_PART IN SRA_FUND_LIST_v4.9/Country_Code WITH: * SRA_FUND_LIST_v4.9/v4.9/ValidationAuthority == 'yes'	* !eiValidationAuthorityId IN \$RAA_FUND_LIST_v4.9/registration_Authority_Code WITH: * !RAA_FUND_LIST_v4.9/v4.9/v4.9/ValidationAuthority == 'yes'	NOT_APPLICABLE, if !eiValidationAuthorityId or !eiValidationAuthorityCode not in \$RAA_FUND_LIST_v4.9/registration_Authority_Code with !RAA_FUND_LIST_v4.9/v4.9/v4.9/ValidationAuthority not present or !eiValidationAuthorityId not RAA_FUND_LIST_v4.9/v4.9/v4.9/ValidationAuthority FAIL, if !eiValidationAuthorityId SMUTABLE and !eiValidationAuthorityCode in \$RAA_FUND_LIST_v4.9/registration_Authority_Code with !RAA_FUND_LIST_v4.9/v4.9/v4.9/ValidationAuthority == 'yes' and !eiValidationAuthorityId has not SRA_FUND_LIST_v4.9/v4.9/v4.9/ValidationAuthority == 'yes' PASS, if !eiValidationAuthorityId SMUTABLE, in !eiValidationAuthorityCode with !RAA_FUND_LIST_v4.9/v4.9/v4.9/ValidationAuthority == 'yes' and !eiValidationAuthorityId has SRA_FUND_LIST_v4.9/v4.9/v4.9/ValidationAuthority == 'yes' and !eiValidationAuthorityId has !RAA_FUND_LIST_v4.9/v4.9/v4.9/ValidationAuthority == 'yes'	!eiLEData/ui/LERecords/ui/L_ERecords/ui/Entity/!eiValidationAuthorityId !eiRecord@ValidationAuthority@status	ROC policy on Fund Relationships (https://www.leroc.org/publications/gi/roc_20190520-1.pdf) State Transition and Validation Rules for Common Data File Formats Chapter '4.3. Issue New LEI Fund' (www.glef.org)	
G000326	3.0.0	Report	CONSISTENCY		REQUIRED	Ensure relationships with status NULL have an appropriate registration status	* \$COUNT(\$REPORTED_RELATIONSHIPS) > 0 WITH: * !rRelationshipStatus IN ['NULL'] * !rRelationshipStatus NOT IN ['PENDING_TRANSFER', 'PENDING_ARCHIVAL']	* If !eiEntityCategory IN ['FUND']: * !rRelationshipStatus IN ['DRAFT', 'ANNULLED', 'PUBLISHED'] * If !eiEntityCategory NOT IN ['FUND']: * !rRelationshipStatus IN ['DRAFT', 'ANNULLED']	NOT_APPLICABLE, if relationship has !rRelationshipStatus ACTIVE or INACTIVE or if !rRelationshipStatus is NULL and !rRelationshipStatus is PENDING_TRANSFER or PENDING_ARCHIVAL FAIL, if any relationship record with !rRelationshipStatus NULL has !rRelationshipStatus DRAFT, RETIRED or !rRelationshipStatus PUBLISHED, KEPT or !rRelationshipStatus PUBLISHED, KEPT for a child record with !rRelationshipStatus NULL has !rRelationshipStatus PUBLISHED, KEPT or !rRelationshipStatus PUBLISHED, KEPT for a child record with !rRelationshipStatus FUND PASS, if all relationship records for a record with !eiEntityCategory FUND with !rRelationshipStatus NULL have !rRelationshipStatus PUBLISHED, DUPLICATE or ANNULLED, or if all relationship records for a record with !eiEntityCategory not FUND with !rRelationshipStatus NULL have !rRelationshipStatus PUBLISHED, DUPLICATE or ANNULLED	!eiRelationships@relation@status !eiRecord@Relationship@status	State Transition and Validation Rules for Common Data File Formats Chapter '3.24. Entity Status (updated LEI-CDP 3.0)' (www.glef.org)	C000237
G000327	3.0.0	Report	ACCESSIBILITY		REQUIRED	Entity's expiration date and expiration reason are not populated	* !eiEntityExpirationDate NOT \$PRESENT * !eiEntityExpirationReason NOT \$PRESENT	FAL, if either !eiEntityExpirationDate or !eiEntityExpirationReason is populated PASS, if neither !eiEntityExpirationDate nor !eiEntityExpirationReason is populated	!eiLEData/ui/LERecords/ui/L_ERecords/ui/Entity/!eiEntityExpirationDate !eiRecord@Entity/!eiEntityExpirationReason@status	State Transition and Validation Rules for Common Data File Formats Chapters '3.68. Entity Expiration Date (DEPRECATED)' and '3.69. Entity Expiration Reason – DEPRECATED' (www.glef.org)	C000321	
G000330	3.1.0	Report	COMPREHENSIVENESS		REQUIRED	Retired record has corresponding legal entity event	* !eiRegistrationStatus IN ['RETIRED']	* !eiLegalEntityEvent@type IN ['LIQUIDATION', 'INSOLVENCY', 'DISSOLUTION', 'MERGERS_AND_ACQUISITIONS', 'BANKRUPTCY', 'ABSORPTION', 'ACQUISITION_BRANCH', 'BREAKUP', 'TRANSFORMATION_BRANCH_TO_SUBSIDIARY', 'CHANGE_LEGAL_FORM'] WITH: * !event_status IN ['COMPLETED']	NOT_APPLICABLE, if !eiRegistrationStatus is ISSUED, LAPSED, PENDING_TRANSFER, PENDING_ARCHIVAL, ANNULLED or DUPLICATE FAIL, if !eiRegistrationStatus is RETIRED and !eiLegalEntityEvent@type is not LIQUIDATION, INSOLVENCY, DISSOLUTION, MERGERS_AND_ACQUISITIONS, BANKRUPTCY, ABSORPTION, ACQUISITION_BRANCH, BREAKUP, TRANSFORMATION_BRANCH_TO_SIBIDIARY or CHANGE_LEGAL_FORM with !event_status COMPLETED PASS, if !eiRegistrationStatus is RETIRED and !eiLegalEntityEvent@type is LIQUIDATION, INSOLVENCY, DISSOLUTION, MERGERS_AND_ACQUISITIONS, BANKRUPTCY, ABSORPTION, ACQUISITION_BRANCH, BREAKUP, TRANSFORMATION_BRANCH_TO_SIBIDIARY or CHANGE_LEGAL_FORM with !event_status COMPLETED	!eiLEData/ui/LERecords/ui/L_ERecords/ui/Entity/!eiRegistrationStatus !eiRecord@LegalEntityEvent@eventType !eiRecord@event@status	ROC policy on Legal Entity Events and Data History in the Global LEI System (https://www.leroc.org/publications/gi/roc_20181030-1.pdf) State Transition and Validation Rules for Common Data File Formats Chapter '2.3.2. Changes in Registration Status due to Legal Entity Events' (www.glef.org)	

check_id	version	tag	criterion	context	maturity_level	intention	precondition	condition	expected_check_results	cfi_rules	check_rationale	related_checks
G000349	3.1.2	Report	ACCESSIBILITY		EXPECTED	Authoritative Source Check for OtherValidationAuthorities	* leiRegistrationStatus IN ['ISSUED'] * leiEntityCategory NOT IN ['FUND'] * leiOtherValidationAuthority/leiValidationAuthority/entryId SPRESENT * leiOtherValidationAuthority/leiValidationAuthority/entryId NOT IN SCASE_NOUNSENSE[PLACEHOLDER_LIST] * leiOtherValidationAuthority/leiValidationAuthority/entryId NOT CONSISTING-ONLY-OF-PUNCTUATION_CHARACTER * leiOtherValidationAuthority/leiValidationAuthority/entryId NOT IN ['PA777777', 'KA8888', 'RA99999', 'RA00018', 'RA00029', 'RA00397', 'RA0054', 'RA00704', 'RA00711', 'RA00712', 'RA00722', 'RA00725', 'RA00727', 'RA00731', 'RA00732', 'RA00733', 'RA00734', 'RA00735', 'RA00736', 'RA00737', 'RA00738', 'RA00739', 'RA00740', 'RA00741', 'RA00742', 'RA00743', 'RA00744', 'RA00745', 'RA00746', 'RA00747', 'RA00748', 'RA00749', 'RA00750', 'RA00751', 'RA00752', 'RA00753', 'RA00754', 'RA00755', 'RA00756', 'RA00757']	FOR ALL-APPLICABLE leiOtherValidationAuthority: * leiRegistrationAuthority/entryId NOT PRESENT * leiOtherValidationAuthority/leiValidationAuthority/entryId NOT PRESENT * leiOtherValidationAuthority/leiValidationAuthority/entryId NOT IN SCASE_NOUNSENSE[PLACEHOLDER_LIST] * leiOtherValidationAuthority/leiValidationAuthority/entryId NOT CONSISTING-ONLY-OF-PUNCTUATION_CHARACTER * leiOtherValidationAuthority/leiValidationAuthority/entryId NOT IN ['PA777777', 'KA8888', 'RA99999', 'RA00018', 'RA00029', 'RA00397', 'RA0054', 'RA00704', 'RA00711', 'RA00712', 'RA00722', 'RA00725', 'RA00727', 'RA00731', 'RA00732', 'RA00733', 'RA00734', 'RA00735', 'RA00736', 'RA00737', 'RA00738', 'RA00739', 'RA00740', 'RA00741', 'RA00742', 'RA00743', 'RA00744', 'RA00745', 'RA00746', 'RA00747', 'RA00748', 'RA00749', 'RA00750', 'RA00751', 'RA00752', 'RA00753', 'RA00754', 'RA00755', 'RA00756', 'RA00757']	NOT_APPLICABLE, if leiRegistrationStatus is not ISSUED or leiEntityCategory is FUND or leiOtherValidationAuthority/leiValidationAuthority/entryId is not present or leiOtherValidationAuthority/leiValidationAuthority/entryId is one of the RA codes mentioned in the precondition FAI, if leiRegistrationStatus is ISSUED and the entryId is not FUND and leiOtherValidationAuthority/leiValidationAuthority/entryId is not present PAS, if leiRegistrationStatus is ISSUED and the entryId is not FUND and leiOtherValidationAuthority/leiValidationAuthority/entryId is not one the register mentioned in the precondition and if the leiOtherValidationAuthority/leiValidationAuthority/entryId is missing or a placeholder value or consists only of punctuation characters Note: Placeholder values are NOT AVAILABLE, 'NA', 'N/A', 'N/A', 'N/V', 'N/V', 'EMENTO', 'EMENTA', 'NO SUETO', 'Q' - case-insensitive ## Related Checks - C000310 - C000348	/ei/LEIData/lei/LEIRecords/lei/StateTransitionAndValidationRulesForCommonDataFileFormats Chapter'3.46.Validation Authority Entity ID'(www.glef.org)	C000348	
G000350	3.0.3	Report	ACCESSIBILITY		EXCELLENT	No local identifier is provided when authoritative source does not provide any identifier	* leiRegistrationStatus IN ['ISSUED'] * leiRegistrationAuthority/entryId SPRESENT * leiRegistrationAuthority/entryId NOT PRESENT * leiRegistrationAuthority/entryId NOT IN ['RA99999', 'RA000397', 'RA000704', 'RA000712', 'RA000722', 'RA000725', 'RA000727', 'RA000731', 'RA000732', 'RA000733', 'RA000734', 'RA000741', 'RA000742', 'RA000743', 'RA000745', 'RA000746', 'RA000747', 'RA000748', 'RA000749', 'RA000750', 'RA000751']	* leiRegistrationAuthority/entryId NOT PRESENT	NOT_APPLICABLE, if leiRegistrationStatus is not ISSUED, leiRegistrationAuthority/entryId is not present or if leiRegistrationAuthority/entryId is not one of the RA codes mentioned in the precondition FAI, if leiRegistrationStatus is ISSUED, leiRegistrationAuthority/entryId is present and leiRegistrationAuthority/entryId is present PAS, if leiRegistrationStatus is ISSUED, leiRegistrationAuthority/entryId is present and leiRegistrationAuthority/entryId is not present	/ei/LEIData/lei/LEIRecords/lei/StateTransitionAndValidationRulesForCommonDataFileFormats Chapter'3.20.Registration Authority Entity ID'(www.glef.org)	C000310	
G000351	3.5.0	Report	VALIDITY		REQUIRED	Appropriate code in headquarters address region	* leiHeadquartersAddress/leiRegion SPRESENT * leiHeadquartersAddress/leiRegion SMUTABLE	* leiHeadquartersAddress/leiRegion IN SSO_3166_2	NOT_APPLICABLE, if leiHeadquartersAddress/leiRegion is not present or leiRegistrationStatus is RETIRED, DUPLICATE or ANNULLED FAI, if leiRegistrationStatus is ISSUED, LAPSED, PENDING, TRANSFER or PENDING, ARCHIVAL and leiHeadquartersAddress/leiRegion included and not a sub-division code from the ISO 3166-2 code list PAS, if leiRegistrationStatus is ISSUED, LAPSED, PENDING, TRANSFER or PENDING, ARCHIVAL and leiHeadquartersAddress/leiRegion included and a sub-division code from the ISO 3166-2 code list	/ei/LEIData/lei/LEIRecords/lei/ROC policy 'LEI Data File Format 1.0' Chapter'3.12.RegionCode Data Type'(https://www.leiroc.org/publications/gli/ou_20140620.pdf)	C000075	
G000352	3.0.0	Report	VALIDITY		REQUIRED	Appropriate code in headquarters address country	* leiHeadquartersAddress/leiCountry IN ['XK', 'SI0_3166_1_ALPHA_2']	* leiHeadquartersAddress/leiCountry IN ['XK', 'SI0_3166_1_ALPHA_2']	NOT_APPLICABLE, if leiHeadquartersAddress/leiCountry is not RETIRED, DUPLICATED or ANNULLED FAI, if leiRegistrationStatus is ISSUED, LAPSED, PENDING, TRANSFER or PENDING, ARCHIVAL and leiHeadquartersAddress/leiCountry included in alpha-2 format PAS, if leiRegistrationStatus is ISSUED, LAPSED, PENDING, TRANSFER or PENDING, ARCHIVAL and leiHeadquartersAddress/leiCountry is listed in the ISO 3166-1 country code list alpha-2 format with status officially-assigned (CSV file) or 'XK'	/ei/LEIData/lei/LEIRecords/lei/ROC policy 'LEI Data File Format 1.0' Chapter'3.12.RegionCode Data Type'(https://www.leiroc.org/publications/gli/ou_20140620.pdf)	C000352	
G000353	3.0.0	Report	UNIQUENESS		REQUIRED	There is only one single instance of type relationship per period relationship	* COUNT[REPORTED_RELATIONSHIPS] > 1 WITH: * rrPeriodType IN ['RELATIONSHIP_PERIOD']	* FOR ALL-APPLICABLE REPORTED_RELATIONSHIPS: * COUNT[rrRelationships/period] == 1 WITH: * rrPeriodType IN ['RELATIONSHIP_PERIOD']	NOT_APPLICABLE, if no relationship with rrPeriodType RELATIONSHIP_PERIOD is present FAI, at least one relationship with more than one rrPeriodType with RELATIONSHIP_PERIOD is present PAS, if all applicable relationships have exactly one rrPeriodType with RELATIONSHIP_PERIOD is present	/ei/RelationshipsData/rrRelationshipRecords/rrRelationships/rrRelationships/rrRelationshipPeriod'(www.glef.org)	State Transition and Validation Rules for Common Data File Formats Chapter'3.51.Relationship Period'	
G000355	3.0.0	Report	TIMELESSNESS		EXPECTED	Entity creation date is plausible	* leiEntityCategory NOT IN ['FUND'] * leiEntityCreationDate SPRESENT	* leiEntityCreationDate + TIME_INTERVAL[30 D] >= leiEntityCreationDate	NOT_APPLICABLE, if leiEntityCreationDate is missing or if leiEntityCategory is FUND FAI, if leiEntityCreationDate is populated and if leiEntityCategory is not FUND and the leiEntityCreationDate is larger than leiEntityCreationDate plus 30 days PAS, if leiEntityCreationDate is populated and if leiEntityCategory is not FUND and the leiEntityCreationDate is smaller than leiEntityCreationDate plus 30 days	/ei/LEIData/lei/LEIHeader/lei/Co/atribute'(www.glef.org)	State Transition and Validation Rules for Common Data File Formats Chapter'3.25.Entity Creation Date'	
G000356	3.0.0	Report	PROVENANCE		EXCELLENT	Plausible entity creation date for funds in formation	* leiEntityCreationDate NOT SPRESENT * leiNextNewDate >= DATEETIME['2023-06-01T00:00:00+00:00'] * OR * leiInitialRegistrationDate >= DATETIME['2022-04-01T00:00:00+00:00']	* leiEntityStatus IN ['NULL'] * leiEntityCategory IN ['FUND']	NOT_APPLICABLE, if the LEI record has leiInitialRegistrationDate before 2022-04-01T00:00:00+00:00 and if leiNextNewDate is before 2023-05-01T00:00:00+00:00 or if the leiEntityCategory is included in the precondition FAI, if LEI record has leiInitialRegistrationDate after 2022-04-01T00:00:00+00:00 or leiNextNewDate is after 2023-05-01T00:00:00+00:00 and if the leiEntityCategory is missing and leiEntityStatus is not NULL and leiEntityCategory is not FUND PAS, if LEI record has leiInitialRegistrationDate after 2022-04-01T00:00:00+00:00 or if leiNextNewDate is after 2023-05-01T00:00:00+00:00 and if the leiEntityCategory is missing and leiEntityStatus is NULL and leiEntityCategory is FUND Note: The date used in the precondition was selected as the date, when LEI-CDF 3.1 becomes effective ## Related Checks - C000315 - C000355	/ei/LEIData/lei/LEIRecords/lei/StateTransitionAndValidationRulesForCommonDataFileFormats Chapter'3.25.Entity Creation Date'(www.glef.org)	C000315	
G000359	3.0.0	Report	VALIDITY		EXPECTED	Ensure plausible usage of entity subcategories values for government entities	* leiEntitySubCategory SPRESENT * leiEntitySubCategory IN ['CENTRAL_GOVERNMENT', 'STATE_GOVERNMENT', 'LOCAL_GOVERNMENT', 'SOCIAL_SECURITY']	* leiEntityCategory IN ['RESIDENT_GOVERNMENT_ENTITY']	NOT_APPLICABLE, if leiEntitySubCategory is not provided or if the leiEntitySubCategory value is different from CENTRAL_GOVERNMENT, STATE_GOVERNMENT, LOCAL_GOVERNMENT or SOCIAL_SECURITY FAI, if leiEntitySubCategory is provided and if the leiEntitySubCategory value is CENTRAL_GOVERNMENT, STATE_GOVERNMENT, LOCAL_GOVERNMENT or SOCIAL_SECURITY and leiEntityCategory is not RESIDENT_GOVERNMENT_ENTITY PAS, if leiEntitySubCategory is provided and if the leiEntitySubCategory value is CENTRAL_GOVERNMENT, STATE_GOVERNMENT, LOCAL_GOVERNMENT or SOCIAL_SECURITY and leiEntityCategory is RESIDENT_GOVERNMENT_ENTITY	/ei/LEIData/lei/LEIRecords/lei/EntityCategory/leiEntityCategory'(www.glef.org)	ROC policy on General Government Entities (https://www.leiroc.org/publications/gli/roc_20201229.pdf)	
G000360	3.0.0	Report	INTEGRITY		REQUIRED	Appropriate usage of government accounting standard	* COUNT[REPORTED_PARENT_RELATIONSHIPS] > 0 WITH: * rrQualifierCategory IN ['GOVERNMENT_ACCOUNTING_STANDARD'] * rrRegistrationStatus IN ['PUBLISHED', 'LAPSED', 'RETIRED']	* leiEntityCategory IN ['RESIDENT_GOVERNMENT_ENTITY', 'INTERNATIONAL_ORGANIZATION']	NOT_APPLICABLE, if there are no parent relationships with rrQualifierCategory GOVERNMENT_ACCOUNTING_STANDARD FAI, if record has at least one parent relationship with rrQualifierCategory GOVERNMENT_ACCOUNTING_STANDARD and the leiEntityCategory is neither RESIDENT_GOVERNMENT_ENTITY nor INTERNATIONAL_ORGANIZATION PAS, if record has at least one parent relationship with rrQualifierCategory GOVERNMENT_ACCOUNTING_STANDARD and the leiEntityCategory is either RESIDENT_GOVERNMENT_ENTITY or INTERNATIONAL_ORGANIZATION	/ei/LEIData/lei/LEIRecords/lei/RelationshipRecords/rrRelationships/rrRelationships/rrQualifierCategory'(www.glef.org)	State Transition and Validation Rules for Common Data File Formats Chapter'3.53.Relationship Qualifiers'	

check_id	version	log	critерион	context	maturity_level	intention	предпосылка	condition	expected check result	cfg_file	check rationale	related_checks		
C000372	3.0.4	Report	PROVENANCE		REQUIRED	All successor LEIs of non-duplicate records are mentioned in a legal entity event	* [ei:RegistrationStatus NOT IN {DUPLICATE, ANNULLED, PENDING_TRANSFER, PENDING_ARCHIVAL}] * [ei:SuccessorEntity SPRESENT]	* COUNT([LEGAL_ENTITY_EVENTS] > 0 WITH: * [ei:LegalEntityEvent@event_status IN {COMPLETED}] * [ei:AffectedField WITH: * [ei:SuccessorEntityName IN ei:Field_xpath]/[ei:LEIRecord/ei:Entity/ei:SuccessorEntity/ei:SuccessorEntityName] * OR * [ei:LegalEntityEvent@event_status IN {COMPLETED}] * [ei:AffectedField WITH: * [ei:SuccessorEntity IN ei:Field_xpath]/[ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:SuccessorEntity/ei:SuccessorEntityID]]	NOT_APPLICABLE, if [ei:RegistrationStatus DUPLICATE, ANNULLED, PENDING_TRANSFER or PENDING_ARCHIVAL] or [ei:SuccessorEntity not present] FAIL, if [ei:RegistrationStatus not DUPLICATE, ANNULLED, PENDING_TRANSFER or PENDING_ARCHIVAL and [ei:SuccessorEntity present and its SuccessorEntityName not present in itsAffectedField with field_xpath]] PASS, if [ei:RegistrationStatus not DUPLICATE, ANNULLED, PENDING_TRANSFER or PENDING_ARCHIVAL and [ei:SuccessorEntity not present in itsAffectedField with field_xpath]] /ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:SuccessorEntity/ei:SuccessorEntityID	/ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:LegalEntityEvent@event_status /ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:SuccessorEntity/ei:SuccessorEntityName /ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:SuccessorEntity/ei:SuccessorEntityID	IQC policy on Legal Entity Events and Data History in the Global LEI System (http://www.leiroc.org/publications/gli/doc_20181030-1.pdf)	GLEF State Transition and Validation Rules for Common Data File formats (www.glef.org)	C000371	
C000373	3.0.0	Report	VALIDITY		REQUIRED	Deprecated exception reasons are not used	* COUNT([REPORTED_EXCEPTIONS]) > 0	* repeatExceptionReason NOT IN {LEGAL_OBSTACLES, CONSENT_NOT_OBTAINED, BINDING_LEGAL_COMMITMENTS, DETRIMENT_NOT_EXCLUDED, DISCLOSURE_DETRIMENTAL}	NOT_APPLICABLE, if repeatException not present FAIL, if repeatExceptionReason in LEGAL_OBSTACLES, CONSENT_NOT_OBTAINED, BINDING_LEGAL_COMMITMENTS, DETRIMENT_NOT_EXCLUDED or DISCLOSURE_DETRIMENTAL PASS, if repeatExceptionReason is not LEGAL_OBSTACLES, CONSENT_NOT_OBTAINED, BINDING_LEGAL_COMMITMENTS, DETRIMENT_NOT_EXCLUDED or DISCLOSURE_DETRIMENTAL	/repeatExceptionReason /repeatExceptionReason@repeatExceptionReason /ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:LegalEntityEvent@event_status /ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:SuccessorEntity/ei:SuccessorEntityName /ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:SuccessorEntity/ei:SuccessorEntityID	State Transition and Validation Rules for Common Data File formats Chapter 3.65. Exception Reason and 4.1.4. Accounting consolidation parent relationship not reported due to legal obstacles (opt-out) (www.glef.org)			
C000374	3.0.2	Report	PROVENANCE		EXCELLENT	Xpath in affected fields is valid	* [ei:LegalEntityEvent/ei:AffectedField SPRESENT]	* FOR [ei:LegalEntityEvent/ei:AffectedField: * [ei:Field_xpath IN { * [ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:LegalName], * [ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:OtherEntityName], * [ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:OtherEntityName/ei:OtherEntityName@type], * [ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:TransliteratedOtherEntityName/ei:TransliteratedOtherEntityName@type], * [ei:LEIRecord/ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:TransliteratedOtherEntityName@type], * [ei:LEIRecord/ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:LegalAddress/ei:FirstAddressLine], * [ei:LEIRecord/ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:LegalAddress/ei:AdditionalAddressLine1], * [ei:LEIRecord/ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:LegalAddress/ei:AdditionalAddressLine2], * [ei:LEIRecord/ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:LegalAddress/ei:AdditionalAddressLine3]} }, * [ei:LegalEntityEvent/ei:AffectedField not present]	NOT_APPLICABLE, if [ei:LegalEntityEvent/ei:AffectedField not present] FAIL, if [ei:LegalEntityEvent/ei:AffectedField is present and one of the validation enumerations is present] PASS, if [ei:LegalEntityEvent/ei:AffectedField is present and one of the validation enumerations is present] Note: For the contains@value, HeadquarterAddress, OtherAddresses and TransliteratesOtherAddresses, the asterisk (*) is a placeholder to be substituted with the corresponding data items (listed explicitly in the LegalAddress container)	/ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:LegalEntityEvent@event_status /ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:LegalAddress/ei:FirstAddressLine /ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:LegalAddress/ei:AdditionalAddressLine1 /ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:LegalAddress/ei:AdditionalAddressLine2 /ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:LegalAddress/ei:AdditionalAddressLine3	/ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:LegalEntityEvent@event_status /ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:LegalAddress/ei:FirstAddressLine /ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:LegalAddress/ei:AdditionalAddressLine1 /ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:LegalAddress/ei:AdditionalAddressLine2 /ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:LegalAddress/ei:AdditionalAddressLine3	State Transition and Validation Rules for Common Data File Formats Chapter 3.36. Affected Field (add in GLEF 3.37) (www.glef.org)		
C000375	3.0.3	Report	ACCESSIBILITY		EXCELLENT	No local identifier is provided for validation when authoritative source does not provide any identifier	* [ei:RegistrationStatus IN {ISSUED}] * [ei:ValidationAuthorityID SPRESENT]	* [ei:ValidationAuthority/ei:ValidationAuthorityID NOT SPRESENT]	NOT_APPLICABLE, if [ei:RegistrationStatus is not ISSUED, iei:ValidationAuthorityID is not present or if iei:ValidationAuthorityID is not one of the RA codes mentioned in the precondition] FAIL, if [ei:RegistrationStatus is ISSUED, iei:ValidationAuthorityID is present and iei:ValidationAuthorityID@value is present] PASS, if [ei:RegistrationStatus is ISSUED, iei:ValidationAuthorityID is present and iei:ValidationAuthorityID@value is not present]	/ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:RegistrationStatus /ei:LEIRecord/ei:LEIRecord/ei:ValidationAuthority/ei:ValidationAuthorityID /ei:LEIRecord/ei:LEIRecord/ei:ValidationAuthority/ei:ValidationAuthorityID@value	State Transition and Validation Rules for Common Data File Formats (www.glef.org)	C000310		
C000376	3.0.0	Report	ACCESSIBILITY		EXCELLENT	No local identifier is provided for additional validation sources when authoritative source does not provide any identifier	* [ei:RegistrationStatus IN {ISSUED}] * [ei:OtherValidationAuthority/ei:ValidationAuthorityID@value not provided by authoritative source]	* FOR ALL_APPLICABLE [ei:OtherValidationAuthority: * [ei:OtherValidationAuthority/ei:ValidationAuthorityID@value NOT SPRESENT]	NOT_APPLICABLE, if [ei:RegistrationStatus is not ISSUED, iei:OtherValidationAuthority/ei:ValidationAuthorityID is not present or if iei:OtherValidationAuthority/ei:ValidationAuthorityID@value is not one of the RA codes mentioned in the precondition] FAIL, if [ei:RegistrationStatus is ISSUED, iei:OtherValidationAuthority/ei:ValidationAuthorityID@value is present and iei:OtherValidationAuthority/ei:ValidationAuthorityID@value is one of the RA codes mentioned in the precondition and for any iei:OtherValidationAuthority/ei:ValidationAuthorityID@value] PASS, if [ei:RegistrationStatus is ISSUED, iei:OtherValidationAuthority/ei:ValidationAuthorityID@value is present and iei:OtherValidationAuthority/ei:ValidationAuthorityID@value is one of the RA codes mentioned in the precondition and for all iei:OtherValidationAuthority/ei:ValidationAuthorityID@value] iei:OtherValidationAuthority/ei:ValidationAuthorityID@value is not present	/ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:RegistrationStatus /ei:LEIRecord/ei:LEIRecord/ei:OtherValidationAuthority/ei:ValidationAuthorityID@value /ei:LEIRecord/ei:LEIRecord/ei:OtherValidationAuthority/ei:ValidationAuthorityID@value	State Transition and Validation Rules for Common Data File Formats (www.glef.org)	C000349	C000350	C000375
C000377	3.0.0	Report	VALIDITY		EXPECTED	Ensure RecordDate is plausible for completed legal entity events	* COUNT([LEGAL_ENTITY_EVENTS] > 0 WITH: * [ei:LegalEntityEvent@event_status IN {COMPLETED}]	* FOR ALL_APPLICABLE [ei:LegalEntityEvent@event_status = COMPLETED]: * [ei:LegalEntityEvent@event_date == ei:LegalEntityEvent@event_effective_date]	NOT_APPLICABLE, if there are no legal entity events with [ei:LegalEntityEvent@event_status COMPLETED and ei:LegalEntityEvent@event_date == ei:LegalEntityEvent@event_effective_date] FAIL, if there is at least one legal entity event with [ei:LegalEntityEvent@event_status COMPLETED and ei:LegalEntityEvent@event_date is smaller than [ei:LegalEntityEvent@event_effective_date]] PASS, if there is at least one legal entity event with [ei:LegalEntityEvent@event_status COMPLETED and ei:LegalEntityEvent@event_date is larger or equals [ei:LegalEntityEvent@event_effective_date]]	/ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:RegistrationStatus /ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:LegalEntityEvent@event_status /ei:LEIRecord/ei:LEIRecord/ei:Entity/ei:LegalEntityEvent@event_effective_date	IQC policy on Legal Entity Events and Data History in the Global LEI System (http://www.leiroc.org/publications/gli/doc_20181030-1.pdf) GLEF State Transition and Validation Rules for Common Data File formats, chapters 3.31 and 3.32 (www.glef.org)			
C000379	3.0.0	Report	COMPREHENSIVENESS		EXCELLENT	Verify that care of address is provided for funds with external fund manager	* [ei:RegistrationStatus IN {ISSUED, LAPSED}] * COUNT([REPORTED_RELATIONSHIPS] > 0 WITH: * [rr:RelationshipType IN {FUND_MANAGED_BY}] * rr:registrationStatus IN {PUBLISHED, LAPSED} * [ei:LEI NOT SEQUALS rr:EndNode/rr:NodeID]	* NORMALIZED([ei:HeadquarterAddress/ei:FirstAddressLine] STARTS_WITH '/v') * OR * NORMALIZED([ei:HeadquarterAddress/ei:AdditionalAddressLine1] STARTS_WITH '/v') * OR * NORMALIZED([ei:HeadquarterAddress/ei:AdditionalAddressLine2] STARTS_WITH '/v') * OR * NORMALIZED([ei:HeadquarterAddress/ei:AdditionalAddressLine3] STARTS_WITH '/v') * OR * NORMALIZED([ei:HeadquarterAddress/ei:MailRouting] STARTS_WITH '/v')	NOT_APPLICABLE, if [ei:RegistrationStatus is PENDING, TRANSFER, PENDING_ARCHIVAL, RETIRED, DUPLICATE or ANNULLED] or if no relationship with rr:RelationshipType FUND_MANAGED_BY and rr:RelationshipStatus PUBLISHED or LAPSED is reported or if for such a relationship rr:EndNode/rr:NodeID equals 'lei' FAIL, if [ei:RegistrationStatus ISSUED or LAPSED and there is at least one reported relationship with rr:RelationshipType FUND_MANAGED_BY and rr:RelationshipStatus PUBLISHED or LAPSED in addition to the relationship with rr:RelationshipType FUND_MANAGED_BY and rr:RelationshipStatus PUBLISHED or LAPSED with rr:EndNode/rr:NodeID equals 'lei' PASS, if [ei:RegistrationStatus is PENDING, TRANSFER, PENDING_ARCHIVAL, RETIRED, DUPLICATE or ANNULLED] or if no relationship with rr:RelationshipType FUND_MANAGED_BY and rr:RelationshipStatus PUBLISHED or LAPSED is reported or if for such a relationship rr:EndNode/rr:NodeID equals 'lei' Note: Accepted 'care of' elements are {/v, 'c/o', 'c/o', 'c/o', 'c/o, ', 'c/o', 'c/o'}. A name of the recipient must follow, separated by a space.	/ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipType /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipStatus /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipEndNode/rr:NodeID /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipType /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipStatus /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipEndNode/rr:NodeID /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipType /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipStatus /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipEndNode/rr:NodeID /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipType /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipStatus /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipEndNode/rr:NodeID /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipType /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipStatus /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipEndNode/rr:NodeID /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipType /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipStatus /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipEndNode/rr:NodeID /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipType /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipStatus /ei:LEIRecord/ei:LEIRecord/ei:RelationshipshipData@RelationshipEndNode/rr:NodeID	IQC policy on Relationship Data (https://www.leiroc.org/publications/gli/doc_20190520-1.pdf) State Transition and Validation Rules for Common Data File formats, Chapter 3.14 Headquarters Address (www.glef.org)			

check_id	version	tag	criterion	context	maturity_level	intention	precondition	condition	expected_check_results	cfi_fields	check_rationale	related_checks
G000419	3.0.2	Report	REPRESENTATION	PRE_CHECK	EXPECTED	All characters in the legal name match corresponding language unicode range	* leiLegalName@lang SPRESENT * leiLegalName@lang IN LANGUAGE_CHARACTERS_LIST * leiLegalName@ALPHABETICAL	* leiLegalName SSTRIC_T_PATTERN_MATCH SLANGUAGE_CHARACTERS_LIST/language	NOT_APPLICABLE, if leiLegalName@lang is not present or leiLegalName@lang is not in scope or if leiLegalName consists only of numbers and punctuation characters FAIL, if leiLegalName@lang is present and leiLegalName@lang is in scope and leiLegalName does not only consist of numbers and punctuation characters and all the characters in leiLegalName lie within the unicode range associated with leiLegalName@lang PASS, if leiLegalName@lang is present and leiLegalName@lang is in scope and leiLegalName does not only consist of numbers and punctuation characters and all the characters in leiLegalName lie within the unicode range associated with leiLegalName@lang Note: The languages in scope are 'ar', 'bg', 'bo', 'ca', 'de', 'da', 'el', 'en', 'es', 'et', 'fi', 'fr', 'he', 'hi', 'hr', 'it', 'ja', 'ka', 'km', 'nl', 'no', 'pt', 'ru', 'sv', 'ta', 'th', 'uk', 'ur'	/ei/LEData/wi/LERecords/wi/L /EiRecord/wi/Entity/wi/LegAlph /EiLang	State Transition and Validation Rules for Common Data File formats Chapter 3.10. Legal Name*	
G000420	3.0.0	Report	VALIDITY	REQUIRED	Entity status NULL must correspond to registration status	* leiEntityStatus IN [NULL] * leiEntityCategory NOT IN [FUND] * leiRegistrationStatus NOT IN [PENDING_TRANSFER, PENDING_ARCHIVE]	* leiRegistrationStatus IN [ANNULLED, DUPLICATE]	NOT_APPLICABLE, if leiEntityStatus is ACTIVE or INACTIVE or if leiEntityCategory is FUND or if leiRegistrationStatus is PENDING_TRANSFER or PENDING_ARCHIVE FAIL, if leiEntityStatus is NULL and leiEntityCategory is not FUND and leiRegistrationStatus is not PENDING_TRANSFER, PENDING_ARCHIVE, DUPLICATE or ANNULLED PASS, if leiEntityStatus is NULL and leiEntityCategory is not FUND and leiRegistrationStatus is DUPLICATE or ANNULLED	/ei/LEData/wi/LERecords/wi/L /EiRecord/wi/Entity/wi/EntityStat /EiLang	State Transition Rules for Common Data File formats chapter 3.25. Entity Status (updated in LEI-CDF 3.0)*		
G000427	3.0.0	Report	VALIDITY	REQUIRED	Change legal form and name group contains plausible event types	* leiRegistrationStatus IN [ISSUED] * COUNT(SLEGAL_ENTITY_EVENTS) > 0 WITH: * leiLegalEntityEvent@group_id SPRESENT * leiLegalEntityEvent@group_type IN [CHANGE_LEGAL_FORM, AND_NAME] * leiLegalEntityEvent@event_Status NOT IN [WITHDRAWN, CANCELED]	* FOR ALL-APPLICABLE SLEGAL_ENTITY_EVENTS: * COUNT(SLEGAL_ENTITY_EVENTS) == 1 WITH: * leiLegalEntityEvent@group_id == SREFERRED_EVENT leiLegalEntityEvent@group_id * leiLegalEntityEvent@group@group_type CHANGE_LEGAL_FORM AND NAME and the leiLegalEntityEvent@event_Status IN [COMPLETED] * leiLegalEntityEvent@event_Status IN [COMPLETED] * OR * leiLegalEntityEvent@group_id == SREFERRED_EVENT leiLegalEntityEvent@group_id * leiLegalEntityEvent@group_type CHANGE_LEGAL_FORM * leiLegalEntityEvent@event_Status IN [IN_PROGRESS] * COUNT(SLEGAL_ENTITY_EVENTS) == 1 WITH: * leiLegalEntityEvent@group_id == SREFERRED_EVENT leiLegalEntityEvent@group_id * leiLegalEntityEvent@event_Status IN [COMPLETED] OR IN_PROGRESS with matching leiLegalEntityEvent@group_id * leiLegalEntityEvent@event_Status IN [COMPLETED]	NOT_APPLICABLE, if leiRegistrationStatus LAPPED, RETIRED, ANNULLED, DUPLICATE, PENDING_TRANSFER or PENDING_ARCHIVE or no leiLegalEntityEvent with leiLegalEntityEvent@group_type CHANGE_LEGAL_FORM AND NAME and the leiLegalEntityEvent@event_Status IN [IN_PROGRESS] or leiLegalEntityEvent@group_id is WITHDRAWN, CANCELED or leiLegalEntityEvent@group_id is not present FAIL, if leiRegistrationStatus IS ISSUED and at least one leiLegalEntityEvent with leiLegalEntityEvent@group_type CHANGE_LEGAL_FORM AND NAME and the leiLegalEntityEvent@event_Status IN [IN_PROGRESS] or leiLegalEntityEvent@group_id is WITHDRAWN, CANCELED or leiLegalEntityEvent@group_id is not present PASS, if leiRegistrationStatus IS ISSUED and at least one leiLegalEntityEvent with the leiLegalEntityEvent@group_type CHANGE_LEGAL_FORM and exactly one leiLegalEntityEvent with the leiLegalEntityEvent@group_id is WITHDRAWN, CANCELED or leiLegalEntityEvent@group_id is not present Note: The languages in scope are 'ar', 'bg', 'bo', 'ca', 'de', 'da', 'el', 'en', 'es', 'et', 'fi', 'fr', 'he', 'hi', 'hr', 'it', 'ja', 'ka', 'km', 'nl', 'no', 'pt', 'ru', 'sv', 'ta', 'th', 'uk', 'ur'	/ei/LEData/wi/LERecords/wi/L /EiRecord/wi/Entity/wi/LegAlph /EiLang	State Transition and Validation Rules for Common Data File formats Chapter 3.29 Legal Entity Event (added in LEI-CDF 3.17, 4.11.5 Legal Entity Event – Legal form change)*		
G000429	3.1.3	Report	REPRESENTATION	EXCELLENT	The legal name and address information is provided in local language that matches the jurisdiction and headquarters address country	* leiRegistrationStatus IN [ISSUED] * leiLegalJurisdiction IN ['BG', 'RU', 'TH', 'KR', 'MK'] * leiEntityCategory NOT IN ['BRANCH'] * leiHeadquartersAddress@country NOT IN ['PT'] * leiLegalName@lang SPRESENT * OR * leiLegalAddress@lang SPRESENT * OR * leiHeadquartersAddress@lang SPRESENT	* IF leiLegalJurisdiction NOT IN ['PT']: * leiLegalAddress@lang MATCHES SCOUNTRY_LANGUAGE_LIST/country * leiHeadquartersAddress@lang MATCHES SCOUNTRY_LANGUAGE_LIST/country * IF leiHeadquartersAddress@country IN ['BG', 'RU', 'TH', 'KR', 'MK'] * leiHeadquartersAddress@lang SPRESENT	NOT_APPLICABLE, if language information for leiLegalName and leiHeadquartersAddress and leiHeadquartersAddress@lang is not present or if leiRegistrationStatus is not ISSUED or if leiLegalJurisdiction is not in scope or if leiEntityCategory is BRANCH FAIL, if language information for leiLegalName and leiHeadquartersAddress and leiHeadquartersAddress@lang is present and at least one leiHeadquartersAddress@country is in scope and if leiEntityCategory is not BRANCH and if leiLegalJurisdiction is not JP if leiLegalName@lang does not match the expected language for the given leiHeadquartersAddress@lang and if leiHeadquartersAddress@lang does not match the expected language for the given leiHeadquartersAddress@country PASS, if language information for leiLegalName and leiHeadquartersAddress@lang is present and leiRegistrationStatus is ISSUED and leiLegalJurisdiction is in scope and if leiEntityCategory is not BRANCH and if leiLegalName@lang does not match the expected language for the given leiHeadquartersAddress@lang and if leiHeadquartersAddress@lang matches the expected language for the given leiHeadquartersAddress@country	/ei/LEData/wi/LERecords/wi/L /EiRecord/wi/Entity/wi/LegAlph /EiLang	State Transition and Validation Rules for Common Data File formats Chapter 3.10. Legal Name*		
G000430	3.0.2	Report	VALIDITY	REQUIRED	Group id is provided for relevant event group types	* leiRegistrationStatus IN [ISSUED, 'LAPSED', 'RETIRED'] * COUNT(SLEGAL_ENTITY_EVENTS) > 0 WITH: * leiLegalEntityEvent@group_type IN [CHANGE_LEGAL_FORM, AND_NAME, 'REVERSE_TAKEOVER']	* FOR ALL-APPLICABLE SLEGAL_ENTITY_EVENTS: * leiLegalEntityEvent@group_id SPRESENT	NOT_APPLICABLE, if leiRegistrationStatus ANNULLED, DUPLICATE, PENDING_TRANSFER or PENDING_ARCHIVE or if leiLegalEntityEvent with leiLegalEntityEvent@group_type CHANGE_LEGAL_FORM, AND_NAME or REVERSE_TAKEOVER is present FAIL, if leiRegistrationStatus IS ISSUED, LAPSED or RETIRED and at least one leiLegalEntityEvent with leiLegalEntityEvent@group_type CHANGE_LEGAL_FORM, AND_NAME or REVERSE_TAKEOVER does not includeleiLegalEntityEvent@group_id PASS, if leiRegistrationStatus IS ISSUED, LAPSED or RETIRED and at least one leiLegalEntityEvent with leiLegalEntityEvent@group_type CHANGE_LEGAL_FORM, AND_NAME or REVERSE_TAKEOVER includeleiLegalEntityEvent@group_id	/ei/LEData/wi/LERecords/wi/L /EiRecord/wi/Entity/wi/LegAlph /EiLang	State Transition and Validation Rules for Common Data File formats Chapter 3.29 Legal Events (added in LEI-CDF 3.17) (www.glef.org)	C000387	
G000431	3.0.0	Report	VALIDITY	REQUIRED	Successor name does not contain an LEI Code	* leiRegistrationStatus IN [ISSUED, 'LAPSED', 'RETIRED', 'DUPLICATE'] * leiSuccessorEntityName SPRESENT	* FOR ALL-APPLICABLE leiSuccessorEntityName: * leiSuccessorEntityName NOT SPATTERN_MATCH ^([0-9A-Z]{10} [0-9]{10})\$	NOT_APPLICABLE, if leiRegistrationStatus is ISSUED, LAPSED, RETIRED or DUPLICATE and leiSuccessorEntityName is not present FAIL, if leiRegistrationStatus is ISSUED, LAPSED, RETIRED or DUPLICATE and leiSuccessorEntityName is present and at least one SuccessorEntityName matches ^([0-9A-Z]{10} [0-9]{10})\$ PASS, if leiRegistrationStatus is ISSUED, LAPSED, RETIRED or DUPLICATE and leiSuccessorEntityName is present and no SuccessorEntityName matches ^([0-9A-Z]{10} [0-9]{10})\$	/ei/LEData/wi/LERecords/wi/L /EiRecord/wi/Entity/wi/SuccessorEntityName	GLEF State Transition and Validation Rules for Common Data File formats Chapter 4.19. Registration Errors Exclusivity Violation (duplication) (www.glef.org)		
G000433	3.0.1	Report	COMPLETENESS	EXPECTED	Postal code shall be included for countries in scope of postal code pattern matching	* leiRegistrationStatus IN [ISSUED] * leiLegalAddress@Country NOT IN ['HK', 'JM'] * leiLegalAddress@Country IN SPOSTAL_CODES_LIST/country_code * OR * leiHeadquartersAddress@Country NOT IN ['HK', 'JM'] * leiHeadquartersAddress@Country IN SPOSTAL_CODES_LIST/country_code	* leiLegalAddress@PostCode SPRESENT * leiHeadquartersAddress@PostCode SPRESENT	NOT_APPLICABLE, if the check for leiHeadquartersAddress@Country is not HK or JM or leiLegalAddress@Country is not in scope for the check and leiHeadquartersAddress@Country is not in scope for the check and leiHeadquartersAddress@Country is not HK or JM and leiHeadquartersAddress@Country is in scope for the check and leiHeadquartersAddress@Country is not HK or JM and leiHeadquartersAddress@Country is in scope for the check and leiHeadquartersAddress@PostCode is not present or leiHeadquartersAddress@PostCode is not present FAIL, if leiRegistrationStatus IS ISSUED and leiLegalAddress@Country is present and leiLegalAddress@Country is not HK or JM and leiHeadquartersAddress@Country is in scope for the check and leiHeadquartersAddress@Country is not HK or JM and leiHeadquartersAddress@Country is in scope for the check and leiHeadquartersAddress@PostCode is present PASS, if leiRegistrationStatus IS ISSUED and leiLegalAddress@Country is present and leiLegalAddress@Country is not HK or JM and leiHeadquartersAddress@Country is in scope for the check and leiHeadquartersAddress@Country is not HK or JM and leiHeadquartersAddress@Country is in scope for the check and leiHeadquartersAddress@PostCode is present	/ei/LEData/wi/LERecords/wi/L /EiRecord/wi/Entity/wi/LegAlph /EiLang	State Transition and Validation Rules for Common Data File formats, chapter 2.7 "Address Reporting"	C000402	

ELF Corroboration v1.4.0

entity_legal_form_code	corroboration_compliance	effective_date	comment
11GD	FULLY_CORROBORATED	31.07.2021	
12N6	FULLY_CORROBORATED	31.07.2021	
1570	PARTIALLY_CORROBORATED	31.07.2021	
15JS	FULLY_CORROBORATED	31.07.2021	
17R0	PARTIALLY_CORROBORATED	31.07.2021	
1A0A	FULLY_CORROBORATED	31.07.2021	
1ADA	FULLY_CORROBORATED	31.07.2021	
1ASH	FULLY_CORROBORATED	31.07.2021	
1B88	PARTIALLY_CORROBORATED	31.07.2021	
1CSZ	FULLY_CORROBORATED	31.07.2021	
1G29	FULLY_CORROBORATED	31.07.2021	
1GNM	PARTIALLY_CORROBORATED	31.07.2021	
1HXP	FULLY_CORROBORATED	31.07.2021	
1IPK	FULLY_CORROBORATED	19.07.2019	
1JXS	FULLY_CORROBORATED	01.04.2022	
1K9U	FULLY_CORROBORATED	31.07.2021	
1L24	PARTIALLY_CORROBORATED	31.07.2021	
1NF1	PARTIALLY_CORROBORATED	31.07.2021	
1ONH	FULLY_CORROBORATED	31.07.2021	
1OR3	FULLY_CORROBORATED	19.07.2019	
1Q16	PARTIALLY_CORROBORATED	31.07.2021	
1QMT	FULLY_CORROBORATED	31.07.2021	
1S9L	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
1SL4	FULLY_CORROBORATED	31.07.2021	
1SVL	FULLY_CORROBORATED	31.07.2021	
1T06	FULLY_CORROBORATED	31.07.2021	
1T9S	FULLY_CORROBORATED	01.04.2022	
1V0I	FULLY_CORROBORATED	31.07.2021	
1WZP	FULLY_CORROBORATED	31.07.2021	
1XME	FULLY_CORROBORATED	31.07.2021	
1XOG	FULLY_CORROBORATED	31.07.2021	
1Y0C	PARTIALLY_CORROBORATED	31.07.2021	
1YA4	FULLY_CORROBORATED	31.07.2021	
1ZHJ	FULLY_CORROBORATED	31.07.2021	
211B	PARTIALLY_CORROBORATED	31.07.2021	
21OE	FULLY_CORROBORATED	31.07.2021	
22SC	FULLY_CORROBORATED	01.04.2022	
23Q4	FULLY_CORROBORATED	01.04.2022	
23XJ	FULLY_CORROBORATED	01.04.2022	
29FA	PARTIALLY_CORROBORATED	31.07.2021	
2AUN	FULLY_CORROBORATED	01.04.2022	
2CC3	FULLY_CORROBORATED	31.07.2021	
2EEG	FULLY_CORROBORATED	19.07.2019	
2EPF	FULLY_CORROBORATED	01.04.2022	
2HBR	PARTIALLY_CORROBORATED	31.07.2021	
2I4P	FULLY_CORROBORATED	31.07.2021	
2J66	FULLY_CORROBORATED	31.07.2021	
2JB4	FULLY_CORROBORATED	01.04.2022	
2LNV	FULLY_CORROBORATED	01.04.2022	
2N4L	PARTIALLY_CORROBORATED	31.07.2021	
2ONM	PARTIALLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
2R1N	FULLY_CORROBORATED	01.04.2022	
2S1I	FULLY_CORROBORATED	31.07.2021	
2UBX	FULLY_CORROBORATED	31.07.2021	
2WJZ	FULLY_CORROBORATED	31.07.2021	
2WMP	PARTIALLY_CORROBORATED	31.07.2021	
2XIK	PARTIALLY_CORROBORATED	31.07.2021	
2XXG	FULLY_CORROBORATED	31.07.2021	
2XXH	FULLY_CORROBORATED	31.07.2021	
2YZO	PARTIALLY_CORROBORATED	31.07.2021	
30D6	FULLY_CORROBORATED	01.04.2022	
30PQ	FULLY_CORROBORATED	31.07.2021	
30TX	FULLY_CORROBORATED	31.07.2021	
32AX	FULLY_CORROBORATED	31.07.2021	
33MN	FULLY_CORROBORATED	31.07.2021	
34QS	PARTIALLY_CORROBORATED	31.07.2021	
358I	FULLY_CORROBORATED	31.07.2021	
35QN	FULLY_CORROBORATED	01.04.2022	
363J	FULLY_CORROBORATED	01.04.2022	
36AO	FULLY_CORROBORATED	31.07.2021	
37F5	FULLY_CORROBORATED	31.07.2021	
380O	FULLY_CORROBORATED	01.04.2022	
3AZY	PARTIALLY_CORROBORATED	31.07.2021	
3DXJ	FULLY_CORROBORATED	31.07.2021	
3FCU	PARTIALLY_CORROBORATED	31.07.2021	
3GTV	FULLY_CORROBORATED	31.07.2021	
3JTE	FULLY_CORROBORATED	31.07.2021	
3L7Q	FULLY_CORROBORATED	01.04.2022	
3LNE	FULLY_CORROBORATED	01.04.2022	

entity_legal_form_code	corroboration_compliance	effective_date	comment
3LXM	FULLY_CORROBORATED	01.04.2022	
3MM4	FULLY_CORROBORATED	01.04.2022	
3MMY	FULLY_CORROBORATED	31.07.2021	
3N55	FULLY_CORROBORATED	31.07.2021	
3NJL	PARTIALLY_CORROBORATED	31.07.2021	
3OK3	PARTIALLY_CORROBORATED	31.07.2021	
3S6E	PARTIALLY_CORROBORATED	31.07.2021	
3XTE	PARTIALLY_CORROBORATED	31.07.2021	
3Y5C	FULLY_CORROBORATED	31.07.2021	
3ZXC	FULLY_CORROBORATED	31.07.2021	
40DB	PARTIALLY_CORROBORATED	31.07.2021	
40SO	FULLY_CORROBORATED	31.07.2021	
43LY	FULLY_CORROBORATED	31.07.2021	
4560	FULLY_CORROBORATED	31.07.2021	
468Q	FULLY_CORROBORATED	01.04.2022	
47LQ	FULLY_CORROBORATED	31.07.2021	
487E	PARTIALLY_CORROBORATED	31.07.2021	
491H	PARTIALLY_CORROBORATED	31.07.2021	
4A3J	PARTIALLY_CORROBORATED	31.07.2021	
4BEM	FULLY_CORROBORATED	31.07.2021	
4C0J	FULLY_CORROBORATED	01.04.2022	
4DZU	PARTIALLY_CORROBORATED	31.07.2021	
4FSX	FULLY_CORROBORATED	31.07.2021	
4GJI	PARTIALLY_CORROBORATED	31.07.2021	
4H0F	PARTIALLY_CORROBORATED	31.07.2021	
4HBI	FULLY_CORROBORATED	01.04.2022	
4JCS	FULLY_CORROBORATED	01.04.2022	
4JS0	PARTIALLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
4LKE	FULLY_CORROBORATED	31.07.2021	
4LZW	FULLY_CORROBORATED	01.04.2022	
4NMI	FULLY_CORROBORATED	01.04.2022	
4QXM	FULLY_CORROBORATED	31.07.2021	
4RT7	PARTIALLY_CORROBORATED	31.07.2021	
4S4Z	FULLY_CORROBORATED	31.07.2021	
4S57	FULLY_CORROBORATED	31.07.2021	
4TMV	FULLY_CORROBORATED	31.07.2021	
4TNX	PARTIALLY_CORROBORATED	31.07.2021	
4U9V	FULLY_CORROBORATED	31.07.2021	
4VD7	PARTIALLY_CORROBORATED	31.07.2021	
4VH5	FULLY_CORROBORATED	01.04.2022	
4WN7	FULLY_CORROBORATED	31.07.2021	
4WTP	FULLY_CORROBORATED	01.04.2022	
4YOA	FULLY_CORROBORATED	31.07.2021	
4ZBE	FULLY_CORROBORATED	31.07.2021	
51AN	FULLY_CORROBORATED	01.04.2022	
51RC	FULLY_CORROBORATED	31.07.2021	
51WZ	FULLY_CORROBORATED	31.07.2021	
520I	FULLY_CORROBORATED	31.07.2021	
52AV	FULLY_CORROBORATED	31.07.2021	
52U0	FULLY_CORROBORATED	31.07.2021	
530K	FULLY_CORROBORATED	31.07.2021	
53DC	FULLY_CORROBORATED	31.07.2021	
54M6	FULLY_CORROBORATED	19.07.2019	
56MU	FULLY_CORROBORATED	31.07.2021	
57V7	PARTIALLY_CORROBORATED	31.07.2021	
58N0	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
599X	FULLY_CORROBORATED	01.04.2022	
59F9	PARTIALLY_CORROBORATED	31.07.2021	
5AAO	FULLY_CORROBORATED	01.04.2022	
5AE9	FULLY_CORROBORATED	31.07.2021	
5AJO	PARTIALLY_CORROBORATED	31.07.2021	
5DBJ	FULLY_CORROBORATED	01.04.2022	
5DS0	FULLY_CORROBORATED	31.07.2021	
5E0K	FULLY_CORROBORATED	31.07.2021	
5FRT	PARTIALLY_CORROBORATED	31.07.2021	
5GGB	FULLY_CORROBORATED	19.07.2019	
5H68	PARTIALLY_CORROBORATED	31.07.2021	
5HQ4	FULLY_CORROBORATED	31.07.2021	
5JAL	FULLY_CORROBORATED	31.07.2021	
5K0Q	PARTIALLY_CORROBORATED	31.07.2021	
5K70	FULLY_CORROBORATED	01.04.2022	
5KRB	FULLY_CORROBORATED	01.04.2022	
5MNR	FULLY_CORROBORATED	31.07.2021	
5MRP	FULLY_CORROBORATED	31.07.2021	
5ODO	FULLY_CORROBORATED	31.07.2021	
5OET	FULLY_CORROBORATED	31.07.2021	
5OZV	FULLY_CORROBORATED	31.07.2021	
5QS7	FULLY_CORROBORATED	01.04.2022	
5RDO	PARTIALLY_CORROBORATED	31.07.2021	
5RRE	FULLY_CORROBORATED	31.07.2021	
5ULL	FULLY_CORROBORATED	01.04.2022	
5VCF	PARTIALLY_CORROBORATED	31.07.2021	
5WU6	FULLY_CORROBORATED	31.07.2021	
5Y1L	FULLY_CORROBORATED	01.04.2022	

entity_legal_form_code	corroboration_compliance	effective_date	comment
60IF	PARTIALLY_CORROBORATED	31.07.2021	
61WE	PARTIALLY_CORROBORATED	31.07.2021	
62L3	FULLY_CORROBORATED	31.07.2021	
62VJ	FULLY_CORROBORATED	01.04.2022	
62Y3	FULLY_CORROBORATED	31.07.2021	
634M	FULLY_CORROBORATED	01.04.2022	
639V	FULLY_CORROBORATED	31.07.2021	
63KS	PARTIALLY_CORROBORATED	31.07.2021	
64HG	FULLY_CORROBORATED	31.07.2021	
65B6	FULLY_CORROBORATED	01.04.2022	
66JQ	PARTIALLY_CORROBORATED	31.07.2021	
66T3	FULLY_CORROBORATED	31.07.2021	
672E	FULLY_CORROBORATED	31.07.2021	
6CHY	PARTIALLY_CORROBORATED	31.07.2021	
6CJJ	PARTIALLY_CORROBORATED	31.07.2021	
6CQN	PARTIALLY_CORROBORATED	31.07.2021	
6DVA	FULLY_CORROBORATED	31.07.2021	
6DYI	PARTIALLY_CORROBORATED	31.07.2021	
6E4G	FULLY_CORROBORATED	31.07.2021	
6EDK	FULLY_CORROBORATED	31.07.2021	
6GEC	FULLY_CORROBORATED	31.07.2021	
6I75	FULLY_CORROBORATED	31.07.2021	
6ICB	FULLY_CORROBORATED	31.07.2021	
6IIE	PARTIALLY_CORROBORATED	31.07.2021	
6IM	FULLY_CORROBORATED	31.07.2021	
6KWU	PARTIALLY_CORROBORATED	31.07.2021	
6M6O	FULLY_CORROBORATED	31.07.2021	
6MB6	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
6NI8	FULLY_CORROBORATED	31.07.2021	
6OGF	FULLY_CORROBORATED	01.04.2022	
6QQB	PARTIALLY_CORROBORATED	31.07.2021	
6R7O	FULLY_CORROBORATED	01.04.2022	
6RUE	PARTIALLY_CORROBORATED	31.07.2021	
6RZK	FULLY_CORROBORATED	01.04.2022	
6S32	FULLY_CORROBORATED	31.07.2021	
6SYJ	PARTIALLY_CORROBORATED	31.07.2021	
6TGS	FULLY_CORROBORATED	01.04.2022	
6VCW	FULLY_CORROBORATED	01.04.2022	
6YHU	PARTIALLY_CORROBORATED	31.07.2021	
6ZAR	FULLY_CORROBORATED	31.07.2021	
70X0	FULLY_CORROBORATED	31.07.2021	
71ZI	FULLY_CORROBORATED	31.07.2021	
724Q	FULLY_CORROBORATED	01.04.2022	
72CA	FULLY_CORROBORATED	01.04.2022	
74HH	PARTIALLY_CORROBORATED	31.07.2021	
74LJ	FULLY_CORROBORATED	01.04.2022	
75XK	FULLY_CORROBORATED	01.04.2022	
78H5	FULLY_CORROBORATED	31.07.2021	
78PB	FULLY_CORROBORATED	31.07.2021	
7AJT	FULLY_CORROBORATED	01.04.2022	
7BQ5	FULLY_CORROBORATED	31.07.2021	
7CDL	FULLY_CORROBORATED	31.07.2021	
7F5B	FULLY_CORROBORATED	31.07.2021	
7G15	FULLY_CORROBORATED	01.04.2022	
7G8G	FULLY_CORROBORATED	01.04.2022	
7GMS	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
7GTR	FULLY_CORROBORATED	01.04.2022	
7H0X	FULLY_CORROBORATED	31.07.2021	
7HY7	FULLY_CORROBORATED	31.07.2021	
7K6U	FULLY_CORROBORATED	31.07.2021	
7O89	FULLY_CORROBORATED	01.04.2022	
7094	PARTIALLY_CORROBORATED	31.07.2021	
7OS8	FULLY_CORROBORATED	31.07.2021	
7QKB	FULLY_CORROBORATED	01.04.2022	
7QV2	FULLY_CORROBORATED	31.07.2021	
7RLC	FULLY_CORROBORATED	31.07.2021	
7SIZ	FULLY_CORROBORATED	01.04.2022	
7U8S	FULLY_CORROBORATED	01.04.2022	
7UHA	PARTIALLY_CORROBORATED	31.07.2021	
7VK5	FULLY_CORROBORATED	31.07.2021	
7VVZ	FULLY_CORROBORATED	31.07.2021	
7W53	FULLY_CORROBORATED	31.07.2021	
7WQO	FULLY_CORROBORATED	01.04.2022	
7XPF	FULLY_CORROBORATED	31.07.2021	
81G5	FULLY_CORROBORATED	19.07.2019	
81KA	PARTIALLY_CORROBORATED	31.07.2021	
81WV	FULLY_CORROBORATED	31.07.2021	
82QO	PARTIALLY_CORROBORATED	31.07.2021	
85PM	FULLY_CORROBORATED	01.04.2022	
85YQ	FULLY_CORROBORATED	31.07.2021	
87VO	PARTIALLY_CORROBORATED	31.07.2021	
88XU	FULLY_CORROBORATED	31.07.2021	
8APW	FULLY_CORROBORATED	31.07.2021	
8CF0	PARTIALLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
8CM0	PARTIALLY_CORROBORATED	31.07.2021	
8EHB	FULLY_CORROBORATED	31.07.2021	
8FZW	PARTIALLY_CORROBORATED	31.07.2021	
8G07	PARTIALLY_CORROBORATED	31.07.2021	
8GTU	PARTIALLY_CORROBORATED	31.07.2021	
8GU1	FULLY_CORROBORATED	31.07.2021	
8HNT	FULLY_CORROBORATED	31.07.2021	
8II5	PARTIALLY_CORROBORATED	31.07.2021	
8IWA	PARTIALLY_CORROBORATED	31.07.2021	
8KA4	FULLY_CORROBORATED	31.07.2021	
8LX5	PARTIALLY_CORROBORATED	31.07.2021	
8MBD	FULLY_CORROBORATED	31.07.2021	
8MS6	FULLY_CORROBORATED	31.07.2021	
8MY7	FULLY_CORROBORATED	01.04.2022	
8N0C	FULLY_CORROBORATED	01.04.2022	
8N21	FULLY_CORROBORATED	31.07.2021	
8OK2	FULLY_CORROBORATED	31.07.2021	
8OKM	PARTIALLY_CORROBORATED	31.07.2021	
8PUO	FULLY_CORROBORATED	31.07.2021	
8QMN	FULLY_CORROBORATED	31.07.2021	
8R2G	PARTIALLY_CORROBORATED	31.07.2021	
8RLE	FULLY_CORROBORATED	31.07.2021	
8RRB	FULLY_CORROBORATED	01.04.2022	
8TYA	PARTIALLY_CORROBORATED	31.07.2021	
8UEG	FULLY_CORROBORATED	19.07.2019	
8UMK	FULLY_CORROBORATED	01.04.2022	
8VDW	PARTIALLY_CORROBORATED	31.07.2021	
8VLM	FULLY_CORROBORATED	01.04.2022	

entity_legal_form_code	corroboration_compliance	effective_date	comment
8VWR	PARTIALLY_CORROBORATED	31.07.2021	
8W32	FULLY_CORROBORATED	31.07.2021	
8WM4	FULLY_CORROBORATED	31.07.2021	
8XDK	PARTIALLY_CORROBORATED	31.07.2021	
8XN0	FULLY_CORROBORATED	31.07.2021	
8Z6G	PARTIALLY_CORROBORATED	31.07.2021	
8Z76	FULLY_CORROBORATED	01.04.2022	
8ZUV	FULLY_CORROBORATED	01.04.2022	
92JZ	FULLY_CORROBORATED	31.07.2021	
93CA	FULLY_CORROBORATED	31.07.2021	
94WO	PARTIALLY_CORROBORATED	31.07.2021	
956I	FULLY_CORROBORATED	31.07.2021	
95W7	FULLY_CORROBORATED	31.07.2021	
97PZ	PARTIALLY_CORROBORATED	31.07.2021	
98ZZ	FULLY_CORROBORATED	31.07.2021	
99JD	FULLY_CORROBORATED	01.04.2022	
9A4Q	FULLY_CORROBORATED	31.07.2021	
9AAK	FULLY_CORROBORATED	31.07.2021	
9AAS	FULLY_CORROBORATED	31.07.2021	
9AQ8	FULLY_CORROBORATED	01.04.2022	
9ASJ	FULLY_CORROBORATED	01.04.2022	
9BH2	FULLY_CORROBORATED	01.04.2022	
9C19	FULLY_CORROBORATED	31.07.2021	
9E0Q	FULLY_CORROBORATED	31.07.2021	
9EJ6	FULLY_CORROBORATED	31.07.2021	
9FD9	FULLY_CORROBORATED	31.07.2021	
9FPZ	FULLY_CORROBORATED	31.07.2021	
9G8O	FULLY_CORROBORATED	01.04.2022	

entity_legal_form_code	corroboration_compliance	effective_date	comment
9GXA	FULLY_CORROBORATED	31.07.2021	
9HC8	PARTIALLY_CORROBORATED	31.07.2021	
9HKD	FULLY_CORROBORATED	31.07.2021	
9HLU	PARTIALLY_CORROBORATED	31.07.2021	
9I4Y	FULLY_CORROBORATED	31.07.2021	
9KGS	FULLY_CORROBORATED	31.07.2021	
9KU7	PARTIALLY_CORROBORATED	31.07.2021	
9L6B	FULLY_CORROBORATED	31.07.2021	
9LJA	PARTIALLY_CORROBORATED	31.07.2021	
9M2Q	FULLY_CORROBORATED	31.07.2021	
9N1F	PARTIALLY_CORROBORATED	31.07.2021	
9OOS	PARTIALLY_CORROBORATED	31.07.2021	
9OSW	FULLY_CORROBORATED	31.07.2021	
9STD	FULLY_CORROBORATED	31.07.2021	
9T5S	PARTIALLY_CORROBORATED	31.07.2021	
9XFK	FULLY_CORROBORATED	01.04.2022	
A0VZ	PARTIALLY_CORROBORATED	31.07.2021	
A0W7	FULLY_CORROBORATED	31.07.2021	
A770	FULLY_CORROBORATED	31.07.2021	
A97B	FULLY_CORROBORATED	31.07.2021	
A9AW	FULLY_CORROBORATED	31.07.2021	
A9VQ	FULLY_CORROBORATED	31.07.2021	
AD0H	FULLY_CORROBORATED	31.07.2021	
ADF8	FULLY_CORROBORATED	31.07.2021	
AEJF	FULLY_CORROBORATED	31.07.2021	
AEKO	FULLY_CORROBORATED	31.07.2021	
AHBR	PARTIALLY_CORROBORATED	31.07.2021	
AIR5	FULLY_CORROBORATED	01.04.2022	

entity_legal_form_code	corroboration_compliance	effective_date	comment
AJ9U	FULLY_CORROBORATED	31.07.2021	
ALW3	FULLY_CORROBORATED	01.04.2022	
AMFI	PARTIALLY_CORROBORATED	31.07.2021	
AMKW	PARTIALLY_CORROBORATED	31.07.2021	
AMV2	FULLY_CORROBORATED	01.04.2022	
ANDT	FULLY_CORROBORATED	19.07.2019	
AQBO	FULLY_CORROBORATED	31.07.2021	
ARDP	FULLY_CORROBORATED	31.07.2021	
AREY	FULLY_CORROBORATED	01.04.2022	
ARON	FULLY_CORROBORATED	31.07.2021	
AS4W	FULLY_CORROBORATED	31.07.2021	
ASC7	FULLY_CORROBORATED	31.07.2021	
AT9F	FULLY_CORROBORATED	01.04.2022	
AVLE	FULLY_CORROBORATED	31.07.2021	
AXS5	FULLY_CORROBORATED	31.07.2021	
AXSB	FULLY_CORROBORATED	19.07.2019	
AZFE	PARTIALLY_CORROBORATED	31.07.2021	
AZUK	FULLY_CORROBORATED	31.07.2021	
AZYL	FULLY_CORROBORATED	01.04.2022	
B12O	FULLY_CORROBORATED	31.07.2021	
B2F4	FULLY_CORROBORATED	31.07.2021	
B3WQ	FULLY_CORROBORATED	01.04.2022	
B4OI	FULLY_CORROBORATED	31.07.2021	
B5PM	FULLY_CORROBORATED	19.07.2019	
B5YE	FULLY_CORROBORATED	01.04.2022	
B645	PARTIALLY_CORROBORATED	31.07.2021	
B6ES	PARTIALLY_CORROBORATED	31.07.2021	
B7I7	PARTIALLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
B843	FULLY_CORROBORATED	31.07.2021	
B8KO	FULLY_CORROBORATED	31.07.2021	
B8XC	FULLY_CORROBORATED	31.07.2021	
BADE	FULLY_CORROBORATED	31.07.2021	
BAK2	PARTIALLY_CORROBORATED	31.07.2021	
BAUQ	PARTIALLY_CORROBORATED	31.07.2021	
BBEB	FULLY_CORROBORATED	31.07.2021	
BC32	FULLY_CORROBORATED	31.07.2021	
BCF5	FULLY_CORROBORATED	19.07.2019	
BDDP	PARTIALLY_CORROBORATED	31.07.2021	
BE3O	FULLY_CORROBORATED	01.04.2022	
BEWI	PARTIALLY_CORROBORATED	31.07.2021	
BFIV	FULLY_CORROBORATED	01.04.2022	
BG8P	FULLY_CORROBORATED	01.04.2022	
BGH4	FULLY_CORROBORATED	31.07.2021	
BI3B	FULLY_CORROBORATED	31.07.2021	
BJ2V	FULLY_CORROBORATED	31.07.2021	
BL52	FULLY_CORROBORATED	31.07.2021	
BO6L	FULLY_CORROBORATED	31.07.2021	
BOEX	FULLY_CORROBORATED	31.07.2021	
BPLS	PARTIALLY_CORROBORATED	31.07.2021	
BQRL	FULLY_CORROBORATED	31.07.2021	
BRGA	PARTIALLY_CORROBORATED	31.07.2021	
BRO8	FULLY_CORROBORATED	31.07.2021	
BSLM	FULLY_CORROBORATED	01.04.2022	
BTQ1	FULLY_CORROBORATED	31.07.2021	
BUMI	FULLY_CORROBORATED	01.04.2022	
BX6Y	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
BYFU	FULLY_CORROBORATED	31.07.2021	
BYZF	PARTIALLY_CORROBORATED	31.07.2021	
C061	FULLY_CORROBORATED	19.07.2019	
COCR	FULLY_CORROBORATED	31.07.2021	
COVE	FULLY_CORROBORATED	01.04.2022	
C1F4	FULLY_CORROBORATED	31.07.2021	
C276	FULLY_CORROBORATED	31.07.2021	
C204	FULLY_CORROBORATED	01.04.2022	
C42J	PARTIALLY_CORROBORATED	31.07.2021	
C4D7	PARTIALLY_CORROBORATED	31.07.2021	
C58S	FULLY_CORROBORATED	31.07.2021	
C5K7	FULLY_CORROBORATED	31.07.2021	
C639	FULLY_CORROBORATED	01.04.2022	
C8HJ	FULLY_CORROBORATED	01.04.2022	
CAGH	FULLY_CORROBORATED	31.07.2021	
CANT	FULLY_CORROBORATED	01.04.2022	
CAX5	PARTIALLY_CORROBORATED	31.07.2021	
CBO2	PARTIALLY_CORROBORATED	31.07.2021	
CD9O	FULLY_CORROBORATED	31.07.2021	
CF56	PARTIALLY_CORROBORATED	31.07.2021	
CGSO	FULLY_CORROBORATED	31.07.2021	
CJ58	FULLY_CORROBORATED	31.07.2021	
CNQ3	FULLY_CORROBORATED	31.07.2021	
CNSS	PARTIALLY_CORROBORATED	31.07.2021	
CNXL	PARTIALLY_CORROBORATED	31.07.2021	
CODH	FULLY_CORROBORATED	31.07.2021	
COKS	FULLY_CORROBORATED	01.04.2022	
CPK1	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
CQ5X	FULLY_CORROBORATED	01.04.2022	
CQJI	PARTIALLY_CORROBORATED	31.07.2021	
CR3H	FULLY_CORROBORATED	31.07.2021	
CRL9	FULLY_CORROBORATED	31.07.2021	
CVH6	PARTIALLY_CORROBORATED	31.07.2021	
CVXK	FULLY_CORROBORATED	31.07.2021	
CWRI	FULLY_CORROBORATED	31.07.2021	
CXIO	FULLY_CORROBORATED	31.07.2021	
CYW2	FULLY_CORROBORATED	31.07.2021	
D155	FULLY_CORROBORATED	31.07.2021	
D2EI	FULLY_CORROBORATED	01.04.2022	
D2I2	PARTIALLY_CORROBORATED	31.07.2021	
D2MO	FULLY_CORROBORATED	31.07.2021	
D4YS	FULLY_CORROBORATED	31.07.2021	
D8PB	FULLY_CORROBORATED	31.07.2021	
D92T	FULLY_CORROBORATED	31.07.2021	
DAVB	FULLY_CORROBORATED	31.07.2021	
DBGD	FULLY_CORROBORATED	31.07.2021	
DCRK	FULLY_CORROBORATED	31.07.2021	
DEOG	FULLY_CORROBORATED	01.04.2022	
DEG4	PARTIALLY_CORROBORATED	31.07.2021	
DEO1	FULLY_CORROBORATED	31.07.2021	
DFE5	FULLY_CORROBORATED	19.07.2019	
DFPP	FULLY_CORROBORATED	31.07.2021	
DKUW	FULLY_CORROBORATED	31.07.2021	
DLEW	FULLY_CORROBORATED	31.07.2021	
DLS4	FULLY_CORROBORATED	31.07.2021	
DP3Q	PARTIALLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
DQBZ	FULLY_CORROBORATED	31.07.2021	
DQMJ	FULLY_CORROBORATED	31.07.2021	
DQMV	FULLY_CORROBORATED	31.07.2021	
DQUB	FULLY_CORROBORATED	31.07.2021	
DRQM	PARTIALLY_CORROBORATED	31.07.2021	
DRSE	FULLY_CORROBORATED	31.07.2021	
DSSD	FULLY_CORROBORATED	31.07.2021	
DTAX	PARTIALLY_CORROBORATED	31.07.2021	
DU35	FULLY_CORROBORATED	31.07.2021	
DURX	FULLY_CORROBORATED	31.07.2021	
DVXS	FULLY_CORROBORATED	19.07.2019	
DWYD	PARTIALLY_CORROBORATED	31.07.2021	
DX2N	FULLY_CORROBORATED	31.07.2021	
DXQH	PARTIALLY_CORROBORATED	31.07.2021	
E0YF	PARTIALLY_CORROBORATED	31.07.2021	
E12O	FULLY_CORROBORATED	31.07.2021	
E4LW	FULLY_CORROBORATED	01.04.2022	
E6J3	FULLY_CORROBORATED	01.04.2022	
E6YB	PARTIALLY_CORROBORATED	31.07.2021	
EABD	PARTIALLY_CORROBORATED	31.07.2021	
EAC8	PARTIALLY_CORROBORATED	31.07.2021	
ECLT	FULLY_CORROBORATED	31.07.2021	
ECUL	PARTIALLY_CORROBORATED	31.07.2021	
EDOR	FULLY_CORROBORATED	01.04.2022	
EHWD	FULLY_CORROBORATED	01.04.2022	
EI4J	FULLY_CORROBORATED	31.07.2021	
EJX1	FULLY_CORROBORATED	31.07.2021	
EMLK	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
EO24	FULLY_CORROBORATED	31.07.2021	
EO9A	FULLY_CORROBORATED	31.07.2021	
EO9F	FULLY_CORROBORATED	19.07.2019	
EPCY	FULLY_CORROBORATED	01.04.2022	
EQAQ	FULLY_CORROBORATED	01.04.2022	
EQOV	FULLY_CORROBORATED	19.07.2019	
ER7C	FULLY_CORROBORATED	31.07.2021	
ES2D	FULLY_CORROBORATED	19.07.2019	
EUT4	FULLY_CORROBORATED	01.04.2022	
EVBW	FULLY_CORROBORATED	31.07.2021	
EVE6	FULLY_CORROBORATED	31.07.2021	
EVYY	PARTIALLY_CORROBORATED	31.07.2021	
EW8U	FULLY_CORROBORATED	01.04.2022	
EW9A	FULLY_CORROBORATED	31.07.2021	
EY94	FULLY_CORROBORATED	01.04.2022	
EYRI	PARTIALLY_CORROBORATED	31.07.2021	
EZ08	FULLY_CORROBORATED	31.07.2021	
EZNQ	FULLY_CORROBORATED	31.07.2021	
EZQW	FULLY_CORROBORATED	31.07.2021	
F0B6	PARTIALLY_CORROBORATED	31.07.2021	
F2QV	FULLY_CORROBORATED	31.07.2021	
F5VL	FULLY_CORROBORATED	31.07.2021	
F69V	FULLY_CORROBORATED	01.04.2022	
F6SZ	PARTIALLY_CORROBORATED	31.07.2021	
F7ZZ	PARTIALLY_CORROBORATED	31.07.2021	
F7JY	FULLY_CORROBORATED	01.04.2022	
F8DD	FULLY_CORROBORATED	31.07.2021	
F8UD	PARTIALLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
F93F	PARTIALLY_CORROBORATED	31.07.2021	
F99D	FULLY_CORROBORATED	31.07.2021	
F9I4	FULLY_CORROBORATED	01.04.2022	
FBN0	FULLY_CORROBORATED	01.04.2022	
FBX9	FULLY_CORROBORATED	31.07.2021	
FCPM	FULLY_CORROBORATED	31.07.2021	
FE1L	FULLY_CORROBORATED	31.07.2021	
FEC4	FULLY_CORROBORATED	01.04.2022	
FEEA	PARTIALLY_CORROBORATED	31.07.2021	
FFBM	FULLY_CORROBORATED	31.07.2021	
FFQL	PARTIALLY_CORROBORATED	31.07.2021	
FGT5	FULLY_CORROBORATED	01.04.2022	
FGVH	FULLY_CORROBORATED	31.07.2021	
FH4R	FULLY_CORROBORATED	31.07.2021	
FI9R	FULLY_CORROBORATED	31.07.2021	
FIP8	FULLY_CORROBORATED	01.04.2022	
FJOE	FULLY_CORROBORATED	19.07.2019	
FK53	FULLY_CORROBORATED	31.07.2021	
FKG2	PARTIALLY_CORROBORATED	31.07.2021	
FOUY	PARTIALLY_CORROBORATED	31.07.2021	
FQLY	FULLY_CORROBORATED	01.04.2022	
FTNW	FULLY_CORROBORATED	31.07.2021	
FW66	FULLY_CORROBORATED	31.07.2021	
FXHR	FULLY_CORROBORATED	01.04.2022	
FYOF	PARTIALLY_CORROBORATED	31.07.2021	
FYBN	PARTIALLY_CORROBORATED	31.07.2021	
FZMT	FULLY_CORROBORATED	31.07.2021	
GOHE	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
G12F	PARTIALLY_CORROBORATED	31.07.2021	
G1P6	FULLY_CORROBORATED	31.07.2021	
G3JV	FULLY_CORROBORATED	01.04.2022	
G42I	FULLY_CORROBORATED	01.04.2022	
G4YY	FULLY_CORROBORATED	31.07.2021	
G66U	FULLY_CORROBORATED	31.07.2021	
G6VI	FULLY_CORROBORATED	31.07.2021	
G73Q	FULLY_CORROBORATED	01.04.2022	
G76T	FULLY_CORROBORATED	01.04.2022	
G7Z2	PARTIALLY_CORROBORATED	31.07.2021	
G8LP	PARTIALLY_CORROBORATED	31.07.2021	
G98S	PARTIALLY_CORROBORATED	31.07.2021	
GAJN	FULLY_CORROBORATED	31.07.2021	
GCU5	FULLY_CORROBORATED	01.04.2022	
GD6J	FULLY_CORROBORATED	01.04.2022	
GDH0	FULLY_CORROBORATED	01.04.2022	
GEE0	FULLY_CORROBORATED	31.07.2021	
GEXT	FULLY_CORROBORATED	01.04.2022	
GFN6	PARTIALLY_CORROBORATED	31.07.2021	
GFXN	FULLY_CORROBORATED	01.04.2022	
GHB2	FULLY_CORROBORATED	31.07.2021	
GIN3	FULLY_CORROBORATED	31.07.2021	
GIPE	FULLY_CORROBORATED	01.04.2022	
GJL1	FULLY_CORROBORATED	19.07.2019	
GJTL	FULLY_CORROBORATED	31.07.2021	
GLN8	PARTIALLY_CORROBORATED	31.07.2021	
GMFE	FULLY_CORROBORATED	01.04.2022	
GNNT	FULLY_CORROBORATED	01.04.2022	

entity_legal_form_code	corroboration_compliance	effective_date	comment
GNXT	FULLY_CORROBORATED	31.07.2021	
GOGQ	FULLY_CORROBORATED	31.07.2021	
GQV4	PARTIALLY_CORROBORATED	31.07.2021	
GR2X	FULLY_CORROBORATED	01.04.2022	
GXBE	FULLY_CORROBORATED	01.04.2022	
GXL6	PARTIALLY_CORROBORATED	31.07.2021	
GZCQ	PARTIALLY_CORROBORATED	31.07.2021	
GZMZ	FULLY_CORROBORATED	31.07.2021	
H0PO	PARTIALLY_CORROBORATED	31.07.2021	
H1J5	FULLY_CORROBORATED	01.04.2022	
H1U2	PARTIALLY_CORROBORATED	31.07.2021	
H1UM	FULLY_CORROBORATED	31.07.2021	
H3Z4	PARTIALLY_CORROBORATED	31.07.2021	
H3ZD	PARTIALLY_CORROBORATED	31.07.2021	
H4VR	PARTIALLY_CORROBORATED	31.07.2021	
H5G0	FULLY_CORROBORATED	01.04.2022	
H6OR	FULLY_CORROBORATED	19.07.2019	
H725	FULLY_CORROBORATED	01.04.2022	
H8VP	FULLY_CORROBORATED	19.07.2019	
HA3N	PARTIALLY_CORROBORATED	31.07.2021	
HA7M	FULLY_CORROBORATED	01.04.2022	
HATI	PARTIALLY_CORROBORATED	31.07.2021	
HC8N	PARTIALLY_CORROBORATED	31.07.2021	
HCTP	FULLY_CORROBORATED	01.04.2022	
HDOD	FULLY_CORROBORATED	01.04.2022	
HEMZ	FULLY_CORROBORATED	31.07.2021	
HF2L	PARTIALLY_CORROBORATED	31.07.2021	
HFGV	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
HH12	FULLY_CORROBORATED	01.04.2022	
HHYT	PARTIALLY_CORROBORATED	31.07.2021	
HLCG	FULLY_CORROBORATED	31.07.2021	
HLR4	FULLY_CORROBORATED	01.04.2022	
HMEI	PARTIALLY_CORROBORATED	31.07.2021	
HN63	FULLY_CORROBORATED	19.07.2019	
HN75	FULLY_CORROBORATED	31.07.2021	
HN8W	FULLY_CORROBORATED	31.07.2021	
HNWB	FULLY_CORROBORATED	01.04.2022	
HOV4	FULLY_CORROBORATED	31.07.2021	
HPKC	FULLY_CORROBORATED	31.07.2021	
HQJV	FULLY_CORROBORATED	31.07.2021	
HQYG	FULLY_CORROBORATED	31.07.2021	
HRQA	FULLY_CORROBORATED	01.04.2022	
HSEV	FULLY_CORROBORATED	31.07.2021	
HSPI	FULLY_CORROBORATED	31.07.2021	
HSYZ	PARTIALLY_CORROBORATED	31.07.2021	
HTV5	FULLY_CORROBORATED	01.04.2022	
HUSW	FULLY_CORROBORATED	31.07.2021	
HV3B	FULLY_CORROBORATED	31.07.2021	
HXKE	FULLY_CORROBORATED	01.04.2022	
HZEH	FULLY_CORROBORATED	31.07.2021	
I0MH	PARTIALLY_CORROBORATED	31.07.2021	
I2WU	FULLY_CORROBORATED	31.07.2021	
I2XB	FULLY_CORROBORATED	31.07.2021	
I3Z9	FULLY_CORROBORATED	31.07.2021	
I8TE	PARTIALLY_CORROBORATED	31.07.2021	
IAP3	PARTIALLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
IAS6	FULLY_CORROBORATED	31.07.2021	
IC8G	PARTIALLY_CORROBORATED	31.07.2021	
IC98	PARTIALLY_CORROBORATED	31.07.2021	
ICXT	FULLY_CORROBORATED	01.04.2022	
ID30	PARTIALLY_CORROBORATED	31.07.2021	
IDFN	FULLY_CORROBORATED	31.07.2021	
IF7H	PARTIALLY_CORROBORATED	31.07.2021	
IGSV	PARTIALLY_CORROBORATED	31.07.2021	
IHD0	FULLY_CORROBORATED	31.07.2021	
IHLF	FULLY_CORROBORATED	31.07.2021	
IIZ4	FULLY_CORROBORATED	31.07.2021	
IJHI	FULLY_CORROBORATED	31.07.2021	
IMDT	FULLY_CORROBORATED	31.07.2021	
IN4H	FULLY_CORROBORATED	31.07.2021	
IOWN	FULLY_CORROBORATED	31.07.2021	
IPGV	FULLY_CORROBORATED	31.07.2021	
IQR2	PARTIALLY_CORROBORATED	31.07.2021	
IVQQ	FULLY_CORROBORATED	31.07.2021	
IWNQ	FULLY_CORROBORATED	01.04.2022	
IWRC	FULLY_CORROBORATED	01.04.2022	
IY8C	FULLY_CORROBORATED	31.07.2021	
IYXU	FULLY_CORROBORATED	31.07.2021	
IYZI	FULLY_CORROBORATED	31.07.2021	
J1JO	FULLY_CORROBORATED	01.04.2022	
J1V0	FULLY_CORROBORATED	31.07.2021	
J5NM	FULLY_CORROBORATED	01.04.2022	
J9OZ	PARTIALLY_CORROBORATED	31.07.2021	
JB2M	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
JBIQ	PARTIALLY_CORROBORATED	31.07.2021	
JBQI	FULLY_CORROBORATED	01.04.2022	
JCOY	PARTIALLY_CORROBORATED	31.07.2021	
JF6D	FULLY_CORROBORATED	31.07.2021	
JFET	PARTIALLY_CORROBORATED	31.07.2021	
JGPP	FULLY_CORROBORATED	31.07.2021	
JIF7	FULLY_CORROBORATED	01.04.2022	
JIYK	PARTIALLY_CORROBORATED	31.07.2021	
JJ9M	FULLY_CORROBORATED	01.04.2022	
JKOT	FULLY_CORROBORATED	31.07.2021	
JM1W	PARTIALLY_CORROBORATED	31.07.2021	
JMOO	PARTIALLY_CORROBORATED	31.07.2021	
JMVF	PARTIALLY_CORROBORATED	31.07.2021	
JN2P	PARTIALLY_CORROBORATED	31.07.2021	
JNDX	PARTIALLY_CORROBORATED	31.07.2021	
JNYX	FULLY_CORROBORATED	01.04.2022	
JPZW	FULLY_CORROBORATED	01.04.2022	
JR3Z	FULLY_CORROBORATED	31.07.2021	
JR6U	FULLY_CORROBORATED	01.04.2022	
JR7T	PARTIALLY_CORROBORATED	31.07.2021	
JRAQ	FULLY_CORROBORATED	01.04.2022	
JTCO	PARTIALLY_CORROBORATED	31.07.2021	
JU79	FULLY_CORROBORATED	01.04.2022	
JU82	PARTIALLY_CORROBORATED	31.07.2021	
JWTD	FULLY_CORROBORATED	01.04.2022	
JXUC	FULLY_CORROBORATED	01.04.2022	
JZWN	FULLY_CORROBORATED	31.07.2021	
K021	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
K2BJ	FULLY_CORROBORATED	31.07.2021	
K39X	PARTIALLY_CORROBORATED	31.07.2021	
K3J6	FULLY_CORROBORATED	01.04.2022	
K4MF	FULLY_CORROBORATED	31.07.2021	
K4ZA	FULLY_CORROBORATED	31.07.2021	
K5KA	PARTIALLY_CORROBORATED	31.07.2021	
K65D	PARTIALLY_CORROBORATED	31.07.2021	
K69X	PARTIALLY_CORROBORATED	31.07.2021	
K6L9	FULLY_CORROBORATED	31.07.2021	
K6VE	FULLY_CORROBORATED	31.07.2021	
K7XQ	PARTIALLY_CORROBORATED	31.07.2021	
K7YU	FULLY_CORROBORATED	31.07.2021	
K99N	PARTIALLY_CORROBORATED	31.07.2021	
KB EQ	PARTIALLY_CORROBORATED	31.07.2021	
KBKD	FULLY_CORROBORATED	19.07.2019	
KC7Z	FULLY_CORROBORATED	31.07.2021	
KCHO	FULLY_CORROBORATED	31.07.2021	
KCN5	PARTIALLY_CORROBORATED	31.07.2021	
KCSG	FULLY_CORROBORATED	31.07.2021	
KFR1	PARTIALLY_CORROBORATED	31.07.2021	
KGZ8	FULLY_CORROBORATED	31.07.2021	
KM1T	FULLY_CORROBORATED	31.07.2021	
KMPN	PARTIALLY_CORROBORATED	31.07.2021	
KPH8	FULLY_CORROBORATED	31.07.2021	
KQH7	PARTIALLY_CORROBORATED	31.07.2021	
KQXA	FULLY_CORROBORATED	01.04.2022	
KS9B	PARTIALLY_CORROBORATED	31.07.2021	
KSHL	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
KU3O	FULLY_CORROBORATED	01.04.2022	
KWI4	PARTIALLY_CORROBORATED	31.07.2021	
KXZT	FULLY_CORROBORATED	31.07.2021	
L10T	FULLY_CORROBORATED	31.07.2021	
L1PM	FULLY_CORROBORATED	31.07.2021	
L22N	FULLY_CORROBORATED	31.07.2021	
L25Z	PARTIALLY_CORROBORATED	31.07.2021	
L2DM	FULLY_CORROBORATED	31.07.2021	
L2QV	FULLY_CORROBORATED	31.07.2021	
L5BO	FULLY_CORROBORATED	31.07.2021	
L6QO	PARTIALLY_CORROBORATED	31.07.2021	
L7HH	FULLY_CORROBORATED	31.07.2021	
LARO	PARTIALLY_CORROBORATED	31.07.2021	
LBJ1	FULLY_CORROBORATED	31.07.2021	
LBPW	FULLY_CORROBORATED	01.04.2022	
LDBS	FULLY_CORROBORATED	31.07.2021	
LDHG	FULLY_CORROBORATED	01.04.2022	
LF4E	FULLY_CORROBORATED	31.07.2021	
LGME	PARTIALLY_CORROBORATED	31.07.2021	
LGVF	FULLY_CORROBORATED	01.04.2022	
LIEA	FULLY_CORROBORATED	01.04.2022	
LJH5	FULLY_CORROBORATED	31.07.2021	
LKD5	FULLY_CORROBORATED	01.04.2022	
LKQ2	FULLY_CORROBORATED	31.07.2021	
LMIM	FULLY_CORROBORATED	19.07.2019	
LPEE	FULLY_CORROBORATED	31.07.2021	
LPLY	FULLY_CORROBORATED	31.07.2021	
LQZC	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
LTKC	FULLY_CORROBORATED	31.07.2021	
LU8S	PARTIALLY_CORROBORATED	31.07.2021	
LU9O	FULLY_CORROBORATED	31.07.2021	
LUIN	PARTIALLY_CORROBORATED	31.07.2021	
LUMA	FULLY_CORROBORATED	19.07.2019	
LVRX	FULLY_CORROBORATED	01.04.2022	
LXI4	FULLY_CORROBORATED	01.04.2022	
LYRX	FULLY_CORROBORATED	01.04.2022	
MOER	FULLY_CORROBORATED	01.04.2022	
M1BJ	PARTIALLY_CORROBORATED	31.07.2021	
M1FY	FULLY_CORROBORATED	01.04.2022	
M1IZ	FULLY_CORROBORATED	31.07.2021	
M27U	FULLY_CORROBORATED	31.07.2021	
M2KR	FULLY_CORROBORATED	31.07.2021	
M4FO	FULLY_CORROBORATED	31.07.2021	
M5RM	FULLY_CORROBORATED	31.07.2021	
M64D	FULLY_CORROBORATED	31.07.2021	
M673	PARTIALLY_CORROBORATED	31.07.2021	
M886	FULLY_CORROBORATED	31.07.2021	
M9A1	FULLY_CORROBORATED	31.07.2021	
MBKN	FULLY_CORROBORATED	01.04.2022	
MCQP	FULLY_CORROBORATED	01.04.2022	
MFHR	FULLY_CORROBORATED	01.04.2022	
MFYJ	FULLY_CORROBORATED	31.07.2021	
MG2O	PARTIALLY_CORROBORATED	31.07.2021	
MG8V	FULLY_CORROBORATED	31.07.2021	
MIOH	FULLY_CORROBORATED	31.07.2021	
MIPY	FULLY_CORROBORATED	01.04.2022	

entity_legal_form_code	corroboration_compliance	effective_date	comment
MJJZ	FULLY_CORROBORATED	31.07.2021	
MM8M	FULLY_CORROBORATED	31.07.2021	
MMA4	PARTIALLY_CORROBORATED	31.07.2021	
MNQ7	FULLY_CORROBORATED	31.07.2021	
MOUL	PARTIALLY_CORROBORATED	31.07.2021	
MPFG	FULLY_CORROBORATED	31.07.2021	
MQPZ	PARTIALLY_CORROBORATED	31.07.2021	
MQU4	FULLY_CORROBORATED	31.07.2021	
MQU9	PARTIALLY_CORROBORATED	31.07.2021	
MTDW	FULLY_CORROBORATED	31.07.2021	
MX8J	PARTIALLY_CORROBORATED	31.07.2021	
MXWB	FULLY_CORROBORATED	31.07.2021	
MY61	FULLY_CORROBORATED	31.07.2021	
MY93	FULLY_CORROBORATED	31.07.2021	
MZB1	FULLY_CORROBORATED	31.07.2021	
NOJF	FULLY_CORROBORATED	01.04.2022	
NOYQ	FULLY_CORROBORATED	31.07.2021	
N10D	FULLY_CORROBORATED	31.07.2021	
N124	FULLY_CORROBORATED	01.04.2022	
N263	FULLY_CORROBORATED	31.07.2021	
N295	FULLY_CORROBORATED	01.04.2022	
N508	FULLY_CORROBORATED	01.04.2022	
N566	FULLY_CORROBORATED	01.04.2022	
N5OS	FULLY_CORROBORATED	01.04.2022	
N69M	FULLY_CORROBORATED	31.07.2021	
N71W	FULLY_CORROBORATED	31.07.2021	
NB58	FULLY_CORROBORATED	31.07.2021	
NBA8	PARTIALLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
NBTW	PARTIALLY_CORROBORATED	31.07.2021	
ND93	FULLY_CORROBORATED	01.04.2022	
NDBR	FULLY_CORROBORATED	31.07.2021	
NDEW	FULLY_CORROBORATED	31.07.2021	
NETO	FULLY_CORROBORATED	31.07.2021	
NFCV	PARTIALLY_CORROBORATED	31.07.2021	
NFFH	FULLY_CORROBORATED	31.07.2021	
NGR5	FULLY_CORROBORATED	01.04.2022	
NGZJ	FULLY_CORROBORATED	31.07.2021	
NHBK	FULLY_CORROBORATED	01.04.2022	
NHGN	FULLY_CORROBORATED	31.07.2021	
NHYA	FULLY_CORROBORATED	31.07.2021	
NI44	FULLY_CORROBORATED	31.07.2021	
NJ57	FULLY_CORROBORATED	01.04.2022	
NJA5	FULLY_CORROBORATED	31.07.2021	
NM07	PARTIALLY_CORROBORATED	31.07.2021	
NOBH	FULLY_CORROBORATED	31.07.2021	
NOI8	PARTIALLY_CORROBORATED	31.07.2021	
NPFB	FULLY_CORROBORATED	31.07.2021	
NQCT	PARTIALLY_CORROBORATED	31.07.2021	
NR96	FULLY_CORROBORATED	31.07.2021	
NUMY	PARTIALLY_CORROBORATED	31.07.2021	
NV9X	FULLY_CORROBORATED	31.07.2021	
NWT1	FULLY_CORROBORATED	31.07.2021	
NYUD	FULLY_CORROBORATED	31.07.2021	
O15R	FULLY_CORROBORATED	01.04.2022	
O1EZ	FULLY_CORROBORATED	01.04.2022	
O256	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
O35K	FULLY_CORROBORATED	31.07.2021	
O4NK	FULLY_CORROBORATED	31.07.2021	
O5PH	FULLY_CORROBORATED	31.07.2021	
O6QP	FULLY_CORROBORATED	31.07.2021	
O7XB	FULLY_CORROBORATED	19.07.2019	
O85W	FULLY_CORROBORATED	31.07.2021	
O9MN	FULLY_CORROBORATED	31.07.2021	
OAGA	PARTIALLY_CORROBORATED	31.07.2021	
OBTO	FULLY_CORROBORATED	31.07.2021	
OCVJ	FULLY_CORROBORATED	01.04.2022	
OE6T	FULLY_CORROBORATED	31.07.2021	
OF3Q	FULLY_CORROBORATED	01.04.2022	
OFGO	FULLY_CORROBORATED	31.07.2021	
OGHV	FULLY_CORROBORATED	31.07.2021	
OGSS	FULLY_CORROBORATED	31.07.2021	
OIQA	PARTIALLY_CORROBORATED	31.07.2021	
OJ9K	FULLY_CORROBORATED	31.07.2021	
OJBU	FULLY_CORROBORATED	31.07.2021	
OJDX	FULLY_CORROBORATED	31.07.2021	
OLAI	FULLY_CORROBORATED	31.07.2021	
OLJ1	PARTIALLY_CORROBORATED	31.07.2021	
OMX0	FULLY_CORROBORATED	19.07.2019	
ONJ1	FULLY_CORROBORATED	31.07.2021	
OOX5	FULLY_CORROBORATED	31.07.2021	
OQWO	FULLY_CORROBORATED	19.07.2019	
OSLZ	PARTIALLY_CORROBORATED	31.07.2021	
OT3Y	FULLY_CORROBORATED	01.04.2022	
OV32	FULLY_CORROBORATED	19.07.2019	

entity_legal_form_code	corroboration_compliance	effective_date	comment
OVBT	FULLY_CORROBORATED	31.07.2021	
OVCL	FULLY_CORROBORATED	01.04.2022	
OWR6	FULLY_CORROBORATED	31.07.2021	
OWUN	PARTIALLY_CORROBORATED	31.07.2021	
OXAZ	FULLY_CORROBORATED	31.07.2021	
P1VP	FULLY_CORROBORATED	01.04.2022	
P240	FULLY_CORROBORATED	31.07.2021	
P28E	PARTIALLY_CORROBORATED	01.04.2022	
P3J5	PARTIALLY_CORROBORATED	31.07.2021	
P3LZ	FULLY_CORROBORATED	31.07.2021	
P418	FULLY_CORROBORATED	19.07.2019	
P5JT	FULLY_CORROBORATED	01.04.2022	
P65N	FULLY_CORROBORATED	31.07.2021	
P714	PARTIALLY_CORROBORATED	31.07.2021	
P7RH	FULLY_CORROBORATED	31.07.2021	
P7VS	FULLY_CORROBORATED	01.04.2022	
P8D7	FULLY_CORROBORATED	01.04.2022	
P91Q	FULLY_CORROBORATED	01.04.2022	
P9F2	FULLY_CORROBORATED	19.07.2019	
PCRJ	FULLY_CORROBORATED	31.07.2021	
PDLV	FULLY_CORROBORATED	31.07.2021	
PESN	PARTIALLY_CORROBORATED	31.07.2021	
PIOI	FULLY_CORROBORATED	01.04.2022	
PJ10	FULLY_CORROBORATED	31.07.2021	
PL6V	PARTIALLY_CORROBORATED	31.07.2021	
PLMC	FULLY_CORROBORATED	31.07.2021	
PM3Y	FULLY_CORROBORATED	01.04.2022	
PMJW	FULLY_CORROBORATED	01.04.2022	

entity_legal_form_code	corroboration_compliance	effective_date	comment
PNF3	FULLY_CORROBORATED	31.07.2021	
PNSZ	FULLY_CORROBORATED	31.07.2021	
PNZI	FULLY_CORROBORATED	31.07.2021	
POG3	FULLY_CORROBORATED	01.04.2022	
PQXK	FULLY_CORROBORATED	31.07.2021	
PT6C	FULLY_CORROBORATED	31.07.2021	
PUJR	FULLY_CORROBORATED	31.07.2021	
PWKL	PARTIALLY_CORROBORATED	31.07.2021	
PXGA	FULLY_CORROBORATED	31.07.2021	
PXNI	FULLY_CORROBORATED	01.04.2022	
PZLG	PARTIALLY_CORROBORATED	31.07.2021	
PZR6	FULLY_CORROBORATED	31.07.2021	
Q0M5	PARTIALLY_CORROBORATED	31.07.2021	
Q17J	FULLY_CORROBORATED	01.04.2022	
Q1N4	FULLY_CORROBORATED	31.07.2021	
Q28E	FULLY_CORROBORATED	01.04.2022	
Q49K	FULLY_CORROBORATED	01.04.2022	
Q4F9	FULLY_CORROBORATED	31.07.2021	
Q634	PARTIALLY_CORROBORATED	31.07.2021	
Q6K2	FULLY_CORROBORATED	01.04.2022	
Q7WY	FULLY_CORROBORATED	01.04.2022	
Q8E2	PARTIALLY_CORROBORATED	31.07.2021	
Q8RV	FULLY_CORROBORATED	31.07.2021	
QB0A	FULLY_CORROBORATED	31.07.2021	
QCWO	PARTIALLY_CORROBORATED	31.07.2021	
QDZK	FULLY_CORROBORATED	31.07.2021	
QEEJ	FULLY_CORROBORATED	31.07.2021	
QF4W	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
QJ1G	FULLY_CORROBORATED	01.04.2022	
QJ9F	FULLY_CORROBORATED	31.07.2021	
QJBA	FULLY_CORROBORATED	01.04.2022	
QK2J	FULLY_CORROBORATED	31.07.2021	
QLWR	FULLY_CORROBORATED	31.07.2021	
QM7Z	FULLY_CORROBORATED	01.04.2022	
QMI2	FULLY_CORROBORATED	31.07.2021	
QMUM	FULLY_CORROBORATED	31.07.2021	
QNWW	FULLY_CORROBORATED	01.04.2022	
QPC9	FULLY_CORROBORATED	31.07.2021	
QR4Y	FULLY_CORROBORATED	31.07.2021	
QR5I	FULLY_CORROBORATED	01.04.2022	
QRZJ	FULLY_CORROBORATED	31.07.2021	
QSHG	FULLY_CORROBORATED	01.04.2022	
QSJ1	FULLY_CORROBORATED	01.04.2022	
QU3G	PARTIALLY_CORROBORATED	31.07.2021	
QUB4	PARTIALLY_CORROBORATED	31.07.2021	
QUJ5	FULLY_CORROBORATED	31.07.2021	
QUNR	FULLY_CORROBORATED	01.04.2022	
QV2O	PARTIALLY_CORROBORATED	31.07.2021	
QVPB	PARTIALLY_CORROBORATED	31.07.2021	
QWPR	FULLY_CORROBORATED	31.07.2021	
QWWY	FULLY_CORROBORATED	31.07.2021	
QX9N	FULLY_CORROBORATED	31.07.2021	
QY7A	FULLY_CORROBORATED	01.04.2022	
QZ3L	PARTIALLY_CORROBORATED	31.07.2021	
QZB4	FULLY_CORROBORATED	01.04.2022	
R0B6	PARTIALLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
ROBI	FULLY_CORROBORATED	31.07.2021	
R18M	FULLY_CORROBORATED	31.07.2021	
R1JO	PARTIALLY_CORROBORATED	31.07.2021	
R22H	FULLY_CORROBORATED	31.07.2021	
R27J	FULLY_CORROBORATED	01.04.2022	
R2L8	FULLY_CORROBORATED	31.07.2021	
R2PI	FULLY_CORROBORATED	01.04.2022	
R59A	PARTIALLY_CORROBORATED	31.07.2021	
R6BI	FULLY_CORROBORATED	31.07.2021	
R6WQ	PARTIALLY_CORROBORATED	31.07.2021	
R7JP	FULLY_CORROBORATED	31.07.2021	
R7QO	FULLY_CORROBORATED	31.07.2021	
R85P	FULLY_CORROBORATED	19.07.2019	
R8O9	FULLY_CORROBORATED	31.07.2021	
R8PY	FULLY_CORROBORATED	01.04.2022	
R8SH	FULLY_CORROBORATED	31.07.2021	
R9OY	FULLY_CORROBORATED	01.04.2022	
RBGQ	FULLY_CORROBORATED	01.04.2022	
RC44	FULLY_CORROBORATED	01.04.2022	
RC5L	FULLY_CORROBORATED	31.07.2021	
RCEO	FULLY_CORROBORATED	01.04.2022	
RCJS	FULLY_CORROBORATED	01.04.2022	
RCNI	FULLY_CORROBORATED	31.07.2021	
RD0Z	PARTIALLY_CORROBORATED	31.07.2021	
RD1T	FULLY_CORROBORATED	31.07.2021	
RDQZ	FULLY_CORROBORATED	31.07.2021	
REUP	FULLY_CORROBORATED	31.07.2021	
RFWH	PARTIALLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
RG9Z	FULLY_CORROBORATED	01.04.2022	
RH6N	FULLY_CORROBORATED	31.07.2021	
RKLI	FULLY_CORROBORATED	01.04.2022	
RNJZ	PARTIALLY_CORROBORATED	31.07.2021	
RQDD	FULLY_CORROBORATED	01.04.2022	
RR8G	FULLY_CORROBORATED	31.07.2021	
RRXD	FULLY_CORROBORATED	31.07.2021	
RT39	PARTIALLY_CORROBORATED	31.07.2021	
RT6Y	PARTIALLY_CORROBORATED	31.07.2021	
RU6X	FULLY_CORROBORATED	31.07.2021	
RWMC	PARTIALLY_CORROBORATED	31.07.2021	
RZ5R	FULLY_CORROBORATED	31.07.2021	
S0BB	FULLY_CORROBORATED	31.07.2021	
SOX8	PARTIALLY_CORROBORATED	31.07.2021	
S2K8	FULLY_CORROBORATED	31.07.2021	
S4U2	FULLY_CORROBORATED	01.04.2022	
S68T	FULLY_CORROBORATED	31.07.2021	
S6M8	FULLY_CORROBORATED	01.04.2022	
S6TP	FULLY_CORROBORATED	01.04.2022	
S6X7	FULLY_CORROBORATED	31.07.2021	
S745	FULLY_CORROBORATED	31.07.2021	
S7VR	FULLY_CORROBORATED	31.07.2021	
S82R	PARTIALLY_CORROBORATED	31.07.2021	
S8DM	FULLY_CORROBORATED	01.04.2022	
S968	FULLY_CORROBORATED	01.04.2022	
S97G	FULLY_CORROBORATED	31.07.2021	
SBF3	FULLY_CORROBORATED	31.07.2021	
SCE1	PARTIALLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
SCX8	FULLY_CORROBORATED	31.07.2021	
SDX0	FULLY_CORROBORATED	31.07.2021	
SGST	PARTIALLY_CORROBORATED	31.07.2021	
SGT8	FULLY_CORROBORATED	01.04.2022	
SHCN	FULLY_CORROBORATED	31.07.2021	
SIST	FULLY_CORROBORATED	31.07.2021	
SJKV	FULLY_CORROBORATED	31.07.2021	
SMZ6	PARTIALLY_CORROBORATED	31.07.2021	
SNRI	FULLY_CORROBORATED	31.07.2021	
SOXQ	PARTIALLY_CORROBORATED	31.07.2021	
SQOE	FULLY_CORROBORATED	31.07.2021	
SSOL	FULLY_CORROBORATED	31.07.2021	
SS3A	FULLY_CORROBORATED	31.07.2021	
SSHN	PARTIALLY_CORROBORATED	31.07.2021	
SSN4	FULLY_CORROBORATED	01.04.2022	
ST2Q	FULLY_CORROBORATED	31.07.2021	
SU5T	FULLY_CORROBORATED	31.07.2021	
SUA1	PARTIALLY_CORROBORATED	31.07.2021	
SUEQ	FULLY_CORROBORATED	31.07.2021	
SUMS	FULLY_CORROBORATED	31.07.2021	
SW88	FULLY_CORROBORATED	01.04.2022	
SWMK	FULLY_CORROBORATED	19.07.2019	
SWPX	PARTIALLY_CORROBORATED	31.07.2021	
SXX9	FULLY_CORROBORATED	31.07.2021	
SZ63	PARTIALLY_CORROBORATED	31.07.2021	
TOXH	FULLY_CORROBORATED	31.07.2021	
TOYJ	PARTIALLY_CORROBORATED	31.07.2021	
T172	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
T1FT	FULLY_CORROBORATED	01.04.2022	
T25Y	PARTIALLY_CORROBORATED	31.07.2021	
T2DF	FULLY_CORROBORATED	31.07.2021	
T2X1	FULLY_CORROBORATED	31.07.2021	
T362	FULLY_CORROBORATED	31.07.2021	
T4M6	FULLY_CORROBORATED	31.07.2021	
T4OL	FULLY_CORROBORATED	31.07.2021	
T5X4	FULLY_CORROBORATED	01.04.2022	
T5ZE	FULLY_CORROBORATED	31.07.2021	
T7D4	FULLY_CORROBORATED	01.04.2022	
T80N	FULLY_CORROBORATED	31.07.2021	
T91C	FULLY_CORROBORATED	31.07.2021	
T91T	FULLY_CORROBORATED	31.07.2021	
TBN1	FULLY_CORROBORATED	31.07.2021	
TCC0	FULLY_CORROBORATED	31.07.2021	
TCLA	FULLY_CORROBORATED	01.04.2022	
TCVB	FULLY_CORROBORATED	31.07.2021	
TDBW	FULLY_CORROBORATED	31.07.2021	
TDD5	FULLY_CORROBORATED	31.07.2021	
TGMR	FULLY_CORROBORATED	31.07.2021	
TGRE	PARTIALLY_CORROBORATED	31.07.2021	
TJ6V	FULLY_CORROBORATED	31.07.2021	
TNPO	PARTIALLY_CORROBORATED	31.07.2021	
TOBE	FULLY_CORROBORATED	01.04.2022	
TOL2	PARTIALLY_CORROBORATED	31.07.2021	
TPNT	PARTIALLY_CORROBORATED	31.07.2021	
TPO4	FULLY_CORROBORATED	01.04.2022	
TRI2	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
TRS2	FULLY_CORROBORATED	31.07.2021	
TS1K	FULLY_CORROBORATED	01.04.2022	
TTB3	FULLY_CORROBORATED	31.07.2021	
TTTV	FULLY_CORROBORATED	31.07.2021	
TUE5	PARTIALLY_CORROBORATED	31.07.2021	
TYW0	FULLY_CORROBORATED	01.04.2022	
TZDZ	FULLY_CORROBORATED	01.04.2022	
U1EG	FULLY_CORROBORATED	01.04.2022	
U2PN	FULLY_CORROBORATED	19.07.2019	
U6R9	PARTIALLY_CORROBORATED	31.07.2021	
U77P	FULLY_CORROBORATED	01.04.2022	
U7GR	FULLY_CORROBORATED	31.07.2021	
U7HC	FULLY_CORROBORATED	31.07.2021	
U7OR	FULLY_CORROBORATED	01.04.2022	
U87X	FULLY_CORROBORATED	31.07.2021	
U901	FULLY_CORROBORATED	01.04.2022	
U940	FULLY_CORROBORATED	31.07.2021	
U9HL	FULLY_CORROBORATED	31.07.2021	
UAES	FULLY_CORROBORATED	01.04.2022	
UBV0	FULLY_CORROBORATED	01.04.2022	
UCU5	FULLY_CORROBORATED	19.07.2019	
UEKV	FULLY_CORROBORATED	31.07.2021	
UF6Y	FULLY_CORROBORATED	31.07.2021	
UFM7	PARTIALLY_CORROBORATED	31.07.2021	
UGE3	FULLY_CORROBORATED	31.07.2021	
UHKH	PARTIALLY_CORROBORATED	31.07.2021	
UJ49	FULLY_CORROBORATED	31.07.2021	
UJZB	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
UNJ2	FULLY_CORROBORATED	31.07.2021	
UQRY	PARTIALLY_CORROBORATED	31.07.2021	
UQWQ	FULLY_CORROBORATED	31.07.2021	
UTY8	FULLY_CORROBORATED	31.07.2021	
UUT8	PARTIALLY_CORROBORATED	31.07.2021	
UV02	PARTIALLY_CORROBORATED	31.07.2021	
UV8T	FULLY_CORROBORATED	31.07.2021	
UVH6	FULLY_CORROBORATED	01.04.2022	
UX5E	FULLY_CORROBORATED	31.07.2021	
UZ83	FULLY_CORROBORATED	31.07.2021	
UZY3	PARTIALLY_CORROBORATED	31.07.2021	
V10Q	FULLY_CORROBORATED	31.07.2021	
V1Z5	PARTIALLY_CORROBORATED	31.07.2021	
V44D	FULLY_CORROBORATED	31.07.2021	
V4RX	FULLY_CORROBORATED	31.07.2021	
V5G5	FULLY_CORROBORATED	31.07.2021	
V5SV	PARTIALLY_CORROBORATED	31.07.2021	
V65U	FULLY_CORROBORATED	31.07.2021	
V6G1	PARTIALLY_CORROBORATED	31.07.2021	
V6YL	FULLY_CORROBORATED	01.04.2022	
V7QY	FULLY_CORROBORATED	01.04.2022	
V89C	FULLY_CORROBORATED	19.07.2019	
V89I	FULLY_CORROBORATED	31.07.2021	
V905	FULLY_CORROBORATED	31.07.2021	
V9QP	PARTIALLY_CORROBORATED	31.07.2021	
VA1V	FULLY_CORROBORATED	31.07.2021	
VATV	PARTIALLY_CORROBORATED	01.04.2022	
VBC7	PARTIALLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
VBQP	PARTIALLY_CORROBORATED	31.07.2021	
VBVM	FULLY_CORROBORATED	01.04.2022	
VCQZ	FULLY_CORROBORATED	31.07.2021	
VD7Z	PARTIALLY_CORROBORATED	31.07.2021	
VDRB	FULLY_CORROBORATED	31.07.2021	
VE28	FULLY_CORROBORATED	31.07.2021	
VFIU	FULLY_CORROBORATED	31.07.2021	
VG3S	FULLY_CORROBORATED	31.07.2021	
VHIY	FULLY_CORROBORATED	31.07.2021	
VJ3G	FULLY_CORROBORATED	19.07.2019	
VJBO	FULLY_CORROBORATED	19.07.2019	
VJV5	PARTIALLY_CORROBORATED	31.07.2021	
VJXH	FULLY_CORROBORATED	31.07.2021	
VKPN	FULLY_CORROBORATED	31.07.2021	
VNIU	FULLY_CORROBORATED	31.07.2021	
VO18	PARTIALLY_CORROBORATED	31.07.2021	
VPBH	FULLY_CORROBORATED	31.07.2021	
VSDJ	FULLY_CORROBORATED	01.04.2022	
VSZS	FULLY_CORROBORATED	19.07.2019	
VTFS	PARTIALLY_CORROBORATED	31.07.2021	
VUPE	FULLY_CORROBORATED	31.07.2021	
VUUU	FULLY_CORROBORATED	01.04.2022	
VUXH	FULLY_CORROBORATED	31.07.2021	
VVJ3	FULLY_CORROBORATED	01.04.2022	
VVPD	FULLY_CORROBORATED	31.07.2021	
VWC5	FULLY_CORROBORATED	01.04.2022	
VWY9	FULLY_CORROBORATED	01.04.2022	
VXDE	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
VYAX	FULLY_CORROBORATED	31.07.2021	
VYEO	FULLY_CORROBORATED	31.07.2021	
VYF8	FULLY_CORROBORATED	01.04.2022	
W0U4	FULLY_CORROBORATED	31.07.2021	
W1DV	FULLY_CORROBORATED	01.04.2022	
W2NK	FULLY_CORROBORATED	19.07.2019	
W3LD	PARTIALLY_CORROBORATED	31.07.2021	
W4G1	PARTIALLY_CORROBORATED	31.07.2021	
W9SC	FULLY_CORROBORATED	31.07.2021	
WBQU	PARTIALLY_CORROBORATED	31.07.2021	
WBWC	FULLY_CORROBORATED	31.07.2021	
WC8Q	FULLY_CORROBORATED	01.04.2022	
WCEP	FULLY_CORROBORATED	01.04.2022	
WDT2	FULLY_CORROBORATED	31.07.2021	
WE9D	FULLY_CORROBORATED	31.07.2021	
WGCY	PARTIALLY_CORROBORATED	31.07.2021	
WIU6	FULLY_CORROBORATED	31.07.2021	
WMTY	FULLY_CORROBORATED	31.07.2021	
WNKG	FULLY_CORROBORATED	01.04.2022	
WNV6	FULLY_CORROBORATED	31.07.2021	
WP6R	FULLY_CORROBORATED	31.07.2021	
WPCN	FULLY_CORROBORATED	31.07.2021	
WPED	FULLY_CORROBORATED	31.07.2021	
WQLU	FULLY_CORROBORATED	31.07.2021	
WRF9	FULLY_CORROBORATED	31.07.2021	
WRU2	FULLY_CORROBORATED	31.07.2021	
WT0G	FULLY_CORROBORATED	01.04.2022	
WTK4	FULLY_CORROBORATED	19.07.2019	

entity_legal_form_code	corroboration_compliance	effective_date	comment
WTWK	FULLY_CORROBORATED	31.07.2021	
WV3I	FULLY_CORROBORATED	31.07.2021	
WXNU	PARTIALLY_CORROBORATED	31.07.2021	
WY1B	FULLY_CORROBORATED	31.07.2021	
WYG5	FULLY_CORROBORATED	31.07.2021	
WZ78	FULLY_CORROBORATED	19.07.2019	
X088	FULLY_CORROBORATED	31.07.2021	
X0MP	FULLY_CORROBORATED	31.07.2021	
X1EL	FULLY_CORROBORATED	31.07.2021	
X4EB	FULLY_CORROBORATED	31.07.2021	
X4TB	FULLY_CORROBORATED	01.04.2022	
X62Z	FULLY_CORROBORATED	31.07.2021	
X78I	PARTIALLY_CORROBORATED	31.07.2021	
XBKP	FULLY_CORROBORATED	31.07.2021	
XFUO	FULLY_CORROBORATED	01.04.2022	
XH8C	PARTIALLY_CORROBORATED	31.07.2021	
XHN1	FULLY_CORROBORATED	19.07.2019	
XHT1	FULLY_CORROBORATED	01.04.2022	
XIZI	FULLY_CORROBORATED	31.07.2021	
XJHM	FULLY_CORROBORATED	19.07.2019	
XK4T	PARTIALLY_CORROBORATED	31.07.2021	
XL51	FULLY_CORROBORATED	31.07.2021	
XPX6	PARTIALLY_CORROBORATED	31.07.2021	
XQBA	PARTIALLY_CORROBORATED	31.07.2021	
XQEC	FULLY_CORROBORATED	01.04.2022	
XSNP	FULLY_CORROBORATED	31.07.2021	
XST3	FULLY_CORROBORATED	31.07.2021	
XSZY	FULLY_CORROBORATED	01.04.2022	

entity_legal_form_code	corroboration_compliance	effective_date	comment
XTIQ	FULLY_CORROBORATED	31.07.2021	
XTOF	FULLY_CORROBORATED	31.07.2021	
XVC6	FULLY_CORROBORATED	31.07.2021	
XW5U	FULLY_CORROBORATED	01.04.2022	
Y182	FULLY_CORROBORATED	31.07.2021	
Y1W1	PARTIALLY_CORROBORATED	31.07.2021	
Y1ZD	FULLY_CORROBORATED	01.04.2022	
Y3ZB	FULLY_CORROBORATED	31.07.2021	
Y4VA	PARTIALLY_CORROBORATED	31.07.2021	
Y5L0	FULLY_CORROBORATED	31.07.2021	
Y7BG	FULLY_CORROBORATED	31.07.2021	
Y7G8	PARTIALLY_CORROBORATED	31.07.2021	
Y7PW	FULLY_CORROBORATED	01.04.2022	
Y8WC	PARTIALLY_CORROBORATED	31.07.2021	
Y9F2	FULLY_CORROBORATED	01.04.2022	
YA01	PARTIALLY_CORROBORATED	31.07.2021	
YADL	PARTIALLY_CORROBORATED	31.07.2021	
YCV2	FULLY_CORROBORATED	31.07.2021	
YH15	PARTIALLY_CORROBORATED	31.07.2021	
YJM5	PARTIALLY_CORROBORATED	31.07.2021	
YJZ3	FULLY_CORROBORATED	31.07.2021	
YO83	FULLY_CORROBORATED	31.07.2021	
YOU8	FULLY_CORROBORATED	31.07.2021	
YP04	FULLY_CORROBORATED	01.04.2022	
YQDQ	FULLY_CORROBORATED	31.07.2021	
YQLO	FULLY_CORROBORATED	31.07.2021	
YS05	FULLY_CORROBORATED	01.04.2022	
YTY3	FULLY_CORROBORATED	01.04.2022	

entity_legal_form_code	corroboration_compliance	effective_date	comment
YUCL	PARTIALLY_CORROBORATED	31.07.2021	
YVE8	FULLY_CORROBORATED	01.04.2022	
YVSB	FULLY_CORROBORATED	01.04.2022	
YVZD	FULLY_CORROBORATED	01.04.2022	
YWKO	FULLY_CORROBORATED	31.07.2021	
YX4E	PARTIALLY_CORROBORATED	31.07.2021	
YXX0	FULLY_CORROBORATED	31.07.2021	
YY5A	FULLY_CORROBORATED	01.04.2022	
Z016	FULLY_CORROBORATED	31.07.2021	
ZOEY	PARTIALLY_CORROBORATED	31.07.2021	
ZOJP	PARTIALLY_CORROBORATED	31.07.2021	
Z2FQ	PARTIALLY_CORROBORATED	31.07.2021	
Z54A	FULLY_CORROBORATED	31.07.2021	
Z5WG	PARTIALLY_CORROBORATED	31.07.2021	
Z73Z	FULLY_CORROBORATED	31.07.2021	
Z7ER	FULLY_CORROBORATED	01.04.2022	
Z92A	FULLY_CORROBORATED	31.07.2021	
Z9C5	FULLY_CORROBORATED	01.04.2022	
Z9CH	FULLY_CORROBORATED	31.07.2021	
Z9K8	PARTIALLY_CORROBORATED	31.07.2021	
ZCHO	FULLY_CORROBORATED	31.07.2021	
ZD39	FULLY_CORROBORATED	31.07.2021	
ZECH	PARTIALLY_CORROBORATED	31.07.2021	
ZEZ2	FULLY_CORROBORATED	31.07.2021	
ZG6S	FULLY_CORROBORATED	31.07.2021	
ZHZP	FULLY_CORROBORATED	31.07.2021	
ZJPG	FULLY_CORROBORATED	31.07.2021	
ZJTK	FULLY_CORROBORATED	31.07.2021	

entity_legal_form_code	corroboration_compliance	effective_date	comment
ZKTC	FULLY_CORROBORATED	31.07.2021	
ZLIW	FULLY_CORROBORATED	31.07.2021	
ZM5P	PARTIALLY_CORROBORATED	31.07.2021	
ZPEZ	PARTIALLY_CORROBORATED	31.07.2021	
ZQ6S	PARTIALLY_CORROBORATED	31.07.2021	
ZQ9B	PARTIALLY_CORROBORATED	31.07.2021	
ZQIT	PARTIALLY_CORROBORATED	31.07.2021	
ZQ08	FULLY_CORROBORATED	01.04.2022	
ZQZW	FULLY_CORROBORATED	31.07.2021	
ZRPO	FULLY_CORROBORATED	19.07.2019	
ZULC	FULLY_CORROBORATED	31.07.2021	
ZVS9	FULLY_CORROBORATED	01.04.2022	
ZXHJ	PARTIALLY_CORROBORATED	31.07.2021	
ZXZ7	FULLY_CORROBORATED	31.07.2021	
ZY9X	PARTIALLY_CORROBORATED	31.07.2021	
ZZOX	PARTIALLY_CORROBORATED	31.07.2021	
ZZGG	PARTIALLY_CORROBORATED	31.07.2021	
ZZOG	FULLY_CORROBORATED	31.07.2021	

ELF Funds v1.1

ELF Code	Country Code (ISO 3166-1)	Is used only for funds?	Is pension fund?
ADXG	AU	yes	no
ZD74	AZ	yes	no
28RA	HR	yes	no
SNWJ	CZ	yes	yes
1MWR	DK	yes	no
MQU9	FR	yes	no
VBQP	FR	yes	no
X78I	FR	yes	no
EX8U	IN	yes	no
HBQK	IN	yes	no
U8NM	IN	yes	no
VX5J	IN	yes	no
W0G7	IN	yes	yes
2GV9	IE	yes	no
BEAN	LU	yes	no
UDY2	LU	yes	no
JHK5	NL	yes	no
QUX1	PL	yes	no
RBHP	PL	yes	no
SVA3	PL	yes	no
6L6P	PT	yes	no
YGHZ	RU	yes	no
Z2AQ	RU	yes	yes
7EG2	SK	yes	no

ELF Code	Country Code (ISO 3166-1)	Is used only for funds?	Is pension fund?
FCJF	ES	yes	no
FH4R	ES	yes	yes
JTV5	ES	yes	no
QMUM	ES	yes	no
S0Z5	ES	yes	no
UJ35	ES	yes	no
XYGP	ES	yes	no
54WI	CH	yes	no
FLNB	CH	yes	no
XJOT	CH	yes	no
LJW	NO	yes	no

RA Formats v1.7.7

registration_authority	regex
RA000001	^[0-9]{1,6}\$
RA000009	^(\\d{2}-\\d{8}-\\d{1})\$
RA000013	^[0-9]{2}\\s[0-9]{3}\\s[0-9]{3}\\s[0-9]{3}\$
RA000014	^[0-9]{3}\\s[0-9]{3}\\s[0-9]{3}\$
RA000015	^[0-9]{3}\\s[0-9]{3}\\s[0-9]{3}\$
RA000017	^(\\d{1,6})\$ ^(\\d{1,6})\\s?([a-z])\$ ^(\\d{9,10})\$ ^(\\d{8,13})\$
RA000020	^(\\d{3,7}[A-Z]?)\$
RA000024	^(\\d{9})\$
RA000025	^(BE[0,1]\\d{9})\$ ^(0,1]\\d{8,9})\$ ^(\\d{3,4}\\.\\d{3}\\.\\d{3})\$
RA000028	^(\\d{2,5} \\d{8,9})\$
RA000034	^(\\d{12,13} \\d-\\d{2} \\d{1,2}-\\d{3,5} \\d-\\d{3}-\\d \\d{1}-\\d{4}-\\d{2} \\d{2}-\\d{2}-\\d{4}-\\d{2})\$
RA000040	^(\\d{2}\\.\\d{3}\\.\\d{3})/\\d{4}-\\d{2})\$
RA000059	^(\\d{11})\$ ^(\\d{3}\\.\\d{3}\\.\\d{3}-\\d{2})\$ ^(\\d{2}\\.\\d{3}\\.\\d{3})/\\d{1,4}-\\d{2})\$
RA000065	^(\\d{9})\$
RA000066	^(\\d{13} \\d{10} \\d{9})\$
RA000072	^(\\d{6,7}-\\d{1})\$ ^(\\d{7,8})\$ ^(\\d{9}[A-Z]{2}\\d{4})\$
RA000073	^[A-Z0-9]{9,10}\$
RA000079	^(\\d{4,10})\$
RA000081	^(\\d{10})\$
RA000082	^(\\d{9} \\d{6})\$
RA000087	^(\\d{1,7})\$
RA000092	^([A-Z0-9]{18})\$
RA000156	^([0-1]\\d{8} \\d{11})\$

registration_authority	regex
RA000157	^(\\d{11} [A-Z0-9]{12})\$
RA000161	^((\\Sigma{s}?\\d{1,6}) ([A-\\Omega]{2}\\s?\\d{1,6})))\$
RA000163	^(\\d{8})\$ ^(\\d{3}\\s\\d{2}\\s\\d{3})\$
RA000164	^(\\d{8})\$
RA000165	^(\\d{8})\$
RA000166	^(\\d{8})\$
RA000167	^(\\d{8})\$
RA000168	^(\\d{8})\$
RA000170	^(\\d{8})\$
RA000171	^((\\d{5}) (\\d{5}-\\d{3})))\$
RA000181	^(\\d{8})\$
RA000188	^(\\d{7}-\\d{1})\$ ^(\\d{8})\$
RA000189	^(\\d{9})\$ ^(\\d{3}\\s\\d{3}\\s\\d{3})\$ ^(\\d{7})\$
RA000192	^(\\d{9})\$ ^(\\d{3}\\s\\d{3}\\s\\d{3})\$ ^(\\d{7})\$
RA000197	^((HRA HRB HRV GnR VR PR GsR)\\s\\d{1,8})(\\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000200	^((HRA HRB HRV GnR VR PR GsR)\\s\\d{1,8})(\\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000201	^((HRA HRB HRV GnR VR PR GsR)\\s\\d{1,8})(\\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000203	^((HRA HRB HRV GnR VR PR GsR)\\s\\d{1,8})(\\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000204	^((HRA HRB HRV GnR VR PR GsR)\\s\\d{1,8})(\\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000205	^((HRA HRB HRV GnR VR PR GsR)\\s\\d{1,8})(\\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000206	^((HRA HRB HRV GnR VR PR GsR)\\s\\d{1,8})(\\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000207	^((HRA HRB HRV GnR VR PR GsR)\\s\\d{1,8})(\\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000208	^((HRA HRB HRV GnR VR PR GsR)\\s\\d{1,8})(\\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000209	^((HRA HRB HRV GnR VR PR GsR)\\s\\d{1,8})(\\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000210	^((HRA HRB HRV GnR VR PR GsR)\\s\\d{1,8})(\\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000213	^((HRA HRB HRV GnR VR PR GsR)\\s\\d{1,8})(\\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000215	^((HRA HRB HRV GnR VR PR GsR)\\s\\d{1,8})(\\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000216	^((HRA HRB HRV GnR VR PR GsR)\\s\\d{1,8})(\\s?[A-ZÜÖÄ]{1,3})?\$\$

registration_authority	regex
RA000217	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000218	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000219	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000220	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000221	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000222	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000224	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000225	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000226	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000227	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000228	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000229	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000230	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000231	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000232	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000233	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000234	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000235	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000236	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000238	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000239	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000240	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000241	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000242	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000243	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000244	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000245	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000246	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$

registration_authority	regex
RA000247	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000248	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000249	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
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RA000252	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
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RA000257	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000258	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
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RA000261	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
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RA000279	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$

registration_authority	regex
RA000280	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000281	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000282	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000283	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
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RA000288	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000289	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000290	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000291	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
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RA000295	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000296	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000297	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000298	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000299	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000300	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000301	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000302	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000303	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000304	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000305	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000306	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000307	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000308	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_

registration_authority	regex
RA000309	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000310	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000311	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000312	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000313	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000314	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000315	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000316	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000317	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000319	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000320	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000321	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000322	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000324	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000325	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000326	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000328	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000329	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000330	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000331	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000332	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000333	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000336	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000337	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000338	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000339	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000340	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_
RA000341	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$_

registration_authority	regex
RA000343	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000345	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000347	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000348	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000349	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000350	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000351	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000352	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000353	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000354	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000355	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000356	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000358	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000360	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000362	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000363	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000364	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000365	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000368	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000369	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000370	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000371	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000372	^((HRA HRB HRV GnR VR PR GsR)\s\d{1,8})(\s?[A-ZÜÖÄ]{1,3})?\$\$
RA000378	^\d{8}\$
RA000383	^\d{1,6}\$
RA000388	^([A-Z]{2}\d{7})\$ ^([A-Z]{1}\d{7})\$ ^(\d{5,8})\$
RA000391	^\d{8}\$ ^(\d{2}-\d{2}-\d{6})\$
RA000392	^\d{4}-(\d{1,3} \d{2,3}-\d{1,2})) \d{8}\$

registration_authority	regex
RA000393	^(\\d{10})\$ ^(\\d{6}-\\d{4})\$
RA000394	^(((L U)\\d{5}[A-Za-z]{2}\\d{4}[A-Za-z]{3}\\d{6}) ([A-Za-z]{3}-\\d{4}) (F\\d{5}) (F[A-Za-z]{3}-\\d{4}))\$
RA000397	^([A-Z0-9]{10})\$
RA000400	^(\\d{2}\\.\\d{3}\\.\\d{3}\\.\\d{1}-\\d{3}\\.\\d{3})\$
RA000402	^([a-zA-Z0-9]{3,7})\$
RA000403	^([a-zA-Z0-9]{3,7})\$
RA000404	^([C]\\d{3,7} ^\\d{1,3}CU)\$
RA000405	^(\\d{6}[A-Z])\$
RA000406	^(\\d{9})\$
RA000407	^((\\d{11}) ([A-Z]{6}\\d{2}[A-Z]\\d{2}[A-Z][A-Z0-9]{3}[A-Z]))\$
RA000408	^(\\d{1,7})\$
RA000412	^(\\d{4}-?\\d{2}-?\\d{6})\$
RA000414	^(\\d{1,6})\$
RA000423	^(\\d{11})\$
RA000424	^(\\d{11})\$
RA000428	^(FL-\\d{4}\\.\\d{3}\\.\\d{3}\\-\\d{1})\$
RA000429	^(FL-\\d{4}\\.\\d{3}\\.\\d{3}\\-\\d{1})\$
RA000430	^(\\d{9})\$
RA000431	^((\\d{9} [A-Z]\\d{3} (SF)\\d{3} [A-Z]{3}-\\d{2})\\/\\d{2} [A-Z]{3}-[A-Z]{4}))\$
RA000432	^((B E I J O S A F G K D M O)\\d{1,6})\$
RA000444	^(\\d{1,6})\$
RA000449	^([A-ZÑ&]{3,4}\\s?-?\\s?\\d{6}[A-Z0-9]{3})\$
RA000452	^(\\d{2,4}[A-Z]\\d{5}) \\d{2}[A-Z]{1,3}\\d{5})\$
RA000463	^(\\d{8})\$
RA000466	^(\\d{1,7} \\d{13})\$
RA000472	^(\\d{9})\$ ^(\\d{3}\\s\\d{3}\\s\\d{3})\$
RA000473	^(\\d{9})\$ ^(\\d{3}\\s\\d{3}\\s\\d{3})\$
RA000484	^(\\d{10})\$

registration_authority	regex
RA000486	^\(\d{10}\)\$
RA000487	^\(\d{9}\)\$
RA000489	^\(\d{1,4}\)\$
RA000497	^([JFC]([0-3][0-9] 40 51 52 99) \d+ \d{4})\$ ^\(\d{2,10}\)\$
RA000498	^([A-Z]{3}\d{2}[A-Z]{4,7} \d{6})\$ ^([A-Z]{3}\d{2}[A-Z]{7,10}\d{4})\$ ^([A-Z0-9]{5}\.\d[A-Z]{4}(([AI]\ \d{6}) ([A-Z]{6}\d{4}))\$ ^([RA-\d{3})\$ ^([SAP-RO-\d{8})\$ ^([FP\d-\d{2,4})\$
RA000499	^\(\d{10}\ \d{13}\ \d{15}\)\$
RA000511	^((SM)?\d{1,5})\$
RA000517	^\(\d{8,9}\)\$
RA000523	^((\d{8,9}[A-Z]) ([A-Z]\d{2}[A-Z]{2}\d{4}[A-Z](\d{3})?))\$
RA000526	^\(\d{8}[a-z]{0,1}\)\$
RA000529	^\(\d{10}\)\$
RA000531	^(([A-Z]{1}\d{10})\$ ^\(\d{4}\ \d{6}\ \d{2}\)\$
RA000533	^([A-Z]{1,2}-[\dA-Za-z]{1,10}-\d{1})\$
RA000535	^([A-Z]\d{8})\$ ^([A-Z]\d{7}[A-Z])\$ ^(\d{8}[A-Z])\$
RA000544	^(\d{10}(\ \d{3})?)\$ ^(\d{6}-\d{4}(\ \d{3})?)\$ ^(\d{14})\$ ^((\d{6,8}-?\d{4})(\s?\d{3})?)\$
RA000546	^((\d{6}-\d{4}) (\d{10}) (\d{8}-\d{4}) (\d{12}))\$
RA000547	^\(\d{4,5}\)\$
RA000548	^((CHE-\d{3}.\d{3}.\d{3}) (CHE-?\d{9}))\$
RA000549	^((CHE-\d{3}.\d{3}.\d{3}) (CHE-?\d{9}))\$
RA000551	^\(\d{8}\)\$
RA000554	^\(\d{13}\)\$
RA000585	^\(\d{8}\)\$ ((AC BR CE FC GE GN GS IC IP LP NA NC NF NI NL NO NP NR NZ OC OE RC RS SA SC SG SE SF SI SL SO SP SR SZ ZC)\d{6})\$ ([R]\d{7}) (IP\d{5}R)\$
RA000586	^\(\d{8}\)\$ ((AC BR CE FC GE GN GS IC IP LP NA NC NF NI NL NO NP NR NZ OC OE RC RS SA SC SG SE SF SI SL SO SP SR SZ ZC)\d{6})\$ ([R]\d{7}) (IP\d{5}R)\$
RA000587	^\(\d{8}\)\$ ((AC BR CE FC GE GN GS IC IP LP NA NC NF NI NL NO NP NR NZ OC OE RC RS SA SC SG SE SF SI SL SO SP SR SZ ZC)\d{6})\$ ([R]\d{7}) (IP\d{5}R)\$

registration_authority	regex
RA000589	^(\\d{6,8}(-\\d)?)\$
RA000590	^(SC\\d{6})\$
RA000598	^(\\d{12})\$ ^((C?\\d{6,7}))\$
RA000599	^(\\d{11})\$
RA000600	^(\\d{7})\$
RA000602	^(\\d{5,7})\$
RA000610	^(\\d{1,7})\$
RA000612	^(\\d{8}[A-Za-z])\$
RA000616	^(\\d{6})\$ ^((\\d{9}))\$
RA000625	^(\\d{10})\$
RA000634	^(^(\\d{8}))\$
RA000636	^(\\d{9})\$
RA000641	^(\\d{3}\\s\\d{3}\\s\\d{3})\$ ^((\\d{9}))\$
RA000647	^([1-9]\\d{1,5})\$
RA000654	^(\\d{9})\$
RA000656	^(\\d{2}-\\d{2}-\\d{7})\$
RA000657	^(\\d{3}-\\d{2}-\\d{5})\$
RA000664	^(\\d{9})\$
RA000666	^(\\d{1,3})\$
RA000667	^(\\d{1,6})\$
RA000668	^(\\d{1,6})\$
RA000681	^(\\d{2}.\\d{3}.\\d{3})\\/(\\d{4}-\\d{2})\$
RA000682	^(\\d{6})\$
RA000685	^(\\d{12})\$
RA000686	^(\\d{8})\$
RA000689	^(\\d{11})\$
RA000690	^(\\d{12})\$
RA000691	^(\\d{13})\$

registration_authority	regex
RA000694	^((\d{7,8}) (\d{3}\s\d{2}\s\d{3}))\$
RA000696	^\d{8}\$
RA000697	^([A-Z]{2}[A-Z0-9]{9}[0-9])\$
RA000706	^(SK)\d{8}[A-Z&]{3}\d{2})\$
RA000707	^\d{10}\$ ^\d{13}\$
RA000708	^([A-Z]{2}[A-Z0-9]{9}[0-9])\$
RA000709	^((\d{10}) ([A-Z]{5}[0-9]{4}[A-Z]))\$
RA000710	^\d{8,10}\$
RA000713	^((\d{10}) ([A-Z]{5}[0-9]{4}[A-Z]))\$
RA000718	^\d+/[ABCDE]\d{4}\$
RA000719	^\d{2,10}\$
RA000720	^\d{5}\$
RA000721	^(([A-Z]{2})-([A-Z]{3})-\d{2}-\d{3,6})\$ ^(([A-Z]{4})-([A-Z]{2})-\d{2}-\d{2}-\d{4})\$ ^(([A-Z]{2})([A-Z]{2})?-([A-Z]{2})-\d{4}(-([A-Z])-([A-Z]{2})-\d{3})?)\$
RA000730	^\d{13} ^\d{10} ^\d{9}\$
RA000735	^\d{6}-\d{4}) ^\d{10}\$
RA000752	^\d{4,5} \d{8}\$
RA000754	^0-9A-Z{15}\$
RA000782	^\d{3,4}/^\d{1,3})\$ ^(\d{2}/^\d{1,2})(/[A-Z])? \$ ^(\d{2}/^\d{1,2})(/\d+)? \$ ^\d{1,6}\$
RA000785	^\d{2}.\d{3}.\d{3}-[K0-9] \d{8}-[K0-9])\$
RA000789	^\d{3,4} \d{2,4}T ^\d{10} \d{9}(K) (GB)\d{9} (GB)\d{12} (GBGD)\d{3} (GBHA)\d{3})\$
RA000856	^\d{10} \d{8})\$
RA000963	^\d{7}\$

RA Funds v1.4.9

Registration_Authority_Code	Country_Code	Financial_Supervisor	is_ValidationAuthority	Comment
RA000661	AD	yes	yes	
RA000569	AE	yes	yes	funds in Abu Dhabi
RA000783	AE	yes	yes	
RA001028	AE	yes	yes	
RA000008	AG	yes	yes	
RA000799	AI	yes	yes	
RA000793	AL	yes	yes	
RA000801	AM	yes	yes	
RA000797	AO	yes	yes	
RA000798	AO	yes	yes	
RA000800	AR	yes	yes	
RA000018	AT	yes	yes	
RA000013	AU		yes	
RA000015	AU	yes	yes	
RA000714	AU	yes	yes	
RA000762	AU		yes	
RA000802	AW	yes	yes	
RA000804	AZ	yes	yes	
RA000818	BA	yes	yes	
RA000819	BA	yes	yes	
RA000809	BB	yes	yes	
RA000808	BD	yes	yes	
RA000025	BE		yes	until financial supervisor for alternative investment undertakings (FPS Finance) is added to the RA list
RA000812	BE	yes	yes	
RA000814	BF		yes	
RA000066	BG	yes	yes	

Registration_Authority_Code	Country_Code	Financial_Supervisor	is_ValidationAuthority	Comment
RA000807	BH	yes	yes	
RA000825	BI	yes	yes	
RA000814	BJ		yes	
RA000029	BM	yes	yes	
RA000824	BN	yes	yes	
RA000816	BO		yes	
RA000817	BO	yes	yes	
RA000822	BR	yes	yes	
RA000823	BR	yes	yes	
RA000805	BS	yes	yes	
RA000806	BS	yes	yes	
RA000815	BT	yes	yes	
RA000820	BW	yes	yes	
RA000821	BW	yes	yes	
RA000810	BY	yes	yes	
RA000811	BY	yes	yes	
RA000813	BZ	yes	yes	
RA000830	CA	yes	yes	
RA000832	CA	yes	yes	
RA000833	CA	yes	yes	
RA000834	CA	yes	yes	
RA000835	CA	yes	yes	
RA000836	CA	yes	yes	
RA000837	CA	yes	yes	
RA000838	CA	yes	yes	
RA000839	CA	yes	yes	
RA000840	CA	yes	yes	
RA000841	CA	yes	yes	
RA000842	CA	yes	yes	
RA000843	CA	yes	yes	
RA000844	CA	yes	yes	
RA000851	CD	yes	yes	
RA000829	CF		yes	
RA000845	CF	yes	yes	
RA000829	CG	yes	yes	
RA000850	CG	yes	yes	

Registration_Authority_Code	Country_Code	Financial_Supervisor	is_ValidationAuthority	Comment
RA000550	CH	yes	yes	
RA000678	CH	yes	yes	
RA000814	CI		yes	
RA000152	CK	yes	yes	
RA000846	CL	yes	yes	
RA000829	CM		yes	
RA000847	CN	yes	yes	
RA000848	CO	yes	yes	
RA000852	CR	yes	yes	
RA000853	CR	yes	yes	
RA000854	CU	yes	yes	
RA000683	CV	yes	yes	
RA000826	CV	yes	yes	
RA000855	CW	yes	yes	
RA000162	CY	yes	yes	
RA000694	CZ			Trust funds are trusts
RA000856	CZ	yes	yes	
RA000373	DE	yes	yes	
RA000861	DJ	yes	yes	
RA000171	DK	yes	yes	
RA000862	DM	yes	yes	
RA000863	DO	yes	yes	
RA000864	DO	yes	yes	
RA000865	DO	yes	yes	
RA000794	DZ	yes	yes	
RA000795	DZ		yes	
RA000178	EC	yes	yes	
RA000867	EC	yes	yes	
RA000868	EC	yes	yes	
RA000182	EE	yes	yes	
RA000869	EG	yes	yes	
RA000870	EG	yes	yes	
RA000533	ES		yes	For pension funds (business register)
RA000534	ES	yes	yes	
RA000535	ES		yes	

Registration_Authority_Code	Country_Code	Financial_Supervisor	is_ValidationAuthority	Comment
RA000539	ES		yes	
RA000874	ET	yes	yes	
RA000878	FI	yes	yes	
RA000877	FJ	yes	yes	
RA000875	FK	yes	yes	
RA000948	FM	yes	yes	
RA000876	FO	yes	yes	
RA000189	FR		yes	
RA000190	FR	yes	yes	
RA000192	FR		yes	
RA000879	FR	yes	yes	
RA000829	GA	yes	yes	
RA000585	GB		yes	For Private Fund Limited Partnerships
RA000587	GB		yes	For Private Fund Limited Partnerships
RA000588	GB	yes	yes	
RA000591	GB	yes	yes	
RA000592	GB	yes	yes	
RA000593	GB	yes	yes	
RA000884	GD	yes	yes	
RA000881	GE	yes	yes	
RA000886	GG		yes	
RA000882	GH	yes	yes	
RA000883	GI	yes	yes	
RA000880	GM	yes	yes	
RA000887	GN	yes	yes	
RA000829	GQ	yes	yes	
RA000377	GR	yes	yes	
RA000885	GT	yes	yes	
RA000814	GW	yes	yes	
RA000888	GY	yes	yes	
RA000889	GY	yes	yes	
RA000388	HK		yes	Several incorporated funds are regulated by BR

Registration_Authority_Code	Country_Code	Financial_Supervisor	is_ValidationAuthority	Comment
RA000389	HK		yes	Several incorporated funds are regulated by BR
RA000390	HK	yes	yes	
RA000894	HK	yes	yes	
RA000892	HN	yes	yes	
RA000893	HN	yes	yes	
RA000157	HR	yes	yes	
RA000890	HT	yes	yes	
RA000392	HU	yes	yes	
RA000904	ID	yes	yes	
RA000404	IE	yes	yes	
RA000909	IL	yes	yes	
RA000908	IM	yes	yes	
RA000395	IN	yes	yes	
RA000697	IN			
RA000708	IN			
RA000901	IN	yes	yes	
RA000906	IQ	yes	yes	
RA000907	IQ	yes	yes	
RA000905	IR	yes	yes	
RA000898	IS	yes	yes	
RA000408	IT	yes	yes	
RA000409	IT		yes	
RA000776	IT		yes	
RA000913	JE	yes	yes	
RA000910	JM	yes	yes	
RA000911	JM	yes	yes	
RA000914	JO	yes	yes	
RA000413	JP	yes	yes	
RA000912	JP	yes	yes	
RA000920	KE	yes	yes	
RA000921	KE	yes	yes	
RA000928	KG	yes	yes	
RA000929	KG		yes	
RA000827	KH	yes	yes	

Registration_Authority_Code	Country_Code	Financial_Supervisor	is_ValidationAuthority	Comment
RA000828	KH	yes	yes	
RA000922	KI	yes	yes	
RA000849	KM	yes	yes	
RA000989	KN	yes	yes	
RA000990	KN	yes	yes	
RA000657	KR		yes	
RA000923	KR	yes	yes	
RA000926	KW	yes	yes	
RA000927	KW	yes	yes	
RA000086	KY		yes	
RA000087	KY	yes	yes	
RA000383	GG		yes	
RA000915	KZ		yes	
RA000916	KZ		yes	
RA000917	KZ	yes	yes	
RA000918	KZ		yes	
RA000919	KZ	yes	yes	
RA000930	LA		yes	
RA000931	LA	yes	yes	
RA000933	LB	yes	yes	
RA000991	LC	yes	yes	
RA000429	LI	yes	yes	
RA001004	LK	yes	yes	
RA001005	LK	yes	yes	
RA000935	LR	yes	yes	
RA000934	LS	yes	yes	
RA000431	LT	yes	yes	
RA000432	LU		yes	For unsupervised RAIF only
RA000433	LU	yes	yes	
RA000932	LV	yes	yes	
RA000936	LY		yes	
RA000937	LY	yes	yes	
RA000955	MA	yes	yes	
RA000453	MC	yes	yes	
RA000950	MD	yes	yes	

Registration_Authority_Code	Country_Code	Financial_Supervisor	is_ValidationAuthority	Comment
RA000951	MD		yes	
RA000953	ME	yes	yes	
RA000954	ME		yes	
RA000939	MG	yes	yes	
RA000946	MH	yes	yes	
RA000968	MK	yes	yes	
RA000969	MK	yes	yes	
RA000814	ML		yes	
RA000957	MM	yes	yes	
RA000958	MM	yes	yes	
RA000952	MN	yes	yes	
RA000938	MO	yes	yes	
RA000970	MP	yes	yes	
RA000947	MR	yes	yes	
RA000456	MS	yes	yes	
RA000945	MT	yes	yes	
RA000757	MU	yes	yes	
RA000943	MV	yes	yes	
RA000944	MV	yes	yes	
RA000940	MW	yes	yes	
RA000449	MX		yes	
RA000949	MX	yes	yes	
RA000942	MY	yes	yes	
RA000956	MZ	yes	yes	
RA000959	NA	yes	yes	
RA000960	NA	yes	yes	
RA000814	NE		yes	
RA000966	NG	yes	yes	
RA000967	NG		yes	
RA000965	NI	yes	yes	
RA000464	NL	yes	yes	
RA000971	NO	yes	yes	
RA000962	NP	yes	yes	
RA000961	NR	yes	yes	
RA000964	NZ	yes	yes	
RA000972	OM	yes	yes	

Registration_Authority_Code	Country_Code	Financial_Supervisor	is_ValidationAuthority	Comment
RA000976	PA	yes	yes	
RA000979	PE	yes	yes	
RA000980	PE	yes	yes	
RA000977	PG	yes	yes	
RA000483	PH	yes	yes	
RA000475	PK	yes	yes	
RA000485	PL	yes	yes	
RA000665	PR	yes	yes	
RA000982	PR	yes	yes	
RA000974	PS	yes	yes	
RA000975	PS	yes	yes	
RA000488	PT	yes	yes	
RA000489	PT	yes	yes	Applicable for pension funds
RA000981	PT		yes	
RA000973	PW	yes	yes	
RA000978	PY	yes	yes	
RA000983	QA	yes	yes	
RA000984	QA		yes	
RA000498	RO	yes	yes	
RA000684	RS	yes	yes	
RA000985	RU	yes	yes	
RA000986	RW	yes	yes	
RA000987	RW	yes	yes	
RA000702	SA	yes	yes	
RA000998	SB	yes	yes	
RA000520	SC	yes	yes	
RA001006	SD	yes	yes	
RA000546	SE		yes	
RA000547	SE	yes	yes	
RA000523	SG		yes	
RA000524	SG	yes	yes	
RA000996	SG	yes	yes	
RA000988	SH	yes	yes	
RA000997	SI	yes	yes	
RA000706	SK	yes	yes	

Registration_Authority_Code	Country_Code	Financial_Supervisor	is_ValidationAuthority	Comment
RA000995	SL	yes	yes	
RA000993	SM	yes	yes	
RA000814	SN		yes	
RA001007	SR	yes	yes	
RA001001	SS	yes	yes	
RA000994	ST	yes	yes	
RA000871	SV	yes	yes	
RA000855	SX	yes	yes	
RA001008	SY	yes	yes	
RA000872	SZ	yes	yes	
RA000873	SZ	yes	yes	
RA000829	TD		yes	
RA000814	TG		yes	
RA001016	TG		yes	
RA001013	TH		yes	
RA001014	TH	yes	yes	
RA001010	TJ	yes	yes	
RA000964	TK	yes	yes	
RA001015	TL	yes	yes	
RA001023	TM	yes	yes	
RA001020	TN	yes	yes	
RA001021	TN		yes	
RA001017	TO	yes	yes	
RA000756	TR		Registration Authority only	
RA001022	TR	yes	yes	
RA001018	TT	yes	yes	
RA001019	TT		yes	
RA001009	TW	yes	yes	
RA001011	TZ	yes	yes	
RA001012	TZ		yes	
RA001026	UA	yes	yes	
RA001027	UA		yes	
RA001025	UG	yes	yes	
RA000665	US	yes	yes	
RA001033	US	yes	yes	
RA001034	UY	yes	yes	

Registration_Authority_Code	Country_Code	Financial_Supervisor	is_ValidationAuthority	Comment
RA001035	UZ		yes	
RA001036	UZ		yes	
RA000891	VA	yes	yes	
RA000992	VC	yes	yes	
RA001037	VE	yes	yes	
RA001038	VE		yes	
RA000665	VI	yes	yes	
RA001024	VI	yes	yes	
RA001039	VN	yes	yes	
RA000647	VU	yes	yes	
RA000509	WS	yes	yes	
RA000925	XK	yes	yes	
RA001040	YE	yes	yes	
RA000782	ZA	yes	yes	
RA001000	ZA	yes	yes	
RA001041	ZM		yes	
RA001042	ZM	yes	yes	
RA001043	ZW	yes	yes	
RA001044	ZW	yes	yes	

Sole Proprietorship v1.0

ELFCode	is_sole_proprietorship
13AV	no
17FJ	no
17R7	no
1CML	yes
1DGT	no
1HGD	no
1QMT	no
1QU8	no
1TN0	no
211B	no
254M	no
2GV9	no
2HBR	no
2JZ4	no
358I	no
363J	no
36AO	no
3EKS	no
40DB	no
4GJI	no
4QXM	yes
4YUU	no
54AL	no
54M6	no
54P7	no
55MA	no
57V7	no
59F9	no
5GGB	no
5QS7	no
5RDO	no
5SGV	no
6CHY	no
6QQB	no
7RRP	no
81G5	no
85VD	no
8BL9	no
8Z6G	no

ELFCode	is_sole_proprietorship
92JZ	no
946C	yes
956I	no
995K	no
9BPE	no
9D9U	yes
9KSX	no
9T5S	no
ANDT	no
AOS4	no
AXSB	no
AZA0	yes
B6ES	no
BAK2	no
BEAY	no
BEWI	no
BKUX	no
BPLS	no
BQRL	no
BRGA	no
BSJT	no
BSZ8	no
BTQ1	no
BVOE	no
C061	no
C3RQ	no
C609	no
CDOT	no
CDXK	no
CX05	no
DFE5	no
DP3Q	no
DVXS	no
E4KB	no
ECWU	yes
EJ06	no
EPG7	no
ES2D	no
EXD7	yes
EZNQ	no
FH4R	no
FJ0E	no
FJQ8	yes
FUKI	yes
FYOF	no

ELFCode	is_sole_proprietorship
GQVQ	no
H0PO	no
H781	no
H8VP	no
I8RE	maybe
ID30	no
IKMB	no
INTY	no
IT6N	no
IYZI	no
J7L0	no
J9OZ	no
JC0Y	no
JN2P	no
JOX1	no
K65D	no
K9L6	no
L7HX	no
LARO	no
LMIM	no
LWV6	no
LWXI	no
LZFR	no
M8SS	no
MNQ7	no
MVII	no
N5NT	no
NUL8	no
O5HQ	no
O7XB	no
O85W	no
O90R	no
OL20	yes
OMX0	no
ONF1	no
OPRT	no
OV32	no
P2R9	no
P418	no
P9CF	yes
P9F2	no
PQHL	no
QCWO	no
QZ3L	no
QZTT	no

ELFCode	is_sole_proprietorship
R155	no
R4KK	no
R85P	no
RCPI	no
S2E3	no
S3DA	no
SFYA	no
SQXV	no
TOYJ	no
TMU1	no
TXVC	no
U8KA	no
UDLA	no
UG3Z	no
UJ35	no
ULJ1	no
US8E	no
USOG	no
V89C	no
V9QP	no
VF4C	no
VJ3G	no
VJV5	no
VSZS	no
VYAX	no
W2NK	no
W3WH	no
WBKH	no
WVIN	no
X1EL	no
XE4Z	no
XHN1	no
XJHM	no
XPE5	no
XQZX	no
Y8LH	no
YI42	no
ZOEY	no
ZONE	no
ZRPO	no
ZVVM	yes

Placeholders v1.0

Placeholders
NOT AVAILABLE
N.A.
N.A
N/A
N A
N.V
N.V.
N V
EXENTO
EXENTA
NO SUJETO
0
TRUST
OBCHODNÝ REGISTER
REGISTRAR OF COMPANIES
HANDELSREGISTER
COMPANIES REGISTER
TRADE AND COMPANY REGISTER
FUND REGISTER
TRADE REGISTER
TRUST REGISTER
BUSINESS REGISTER
DOCUMENT
DOCUMENTS
REGISTER
OTHER
OTHER
OTHERS
REGISTO COMERCIAL
COMMERCIAL_REGISTER
INTERMEDIARY REGISTER
COMPANY REGISTER
REGISTRY OF TRUST
REGISTER OF COMPANIES
REGISTRO COMERCIAL (TRADE REGISTER)
DiğER
NULLVALUE
UNDEFINED
OTHERLEGALFORM

Placeholders
OTHER COMPANY TYPE
S/N
UNKNOWN
000

Index	City Name	Lat	Long	Country
1	Abidjan	0.3	-4.3	Ivory Coast
2	Accra	-5.7	-0.2	Ghana
3	Algiers	36.8	2.9	Algeria
4	Antananarivo	-18.9	47.5	Madagascar
5	Asmara	15.7	39.8	Eritrea
6	Bamako	15.3	-5.8	Mali
7	Bangui	4.3	15.1	Central African Republic
8	Banjul	13.5	-17.4	Gambia
9	Bata	0.8	9.2	Ghana
10	Bissau	12.9	-16.8	Guinea-Bissau
11	Bogotá	4.6	-74.1	Colombia
12	Brazzaville	4.3	15.4	Congo
13	Bukavu	-0.5	25.4	Congo
14	Bujumbura	-0.5	29.4	Rwanda
15	Bulawayo	-19.4	27.9	Zimbabwe
16	Burundi	-0.5	29.4	Rwanda
17	Conakry	10.4	-13.7	Guinea
18	Dakar	14.6	-17.4	Senegal
19	Dili	-8.0	125.7	East Timor
20	Djibouti	12.0	43.0	Djibouti
21	Douala	4.3	15.1	Cameroon
22	Durban	-29.3	28.0	South Africa
23	Freetown	6.9	-13.2	Sierra Leone
24	Gaborone	-24.9	28.0	Botswana
25	Gao	15.3	-5.8	Mali
26	Gauteng	-26.0	28.0	South Africa
27	Goma	-0.5	25.4	Congo
28	Gongola	15.3	-5.8	Mali
29	Gough Island	-49.0	24.0	South Africa
30	Grenoble	45.0	5.0	France
31	Habana	23.1	-82.3	Cuba
32	Hargeisa	12.0	43.0	Somalia
33	Havana	23.1	-82.3	Cuba
34	Hausa	15.3	-5.8	Mali
35	Helsinki	61.9	25.0	Finland
36	Honiara	-13.5	155.0	Papua New Guinea
37	Hot Springs	35.0	-75.0	United States
38	Johannesburg	-26.0	28.0	South Africa
39	Juba	1.0	30.0	South Sudan
40	Khartoum	15.3	32.0	Sudan
41	Kigali	-1.3	29.8	Rwanda
42	Kinshasa	-4.3	15.1	Congo
43	Kisumu	-0.5	30.0	Kenya
44	Koforidua	5.3	-0.2	Ghana
45	Kota Kinabalu	4.3	115.0	Malaysia
46	Kuala Lumpur	4.3	115.0	Malaysia
47	Lagos	0.3	3.0	Nigeria
48	Lima	-12.0	-77.0	Peru
49	Lisbon	38.7	-9.1	Portugal
50	Lome	0.3	-1.0	Togo
51	Luanda	-13.5	15.0	Angola
52	Maputo	-24.0	30.0	Mozambique
53	Maseru	-29.0	28.0	Lesotho
54	Mogadishu	0.5	43.0	Somalia
55	Mombasa	-0.5	39.0	Kenya
56	Moscow	55.8	37.7	Russia
57	Munich	48.2	11.3	Germany
58	Nairobi	-0.5	37.0	Kenya
59	Ndjamena	15.3	22.0	Chad
60	Nelspruit	-25.0	28.0	South Africa
61	Nicaragua	12.0	-85.0	Nicaragua
62	Nimba	0.5	15.0	Sierra Leone
63	Niamey	15.3	2.0	Niger
64	Nouakchott	15.3	-17.4	Mauritania
65	Nyamekye	0.5	15.0	Sierra Leone
66	Omdurman	15.3	32.0	Sudan
67	Port Louis	-20.0	57.0	Mauritius
68	Port Moresby	-9.0	147.0	Papua New Guinea
69	Prague	50.0	14.4	Czech Republic
70	Rabat	35.8	-4.3	Morocco
71	Rabat-Sale	35.8	-4.3	Morocco
72	Rabat-Salé-Kenitra	35.8	-4.3	Morocco
73	Rabat-Salé-Zemmour-Zemour	35.8	-4.3	Morocco
74	Rabat-Salé-Zemmour-Zemour-Zemmour	35.8	-4.3	Morocco
75	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour	35.8	-4.3	Morocco
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154	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
155	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
156	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
157	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
158	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
159	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
160	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
161	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
162	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
163	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
164	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
165	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
166	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
167	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
168	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
169	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
170	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
171	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
172	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
173	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
174	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
175	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
176	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
177	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
178	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
179	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
180	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
181	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
182	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
183	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
184	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
185	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
186	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
187	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
188	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
189	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
190	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
191	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
192	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
193	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
194	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
195	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
196	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
197	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
198	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
199	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
200	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco
201	Rabat-Salé-Zemmour-Zemour-Zemmour-Zemmour-Zemmour	35.8	-4.3	Morocco</

Period	Start Date	End Date	Period Type
1	2023-01-01	2023-01-07	Week
2	2023-01-08	2023-01-14	Week
3	2023-01-15	2023-01-21	Week
4	2023-01-22	2023-01-28	Week
5	2023-01-29	2023-02-04	Week
6	2023-02-05	2023-02-11	Week
7	2023-02-12	2023-02-18	Week
8	2023-02-19	2023-02-25	Week
9	2023-02-26	2023-03-03	Week
10	2023-03-04	2023-03-10	Week
11	2023-03-11	2023-03-17	Week
12	2023-03-18	2023-03-24	Week
13	2023-03-25	2023-03-31	Week
14	2023-04-01	2023-04-07	Week
15	2023-04-08	2023-04-14	Week
16	2023-04-15	2023-04-21	Week
17	2023-04-22	2023-04-28	Week
18	2023-04-29	2023-05-05	Week
19	2023-05-06	2023-05-12	Week
20	2023-05-13	2023-05-19	Week
21	2023-05-20	2023-05-26	Week
22	2023-05-27	2023-06-02	Week
23	2023-06-03	2023-06-09	Week
24	2023-06-10	2023-06-16	Week
25	2023-06-17	2023-06-23	Week
26	2023-06-24	2023-06-30	Week
27	2023-07-01	2023-07-07	Week
28	2023-07-08	2023-07-14	Week
29	2023-07-15	2023-07-21	Week
30	2023-07-22	2023-07-28	Week
31	2023-07-29	2023-08-04	Week
32	2023-08-05	2023-08-11	Week
33	2023-08-12	2023-08-18	Week
34	2023-08-19	2023-08-25	Week
35	2023-08-26	2023-09-01	Week
36	2023-09-02	2023-09-08	Week
37	2023-09-09	2023-09-15	Week
38	2023-09-16	2023-09-22	Week
39	2023-09-23	2023-09-29	Week
40	2023-09-30	2023-10-06	Week
41	2023-10-07	2023-10-13	Week
42	2023-10-14	2023-10-20	Week
43	2023-10-21	2023-10-27	Week
44	2023-10-28	2023-11-03	Week
45	2023-11-04	2023-11-10	Week
46	2023-11-11	2023-11-17	Week
47	2023-11-18	2023-11-24	Week
48	2023-11-25	2023-12-01	Week
49	2023-12-02	2023-12-08	Week
50	2023-12-09	2023-12-15	Week
51	2023-12-16	2023-12-22	Week
52	2023-12-23	2023-12-29	Week
53	2023-12-30	2023-01-05	Week
54	2023-01-06	2023-01-12	Week
55	2023-01-13	2023-01-19	Week
56	2023-01-20	2023-01-26	Week
57	2023-01-27	2023-02-02	Week
58	2023-02-03	2023-02-09	Week
59	2023-02-10	2023-02-16	Week
60	2023-02-17	2023-02-23	Week
61	2023-02-24	2023-02-28	Week
62	2023-02-29	2023-03-05	Week
63	2023-03-06	2023-03-12	Week
64	2023-03-13	2023-03-19	Week
65	2023-03-20	2023-03-26	Week
66	2023-03-27	2023-03-31	Week
67	2023-04-01	2023-04-07	Week
68	2023-04-08	2023-04-14	Week
69	2023-04-15	2023-04-21	Week
70	2023-04-22	2023-04-28	Week
71	2023-04-29	2023-05-05	Week
72	2023-05-06	2023-05-12	Week
73	2023-05-13	2023-05-19	Week
74	2023-05-20	2023-05-26	Week
75	2023-05-27	2023-06-02	Week
76	2023-06-03	2023-06-09	Week
77	2023-06-10	2023-06-16	Week
78	2023-06-17	2023-06-23	Week
79	2023-06-24	2023-06-30	Week
80	2023-06-31	2023-07-07	Week
81	2023-07-08	2023-07-14	Week
82	2023-07-15	2023-07-21	Week
83	2023-07-22	2023-07-28	Week
84	2023-07-29	2023-08-04	Week
85	2023-08-05	2023-08-11	Week
86	2023-08-12	2023-08-18	Week
87	2023-08-19	2023-08-25	Week
88	2023-08-26	2023-09-01	Week
89	2023-09-02	2023-09-08	Week
90	2023-09-09	2023-09-15	Week
91	2023-09-16	2023-09-22	Week
92	2023-09-23	2023-09-29	Week
93	2023-09-30	2023-10-06	Week
94	2023-10-07	2023-10-13	Week
95	2023-10-14	2023-10-20	Week
96	2023-10-21	2023-10-27	Week
97	2023-10-28	2023-11-03	Week
98	2023-11-04	2023-11-10	Week
99	2023-11-11	2023-11-17	Week
100	2023-11-18	2023-11-24	Week
101	2023-11-25	2023-12-01	Week
102	2023-12-02	2023-12-08	Week
103	2023-12-09	2023-12-15	Week
104	2023-12-16	2023-12-22	Week
105	2023-12-23	2023-12-29	Week
106	2023-12-30	2023-01-05	Week
107	2023-01-06	2023-01-12	Week
108	2023-01-13	2023-01-19	Week
109	2023-01-20	2023-01-26	Week
110	2023-01-27	2023-02-02	Week
111	2023-02-03	2023-02-09	Week
112	2023-02-10	2023-02-16	Week
113	2023-02-17	2023-02-23	Week
114	2023-02-24	2023-02-28	Week
115	2023-02-29	2023-03-05	Week
116	2023-03-06	2023-03-12	Week
117	2023-03-13	2023-03-19	Week
118	2023-03-20	2023-03-26	Week
119	2023-03-27	2023-03-31	Week
120	2023-04-01	2023-04-07	Week
121	2023-04-08	2023-04-14	Week
122	2023-04-15	2023-04-21	Week
123	2023-04-22	2023-04-28	Week
124	2023-04-29	2023-05-05	Week
125	2023-05-06	2023-05-12	Week
126	2023-05-13	2023-05-19	Week
127	2023-05-20	2023-05-26	Week
128	2023-05-27	2023-06-02	Week
129	2023-06-03	2023-06-09	Week
130	2023-06-10	2023-06-16	Week
131	2023-06-17	2023-06-23	Week
132	2023-06-24	2023-06-30	Week
133	2023-06-31	2023-07-07	Week
134	2023-07-08	2023-07-14	Week
135	2023-07-15	2023-07-21	Week
136	2023-07-22	2023-07-28	Week
137	2023-07-29	2023-08-04	Week
138	2023-08-05	2023-08-11	Week
139	2023-08-12	2023-08-18	Week
140	2023-08-19	2023-08-25	Week
141	2023-08-26	2023-09-01	Week
142	2023-09-02	2023-09-08	Week
143	2023-09-09	2023-09-15	Week
144	2023-09-16	2023-09-22	Week
145	2023-09-23	2023-09-29	Week
146	2023-09-30	2023-10-06	Week
147	2023-10-07	2023-10-13	Week
148	2023-10-14	2023-10-20	Week
149	2023-10-21	2023-10-27	Week
150	2023-10-28	2023-11-03	Week
151	2023-11-04	2023-11-10	Week
152	2023-11-11	2023-11-17	Week
153	2023-11-18	2023-11-24	Week
154	2023-11-25	2023-12-01	Week
155	2023-12-02	2023-12-08	Week
156	2023-12-09	2023-12-15	Week
157	2023-12-16	2023-12-22	Week
158	2023-12-23	2023-12-29	Week
159	2023-12-30	2023-01-05	Week
160	2023-01-06	2023-01-12	Week
161	2023-01-13	2023-01-19	Week
162	2023-01-20	2023-01-26	Week
163	2023-01-27	2023-02-02	Week
164	2023-02-03	2023-02-09	Week
165	2023-02-10	2023-02-16	Week
166	2023-02-17	2023-02-23	Week
167	2023-02-24	2023-02-28	Week
168	2023-02-29	2023-03-05	Week
169	2023-03-06	2023-03-12	Week
170	2023-03-13	2023-03-19	Week
171	2023-03-20	2023-03-26	Week
172	2023-03-27	2023-03-31	Week
173	2023-04-01	2023-04-07	Week
174	2023-04-08	2023-04-14	Week
175	2023-04-15	2023-04-21	Week
176	2023-04-22	2023-04-28	Week
177	2023-04-29	2023-05-05	Week
178	2023-05-06	2023-05-12	Week
179	2023-05-13	2023-05-19	Week
180	2023-05-20	2023-05-26	Week
181	2023-05-27	2023-06-02	Week
182	2023-06-03	2023-06-09	Week
183	2023-06-10	2023-06-16	Week
184	2023-06-17	2023-06-23	Week
185	2023-06-24	2023-06-30	Week
186	2023-06-31	2023-07-07	Week
187	2023-07-08	2023-07-14	Week
188	2023-07-15	2023-07-21	Week
189	2023-07-22	2023-07-28	Week
190	2023-07-29	2023-08-04	Week
191	2023-08-05	2023-08-11	Week
192	2023-08-12	2023-08-18	Week
193	2023-08-19	2023-08-25	Week
194	2023-08-26	2023-09-01	Week
195	2023-09-02	2023-09-08	Week
196	2023-09-09	2023-09-15	Week
197	2023-09-16	2023-09-22	Week
198	2023-09-23	2023-09-29	Week
199	2023-09-30	2023-10-06	Week
200	2023-10-07	2023-10-13	Week
201	2023-10-14	2023-10-20	Week
202	2023-10-21	2023-10-27	Week
203	2023-10-28	2023-11-03	Week
204	2023-11-04	2023-11-10	Week
205	2023-11-11	2023-11-17	Week
206	2023-11-18	2023-11-24	Week
207	2023-11-25	2023-12-01	Week
208	2023-12-02	2023-12-08	Week
209	2023-12-09	2023-12-15	Week
210	2023-12-16	2023-12-22	Week
211	2023-12-23	2023-12-29	Week
212	2023-12-30	2023-01-05	Week
213	2023-01-06	2023-01-12	Week
214	2023-01-13	2023-01-19	Week
215	2023-01-20	2023-01-26	Week
216	2023-01-27	2023-02-02	Week
217	2023-02-03	2023-02-09	Week
218	2023-02-10	2023-02-16	Week
219	2023-02-17	2023-02-23	Week
220	2023-02-24	2023-02-28	Week
221	2023-02-29	2023-03-05	Week
222	2023-03-06	2023-03-12	Week
223	2023-03-13	2023-03-19	Week
224	2023-03-20	2023-03-26	Week
225	2023-03-27	2023-03-31	Week
226	2023-04-01	2023-04-07	Week
227	2023-04-08	2023-04-14	Week
228	2023-04-15	2023-04-21	Week
229	2023-04-22	2023-04-28	Week
230	2023-04-2		

Period	Day	Month	Year
1	1	January	2000
2	2	February	2000
3	3	March	2000
4	4	April	2000
5	5	May	2000
6	6	June	2000
7	7	July	2000
8	8	August	2000
9	9	September	2000
10	10	October	2000
11	11	November	2000
12	12	December	2000
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14	14	February	2001
15	15	March	2001
16	16	April	2001
17	17	May	2001
18	18	June	2001
19	19	July	2001
20	20	August	2001
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22	22	October	2001
23	23	November	2001
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26	26	February	2002
27	27	March	2002
28	28	April	2002
29	29	May	2002
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31	31	July	2002
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33	33	September	2002
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35	35	November	2002
36	36	December	2002
37	37	January	2003
38	38	February	2003
39	39	March	2003
40	40	April	2003
41	41	May	2003
42	42	June	2003
43	43	July	2003
44	44	August	2003
45	45	September	2003
46	46	October	2003
47	47	November	2003
48	48	December	2003
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63	63	March	2005
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66	66	June	2005
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75	75	March	2006
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86	86	February	2007
87	87	March	2007
88	88	April	2007
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91	91	July	2007
92	92	August	2007
93	93	September	2007
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110	110	February	2009
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112	112	April	2009
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115	115	July	2009
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140	140	August	2011
141	141	September	2011
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144	144	December	2011
145	145	January	2012
146	146	February	2012
147	147	March	2012
148	148	April	2012
149	149	May	2012
150	150	June	2012
151	151	July	2012
152	152	August	2012
153	153	September	2012
154	154	October	2012
155	155	November	2012
156	156	December	2012
157	157	January	2013
158	158	February	2013
159	159	March	2013
160	160	April	2013
161	161	May	2013
162	162	June	2013
163	163	July	2013
164	164	August	2013
165	165	September	2013
166	166	October	2013
167	167	November	2013
168	168	December	2013
169	169	January	2014
170	170	February	2014
171	171	March	2014
172	172	April	2014
173	173	May	2014
174	174	June	2014
175	175	July	2014
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Region	City Name	City ID	City Lat	City Long
North America	Albuquerque	1	35.67	-106.61
North America	Atlanta	2	33.75	-84.39
North America	Baltimore	3	39.0	-76.9
North America	Boise	4	43.65	-116.25
North America	Calgary	5	51.05	-114.15
North America	Chicago	6	41.88	-87.63
North America	Columbus	7	40.45	-83.05
North America	Dallas	8	32.77	-96.8
North America	Denver	9	39.76	-104.99
North America	Edmonton	10	53.54	-113.49
North America	Fort Worth	11	32.77	-97.38
North America	Hartford	12	41.88	-72.39
North America	Houston	13	29.76	-95.37
North America	Indianapolis	14	39.78	-85.78
North America	Jacksonville	15	30.35	-81.65
North America	Kansas City	16	39.05	-94.55
North America	Louisville	17	38.25	-85.2
North America	Long Beach	18	33.88	-118.25
North America	Los Angeles	19	34.05	-118.2
North America	Montgomery	20	32.38	-85.8
North America	Montreal	21	45.42	-75.74
North America	Nashville	22	35.8	-86.7
North America	Newark	23	40.7	-74.4
North America	New Orleans	24	29.95	-90.05
North America	New York	25	40.71	-74.47
North America	Ottawa	26	45.42	-75.74
North America	Pittsburgh	27	40.45	-79.95
North America	Portland	28	45.52	-122.71
North America	Reno	29	39.55	-120.25
North America	Seattle	30	47.61	-122.33
North America	St. Louis	31	38.65	-90.3
North America	Tampa	32	27.85	-82.45
North America	Toronto	33	43.7	-79.4
North America	Victoria	34	48.55	-123.35
North America	Winnipeg	35	49.9	-97.1
Europe	Aberdeen	1	57.2	-2.1
Europe	Adelaide	2	-34.9	138.6
Europe	Auckland	3	-36.8	174.7
Europe	Bangkok	4	13.7	100.5
Europe	Bangalore	5	12.9	77.6
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2	Period	Period 2	2023-02-01	2023-02-28
3	Period	Period 3	2023-03-01	2023-03-31
4	Period	Period 4	2023-04-01	2023-04-30
5	Period	Period 5	2023-05-01	2023-05-31
6	Period	Period 6	2023-06-01	2023-06-30
7	Period	Period 7	2023-07-01	2023-07-31
8	Period	Period 8	2023-08-01	2023-08-31
9	Period	Period 9	2023-09-01	2023-09-30
10	Period	Period 10	2023-10-01	2023-10-31
11	Period	Period 11	2023-11-01	2023-11-30
12	Period	Period 12	2023-12-01	2023-12-31
13	Period	Period 13	2024-01-01	2024-01-31
14	Period	Period 14	2024-02-01	2024-02-28
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21	Period	Period 21	2024-09-01	2024-09-30
22	Period	Period 22	2024-10-01	2024-10-31
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38	Period	Period 38	2026-02-01	2026-02-28
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44	Period	Period 44	2026-08-01	2026-08-31
45	Period	Period 45	2026-09-01	2026-09-30
46	Period	Period 46	2026-10-01	2026-10-31
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48	Period	Period 48	2026-12-01	2026-12-31
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56	Period	Period 56	2027-08-01	2027-08-31
57	Period	Period 57	2027-09-01	2027-09-30
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59	Period	Period 59	2027-11-01	2027-11-30
60	Period	Period 60	2027-12-01	2027-12-31
61	Period	Period 61	2028-01-01	2028-01-31
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73	Period	Period 73	2029-01-01	2029-01-31
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80	Period	Period 80	2029-08-01	2029-08-31
81	Period	Period 81	2029-09-01	2029-09-30
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83	Period	Period 83	2029-11-01	2029-11-30
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191	Period	Period 191	2038-11-01	2038-11-30
192	Period	Period 192</td		

Region	City Name	City ID	Country ID
North America	Austin	1000000000	1
North America	Boston	1000000001	1
North America	Calgary	1000000002	1
North America	Chicago	1000000003	1
North America	Dallas	1000000004	1
North America	Edmonton	1000000005	1
North America	Montreal	1000000006	1
North America	Markham	1000000007	1
North America	Mississauga	1000000008	1
North America	Nashville	1000000009	1
North America	New York	1000000010	1
North America	Ottawa	1000000011	1
North America	Pittsburgh	1000000012	1
North America	Seattle	1000000013	1
North America	Toronto	1000000014	1
North America	Vancouver	1000000015	1
North America	Victoria	1000000016	1
North America	Winnipeg	1000000017	1
Europe	Amsterdam	1000000018	2
Europe	Barcelona	1000000019	2
Europe	Berlin	1000000020	2
Europe	Brussels	1000000021	2
Europe	Copenhagen	1000000022	2
Europe	Dublin	1000000023	2
Europe	Glasgow	1000000024	2
Europe	Helsinki	1000000025	2
Europe	Istanbul	1000000026	2
Europe	Kiev	1000000027	2
Europe	London	1000000028	2
Europe	Lisbon	1000000029	2
Europe	Madrid	1000000030	2
Europe	Milan	1000000031	2
Europe	Paris	1000000032	2
Europe	Rome	1000000033	2
Europe	Saint Petersburg	1000000034	2
Europe	Stockholm	1000000035	2
Europe	Tallinn	1000000036	2
Europe	Tbilisi	1000000037	2
Europe	Vilnius	1000000038	2
Europe	Vienna	1000000039	2
Europe	Zagreb	1000000040	2
Asia	Beijing	1000000041	3
Asia	Chengdu	1000000042	3
Asia	Guangzhou	1000000043	3
Asia	Hong Kong	1000000044	3
Asia	Macau	1000000045	3
Asia	Shanghai	1000000046	3
Asia	Singapore	1000000047	3
Asia	Taipei	1000000048	3
Asia	Tokyo	1000000049	3
Asia	Urumqi	1000000050	3
Africa	Johannesburg	1000000051	4
Australia	Sydney	1000000052	5
Australia	Melbourne	1000000053	5
Australia	Brisbane	1000000054	5
Australia	Perth	1000000055	5
Australia	Adelaide	1000000056	5
Australia	Darwin	1000000057	5
Australia	Canberra	1000000058	5
Australia	Wollongong	1000000059	5
Australia	Geelong	1000000060	5
Australia	Albury	1000000061	5
Australia	Ballarat	1000000062	5
Australia	Launceston	1000000063	5
Australia	Shepparton	1000000064	5
Australia	Armidale	1000000065	5
Australia	Port Macquarie	1000000066	5
Australia	Albury-Wodonga	1000000067	5
Australia	Wagga Wagga	1000000068	5
Australia	Orange	1000000069	5
Australia	Albion Park	1000000070	5
Australia	Deniliquin	1000000071	5
Australia	Nowra	1000000072	5
Australia	Merimbula	1000000073	5
Australia	Forster-Tuncurry	1000000074	5
Australia	Uralla	1000000075	5
Australia	Wentworth	1000000076	5
Australia	Warrumbungle	1000000077	5
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26	26	November	1900
27	27	November</td	

Index	Entity	Entity ID	Entity Name	Entity Type
1	Entity A	A-1	Entity A	Entity
2	Entity B	B-1	Entity B	Entity
3	Entity C	C-1	Entity C	Entity
4	Entity D	D-1	Entity D	Entity
5	Entity E	E-1	Entity E	Entity
6	Entity F	F-1	Entity F	Entity
7	Entity G	G-1	Entity G	Entity
8	Entity H	H-1	Entity H	Entity
9	Entity I	I-1	Entity I	Entity
10	Entity J	J-1	Entity J	Entity
11	Entity K	K-1	Entity K	Entity
12	Entity L	L-1	Entity L	Entity
13	Entity M	M-1	Entity M	Entity
14	Entity N	N-1	Entity N	Entity
15	Entity O	O-1	Entity O	Entity
16	Entity P	P-1	Entity P	Entity
17	Entity Q	Q-1	Entity Q	Entity
18	Entity R	R-1	Entity R	Entity
19	Entity S	S-1	Entity S	Entity
20	Entity T	T-1	Entity T	Entity
21	Entity U	U-1	Entity U	Entity
22	Entity V	V-1	Entity V	Entity
23	Entity W	W-1	Entity W	Entity
24	Entity X	X-1	Entity X	Entity
25	Entity Y	Y-1	Entity Y	Entity
26	Entity Z	Z-1	Entity Z	Entity
27	Entity AA	AA-1	Entity AA	Entity
28	Entity BB	BB-1	Entity BB	Entity
29	Entity CC	CC-1	Entity CC	Entity
30	Entity DD	DD-1	Entity DD	Entity
31	Entity EE	EE-1	Entity EE	Entity
32	Entity FF	FF-1	Entity FF	Entity
33	Entity GG	GG-1	Entity GG	Entity
34	Entity HH	HH-1	Entity HH	Entity
35	Entity II	II-1	Entity II	Entity
36	Entity JJ	JJ-1	Entity JJ	Entity
37	Entity KK	KK-1	Entity KK	Entity
38	Entity LL	LL-1	Entity LL	Entity
39	Entity MM	MM-1	Entity MM	Entity
40	Entity NN	NN-1	Entity NN	Entity
41	Entity OO	OO-1	Entity OO	Entity
42	Entity PP	PP-1	Entity PP	Entity
43	Entity QQ	QQ-1	Entity QQ	Entity
44	Entity RR	RR-1	Entity RR	Entity
45	Entity SS	SS-1	Entity SS	Entity
46	Entity TT	TT-1	Entity TT	Entity
47	Entity UU	UU-1	Entity UU	Entity
48	Entity VV	VV-1	Entity VV	Entity
49	Entity WW	WW-1	Entity WW	Entity
50	Entity XX	XX-1	Entity XX	Entity
51	Entity YY	YY-1	Entity YY	Entity
52	Entity ZZ	ZZ-1	Entity ZZ	Entity
53	Entity AAA	AAA-1	Entity AAA	Entity
54	Entity BBB	BBB-1	Entity BBB	Entity
55	Entity CCC	CCC-1	Entity CCC	Entity
56	Entity DDD	DDD-1	Entity DDD	Entity
57	Entity EEE	EEE-1	Entity EEE	Entity
58	Entity FFF	FFF-1	Entity FFF	Entity
59	Entity GGG	GGG-1	Entity GGG	Entity
60	Entity HHH	HHH-1	Entity HHH	Entity
61	Entity III	III-1	Entity III	Entity
62	Entity JJJ	JJJ-1	Entity JJJ	Entity
63	Entity KKK	KKK-1	Entity KKK	Entity
64	Entity LLL	LLL-1	Entity LLL	Entity
65	Entity MMM	MMM-1	Entity MMM	Entity
66	Entity NNN	NNN-1	Entity NNN	Entity
67	Entity OOO	OOO-1	Entity OOO	Entity
68	Entity PPP	PPP-1	Entity PPP	Entity
69	Entity QQQ	QQQ-1	Entity QQQ	Entity
70	Entity RRR	RRR-1	Entity RRR	Entity
71	Entity SSS	SSS-1	Entity SSS	Entity
72	Entity TTT	TTT-1	Entity TTT	Entity
73	Entity UUU	UUU-1	Entity UUU	Entity
74	Entity VVV	VVV-1	Entity VVV	Entity
75	Entity WWW	WWW-1	Entity WWW	Entity
76	Entity XXX	XXX-1	Entity XXX	Entity
77	Entity YYY	YYY-1	Entity YYY	Entity
78	Entity ZZZ	ZZZ-1	Entity ZZZ	Entity
79	Entity AAAA	AAAA-1	Entity AAAA	Entity
80	Entity BBBB	BBBB-1	Entity BBBB	Entity
81	Entity CCCC	CCCC-1	Entity CCCC	Entity
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83	Entity EEEE	EEEE-1	Entity EEEE	Entity
84	Entity FFFF	FFFF-1	Entity FFFF	Entity
85	Entity GGGG	GGGG-1	Entity GGGG	Entity
86	Entity HHHH	HHHH-1	Entity HHHH	Entity
87	Entity IIII	IIII-1	Entity IIII	Entity
88	Entity JJJJ	JJJJ-1	Entity JJJJ	Entity
89	Entity KKKK	KKKK-1	Entity KKKK	Entity
90	Entity LLLL	LLLL-1	Entity LLLL	Entity
91	Entity MMMM	MMMM-1	Entity MMMM	Entity
92	Entity NNNN	NNNN-1	Entity NNNN	Entity
93	Entity OOOO	OOOO-1	Entity OOOO	Entity
94	Entity PPPP	PPPP-1	Entity PPPP	Entity
95	Entity QQQQ	QQQQ-1	Entity QQQQ	Entity
96	Entity RRRR	RRRR-1	Entity RRRR	Entity
97	Entity SSSS	SSSS-1	Entity SSSS	Entity
98	Entity TTTT	TTTT-1	Entity TTTT	Entity
99	Entity UUUU	UUUU-1	Entity UUUU	Entity
100	Entity VVVV	VVVV-1	Entity VVVV	Entity
101	Entity WWWW	WWWW-1	Entity WWWW	Entity
102	Entity XXXX	XXXX-1	Entity XXXX	Entity
103	Entity YYYY	YYYY-1	Entity YYYY	Entity
104	Entity ZZZZ	ZZZZ-1	Entity ZZZZ	Entity
105	Entity AAAAA	AAAAAA-1	Entity AAAAA	Entity
106	Entity BBBBB	BBBBBB-1	Entity BBBBB	Entity
107	Entity CCCCC	CCCCCC-1	Entity CCCCC	Entity
108	Entity DDDDD	DDDDDD-1	Entity DDDDD	Entity
109	Entity EEEEE	EEEEEE-1	Entity EEEEE	Entity
110	Entity FFFFF	FFFFFF-1	Entity FFFFF	Entity
111	Entity GGGGG	GGGGGG-1	Entity GGGGG	Entity
112	Entity HHHHH	HHHHHH-1	Entity HHHHH	Entity
113	Entity IIIII	IIIIII-1	Entity IIIII	Entity
114	Entity JJJJJ	JJJJJ-1	Entity JJJJJ	Entity
115	Entity KKKKK	KKKKKK-1	Entity KKKKK	Entity
116	Entity LLLLL	LLLLLL-1	Entity LLLLL	Entity
117	Entity MMMMM	MMMMMM-1	Entity MMMMM	Entity
118	Entity NNNNN	NNNNNN-1	Entity NNNNN	Entity
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121	Entity QQQQQ	QQQQQQ-1	Entity QQQQQ	Entity
122	Entity RRRRR	RRRRRR-1	Entity RRRRR	Entity
123	Entity SSSSS	SSSSSS-1	Entity SSSSS	Entity
124	Entity TTTTT	TTTTTT-1	Entity TTTTT	Entity
125	Entity UUUUU	UUUUUU-1	Entity UUUUU	Entity
126	Entity VVVVV	VVVVV-1	Entity VVVVV	Entity
127	Entity WWWWW	WWWWWW-1	Entity WWWWW	Entity
128	Entity XXXXX	XXXXXX-1	Entity XXXXX	Entity
129	Entity YYYYY	YYYYYY-1	Entity YYYYY	Entity
130	Entity ZZZZZ	ZZZZZZ-1	Entity ZZZZZ	Entity
131	Entity AAAAAA	AAAAAAA-1	Entity AAAAAA	Entity
132	Entity BBBBBB	BBBBBBB-1	Entity BBBBBB	Entity
133	Entity CCCCCC	CCCCCCC-1	Entity CCCCCC	Entity
134	Entity DDDDDD	DDDDDDD-1	Entity DDDDDD	Entity
135	Entity EEEEEE	EEEEEEE-1	Entity EEEEEE	Entity
136	Entity FFFFFF	FFFFFFF-1	Entity FFFFFF	Entity
137	Entity GGGGGG	GGGGGGG-1	Entity GGGGGG	Entity
138	Entity HHHHHH	HHHHHHH-1	Entity HHHHHH	Entity
139	Entity IIIIII	IIIIIII-1	Entity IIIIII	Entity
140	Entity JJJJJJ	JJJJJJ-1	Entity JJJJJJ	Entity
141	Entity KKKKKK	KKKKKKK-1	Entity KKKKKK	Entity
142	Entity LLLLLL	LLLLLL-1	Entity LLLLLL	Entity
143	Entity MMMMM	MMMMMM-1	Entity MMMMM	Entity
144	Entity NNNNNN	NNNNNN-1	Entity NNNNNN	Entity
145	Entity OOOOOO	OOOOOO-1	Entity OOOOOO	Entity
146	Entity PPPPPP	PPPPPP-1	Entity PPPPPP	Entity
147	Entity QQQQQQ	QQQQQQ-1	Entity QQQQQQ	Entity
148	Entity RRRRRR	RRRRRR-1	Entity RRRRRR	Entity
149	Entity SSSSSS	SSSSSS-1	Entity SSSSSS	Entity
150	Entity TTTTTT	TTTTTT-1	Entity TTTTTT	Entity
151	Entity UUUUUU	UUUUUU-1	Entity UUUUUU	Entity
152	Entity VVVVVV	VVVVVV-1	Entity VVVVVV	Entity
153	Entity WWWWWW	WWWWWW-1	Entity WWWWWW	Entity
154	Entity XXXXX	XXXXXX-1	Entity XXXXX	Entity
155	Entity YYYYYY	YYYYYY-1	Entity YYYYYY	Entity
156	Entity ZZZZZZ	ZZZZZZ-1	Entity ZZZZZZ	Entity
157	Entity AAAAAA	AAAAAAA-1	Entity AAAAAA	Entity
158	Entity BBBBBB	BBBBBBB-1	Entity BBBBBB	Entity
159	Entity CCCCCC	CCCCCCC-1	Entity CCCCCC	Entity
160	Entity DDDDDD	DDDDDDD-1	Entity DDDDDD	Entity
161	Entity EEEEEE	EEEEEEE-1	Entity EEEEEE	Entity
162	Entity FFFFFF	FFFFFFF-1	Entity FFFFFF	Entity
163	Entity GGGGGG	GGGGGGG-1	Entity GGGGGG	Entity
164	Entity HHHHHH	HHHHHHH-1	Entity HHHHHH	Entity
165	Entity IIIIII	IIIIIII-1	Entity IIIIII	Entity
166	Entity JJJJJJ	JJJJJJ-1	Entity JJJJJJ	Entity
167	Entity KKKKKK	KKKKKKK-1	Entity KKKKKK	Entity
168	Entity LLLLLL	LLLLLL-1	Entity LLLLLL	Entity
169	Entity MMMMM	MMMMMM-1	Entity MMMMM	Entity
170	Entity NNNNNN	NNNNNN-1	Entity NNNNNN	Entity
171	Entity OOOOOO	OOOOOO-1	Entity OOOOOO	Entity
172	Entity PPPPPP	PPPPPP-1	Entity PPPPPP	Entity
173	Entity QQQQQQ	QQQQQQ-1	Entity QQQQQQ	Entity
174	Entity RRRRRR	RRRRRR-1	Entity RRRRRR	Entity
175	Entity SSSSSS	SSSSSS-1	Entity SSSSSS	Entity
176	Entity TTTTTT	TTTTTT-1	Entity TTTTTT	Entity
177	Entity UUUUUU	UUUUUU-1	Entity UUUUUU	Entity
178	Entity VVVVVV	VVVVVV-1	Entity VVVVVV	Entity
179	Entity WWWWWW	WWWWWW-1	Entity WWWWWW	Entity
180	Entity XXXXX	XXXXXX-1	Entity XXXXX	Entity
181	Entity YYYYYY	YYYYYY-1	Entity YYYYYY	Entity
182	Entity ZZZZZZ	ZZZZZZ-1	Entity ZZZZZZ	Entity
183	Entity AAAAAA	AAAAAAA-1	Entity AAAAAA	Entity
184	Entity BBBBBB	BBBBBBB-1	Entity BBBBBB	Entity
185	Entity CCCCCC	CCCCCCC-1	Entity CCCCCC	Entity
186	Entity DDDDDD	DDDDDDD-1	Entity DDDDDD	Entity
187	Entity EEEEEE	EEEEEEE-1	Entity EEEEEE	Entity
188	Entity FFFFFF	FFFFFFF-1	Entity FFFFFF	Entity
189	Entity GGGGGG	GGGGGGG-1	Entity GGGGGG	Entity
190	Entity HHHHHH	HHHHHHH-1	Entity HHHHHH	Entity
191	Entity IIIIII	IIIIIII-1	Entity IIIIII	Entity
192	Entity JJJJJJ	JJJJJJ-1	Entity JJJJJJ	Entity
193	Entity KKKKKK	KKKKKKK-1	Entity KKKKKK	Entity
194	Entity LLLLLL	LLLLLL-1	Entity LLLLLL	Entity
195	Entity MMMMM	MMMMMM-1	Entity MMMMM	Entity
196	Entity NNNNNN	NNNNNN-1	Entity NNNNNN	Entity
197	Entity OOOOOO	OOOOOO-1	Entity OOOOOO	Entity
198	Entity PPPPPP	PPPPPP-1	Entity PPPPPP	Entity
199	Entity QQQQQQ	QQQQQQ-1	Entity QQQQQQ	Entity
200	Entity RRRRRR	RRRRRR-1	Entity RRRRRR	Entity
201	Entity SSSSSS	SSSSSS-1	Entity SSSSSS	Entity
202	Entity TTTTTT	TTTTTT-1	Entity TTTTTT	Entity
203	Entity UUUUUU	UUUUUU-1	Entity UUUUUU	Entity
204	Entity VVVVVV	VVVVVV-1	Entity VVVVVV	Entity
205	Entity WWWWWW	WWWWWW-1	Entity WWWWWW	Entity
206	Entity XXXXX	XXXXXX-1	Entity XXXXX	Entity
207	Entity YYYYYY	YYYYYY-1	Entity YYYYYY	Entity
208	Entity ZZZZZZ	ZZZZZZ-1	Entity ZZZZZZ	Entity
209	Entity AAAAAA	AAAAAAA-1	Entity AAAAAA	Entity
210	Entity BBBBBB	BBBBBBB-1	Entity BBBBBB	Entity
211	Entity CCCCCC	CCCCCCC-1	Entity CCCCCC	Entity
212	Entity DDDDDD	DDDDDDD-1	Entity DDDDDD	Entity
213	Entity EEEEEE	EEEEEEE-1	Entity EEEEEE	Entity
214	Entity FFFFFF	FFFFFFF-1	Entity FFFFFF	Entity
215	Entity GGGGGG	GGGGGGG-1	Entity GGGGGG	Entity
216	Entity HHHHHH	HHHHHHH-1	Entity HHHHHH	Entity
217	Entity IIIIII	IIIIIII-1	Entity IIIIII	Entity
218	Entity JJJJJJ	JJJJJJ-1	Entity JJJJJJ	Entity
219	Entity KKKKKK	KKKKKKK-1	Entity KKKKKK	Entity
220	Entity LLLLLL	LLLLLL-1	Entity LLLLLL	Entity
221	Entity MMMMM	MMMMMM-1	Entity MMMMM	Entity
222	Entity NNNNNN	NNNNNN-1	Entity NNNNNN	Entity
223	Entity OOOOOO	OOOOOO-1	Entity OOOOOO	Entity
224	Entity PPPPPP	PPPPPP-1	Entity PPPPPP	Entity
225	Entity QQQQQQ	QQQQQQ-1	Entity QQQQQQ	Entity
226	Entity RRRRRR	RRRRRR-1	Entity RRRRRR	Entity
227	Entity SSSSSS	SSSSSS-1	Entity SSSSSS	Entity
228	Entity TTTTTT	TTTTTT-1	Entity TTTTTT	Entity
229	Entity UUUUUU	UUUUUU-1	Entity UUUUUU	Entity
230	Entity VVVVVV	VVVVVV-1	Entity VVVVVV	Entity
231	Entity WWWWWW	WWWWWW-1	Entity WWWWWW	Entity
232	Entity XXXXX	XXXXXX-1	Entity XXXXX	Entity
233	Entity YYYYYY	YYYYYY-1	Entity YYYYYY	Entity
234	Entity ZZZZZZ	ZZZZZZ-1	Entity ZZZZZZ	Entity
235	Entity AAAAAA	AAAAAAA-1	Entity AAAAAA	Entity
236	Entity BBBBBB	BBBBBBB-1	Entity BBBBBB	Entity
237	Entity CCCCCC	CCCCCCC-1	Entity CCCCCC	Entity
238	Entity DDDDDD	DDDDDDD-1	Entity DDDDDD	Entity
239	Entity EEEEEE	EEEEEEE-1	Entity EEEEEE	Entity
240	Entity FFFFFF	FFFFFFF-1	Entity FFFFFF	Entity
241	Entity GGGGGG	GGGGGGG-1	Entity GGGGGG	Entity
242	Entity HHHHHH	HHHHHHH-1	Entity HHHHHH	Entity
243	Entity IIIIII	IIIIIII-1	Entity IIIIII	Entity
244	Entity JJJJJJ	JJJJJJ-1	Entity JJJJJJ	Entity
245	Entity KKKKKK	KKKKKKK-1	Entity KKKKKK	Entity
246	Entity LLLLLL	LLLLLL-1	Entity LLLLLL	Entity
247	Entity MMMMM	MMMMMM-1	Entity MMMMM	Entity
248	Entity NNNNNN	NNNNNN-1	Entity NNNNNN	Entity
249	Entity OOOOOO	OOOOOO-1	Entity OOOOOO	Entity
250	Entity PPPPPP	PPPPPP		

Category	Sub-Category	Item	Description
Food	Meat	Beef	Raw beef
Food	Meat	Pork	Raw pork
Food	Meat	Lamb	Raw lamb
Food	Meat	Chicken	Raw chicken
Food	Meat	Turkey	Raw turkey
Food	Meat	Pork	Cooked pork
Food	Meat	Lamb	Cooked lamb
Food	Meat	Chicken	Cooked chicken
Food	Meat	Turkey	Cooked turkey
Food	Deli	Salami	Raw salami
Food	Deli	Prosciutto	Raw prosciutto
Food	Deli	Ham	Raw ham
Food	Deli	Bacon	Raw bacon
Food	Deli	Pastrami	Raw pastrami
Food	Deli	Salami	Cooked salami
Food	Deli	Prosciutto	Cooked prosciutto
Food	Deli	Ham	Cooked ham
Food	Deli	Bacon	Cooked bacon
Food	Deli	Pastrami	Cooked pastrami
Food	Seafood	Fish	Raw fish
Food	Seafood	Shrimp	Raw shrimp
Food	Seafood	Crab	Raw crab
Food	Seafood	Oysters	Raw oysters
Food	Seafood	Fish	Cooked fish
Food	Seafood	Shrimp	Cooked shrimp
Food	Seafood	Crab	Cooked crab
Food	Seafood	Oysters	Cooked oysters
Food	Vegetables	Carrots	Raw carrots
Food	Vegetables	Potatoes	Raw potatoes
Food	Vegetables	Onions	Raw onions
Food	Vegetables	Cucumbers	Raw cucumbers
Food	Vegetables	Tomatoes	Raw tomatoes
Food	Vegetables	Carrots	Cooked carrots
Food	Vegetables	Potatoes	Cooked potatoes
Food	Vegetables	Onions	Cooked onions
Food	Vegetables	Cucumbers	Cooked cucumbers
Food	Vegetables	Tomatoes	Cooked tomatoes
Food	Grains	Rice	Raw rice
Food	Grains	Pasta	Raw pasta
Food	Grains	Bread	Raw bread
Food	Grains	Flour	Raw flour
Food	Grains	Rice	Cooked rice
Food	Grains	Pasta	Cooked pasta
Food	Grains	Bread	Cooked bread
Food	Grains	Flour	Cooked flour
Food	Condiments	Ketchup	Raw ketchup
Food	Condiments	Soy sauce	Raw soy sauce
Food	Condiments	Mustard	Raw mustard
Food	Condiments	Honey	Raw honey
Food	Condiments	Ketchup	Cooked ketchup
Food	Condiments	Soy sauce	Cooked soy sauce
Food	Condiments	Mustard	Cooked mustard
Food	Condiments	Honey	Cooked honey
Food	Drinks	Water	Raw water
Food	Drinks	Soda	Raw soda
Food	Drinks	Milk	Raw milk
Food	Drinks	Beer	Raw beer
Food	Drinks	Water	Cooked water
Food	Drinks	Soda	Cooked soda
Food	Drinks	Milk	Cooked milk
Food	Drinks	Beer	Cooked beer
Non-Food	Personal Care	Toothpaste	Raw toothpaste
Non-Food	Personal Care	Deodorant	Raw deodorant
Non-Food	Personal Care	Shampoo	Raw shampoo
Non-Food	Personal Care	Conditioner	Raw conditioner
Non-Food	Personal Care	Toothpaste	Cooked toothpaste
Non-Food	Personal Care	Deodorant	Cooked deodorant
Non-Food	Personal Care	Shampoo	Cooked shampoo
Non-Food	Personal Care	Conditioner	Cooked conditioner
Non-Food	Household	Laundry detergent	Raw laundry detergent
Non-Food	Household	Disinfectant	Raw disinfectant
Non-Food	Household	Clorox	Raw Clorox
Non-Food	Household	Laundry detergent	Cooked laundry detergent
Non-Food	Household	Disinfectant	Cooked disinfectant
Non-Food	Household	Clorox	Cooked Clorox
Non-Food	Electronics	Smartphone	Raw smartphone
Non-Food	Electronics	Tablet	Raw tablet
Non-Food	Electronics	Laptop	Raw laptop
Non-Food	Electronics	Smartphone	Cooked smartphone
Non-Food	Electronics	Tablet	Cooked tablet
Non-Food	Electronics	Laptop	Cooked laptop
Non-Food	Books	Textbook	Raw textbook
Non-Food	Books	Fiction book	Raw fiction book
Non-Food	Books	Non-fiction book	Raw non-fiction book
Non-Food	Books	Textbook	Cooked textbook
Non-Food	Books	Fiction book	Cooked fiction book
Non-Food	Books	Non-fiction book	Cooked non-fiction book
Non-Food	Leisure	Gaming console	Raw gaming console
Non-Food	Leisure	Video game	Raw video game
Non-Food	Leisure	Board game	Raw board game
Non-Food	Leisure	Gaming console	Cooked gaming console
Non-Food	Leisure	Video game	Cooked video game
Non-Food	Leisure	Board game	Cooked board game
Non-Food	Transportation	Car	Raw car
Non-Food	Transportation	Motorcycle	Raw motorcycle
Non-Food	Transportation	Bicycle	Raw bicycle
Non-Food	Transportation	Car	Cooked car
Non-Food	Transportation	Motorcycle	Cooked motorcycle
Non-Food	Transportation	Bicycle	Cooked bicycle

Period	Start Date	End Date	Category
1	2023-01-01	2023-01-07	Business
2	2023-01-08	2023-01-14	Personal
3	2023-01-15	2023-01-21	Business
4	2023-01-22	2023-01-28	Personal
5	2023-01-29	2023-02-04	Business
6	2023-02-05	2023-02-11	Personal
7	2023-02-12	2023-02-18	Business
8	2023-02-19	2023-02-25	Personal
9	2023-02-26	2023-03-03	Business
10	2023-03-04	2023-03-10	Personal
11	2023-03-11	2023-03-17	Business
12	2023-03-18	2023-03-24	Personal
13	2023-03-25	2023-03-31	Business
14	2023-04-01	2023-04-07	Personal
15	2023-04-08	2023-04-14	Business
16	2023-04-15	2023-04-21	Personal
17	2023-04-22	2023-04-28	Business
18	2023-04-29	2023-05-05	Personal
19	2023-05-06	2023-05-12	Business
20	2023-05-13	2023-05-19	Personal
21	2023-05-20	2023-05-26	Business
22	2023-05-27	2023-06-02	Personal
23	2023-06-03	2023-06-09	Business
24	2023-06-10	2023-06-16	Personal
25	2023-06-17	2023-06-23	Business
26	2023-06-24	2023-06-30	Personal
27	2023-07-01	2023-07-07	Business
28	2023-07-08	2023-07-14	Personal
29	2023-07-15	2023-07-21	Business
30	2023-07-22	2023-07-28	Personal
31	2023-07-29	2023-08-04	Business
32	2023-08-05	2023-08-11	Personal
33	2023-08-12	2023-08-18	Business
34	2023-08-19	2023-08-25	Personal
35	2023-08-26	2023-09-01	Business
36	2023-09-02	2023-09-08	Personal
37	2023-09-09	2023-09-15	Business
38	2023-09-16	2023-09-22	Personal
39	2023-09-23	2023-09-29	Business
40	2023-09-30	2023-10-06	Personal
41	2023-10-07	2023-10-13	Business
42	2023-10-14	2023-10-20	Personal
43	2023-10-21	2023-10-27	Business
44	2023-10-28	2023-11-03	Personal
45	2023-11-04	2023-11-10	Business
46	2023-11-11	2023-11-17	Personal
47	2023-11-18	2023-11-24	Business
48	2023-11-25	2023-12-01	Personal
49	2023-12-02	2023-12-08	Business
50	2023-12-09	2023-12-15	Personal
51	2023-12-16	2023-12-22	Business
52	2023-12-23	2023-12-29	Personal
53	2023-12-30	2023-12-31	Business
54	2024-01-01	2024-01-07	Personal
55	2024-01-08	2024-01-14	Business
56	2024-01-15	2024-01-21	Personal
57	2024-01-22	2024-01-28	Business
58	2024-01-29	2024-02-04	Personal
59	2024-02-05	2024-02-11	Business
60	2024-02-12	2024-02-18	Personal
61	2024-02-19	2024-02-25	Business
62	2024-02-26	2024-03-03	Personal
63	2024-03-04	2024-03-10	Business
64	2024-03-11	2024-03-17	Personal
65	2024-03-18	2024-03-24	Business
66	2024-03-25	2024-03-31	Personal
67	2024-04-01	2024-04-07	Business
68	2024-04-08	2024-04-14	Personal
69	2024-04-15	2024-04-21	Business
70	2024-04-22	2024-04-28	Personal
71	2024-04-29	2024-05-05	Business
72	2024-05-06	2024-05-12	Personal
73	2024-05-13	2024-05-19	Business
74	2024-05-20	2024-05-26	Personal
75	2024-05-27	2024-06-02	Business
76	2024-06-03	2024-06-09	Personal
77	2024-06-10	2024-06-16	Business
78	2024-06-17	2024-06-23	Personal
79	2024-06-24	2024-06-30	Business
80	2024-06-31	2024-07-07	Personal
81	2024-07-08	2024-07-14	Business
82	2024-07-15	2024-07-21	Personal
83	2024-07-22	2024-07-28	Business
84	2024-07-29	2024-08-04	Personal
85	2024-08-05	2024-08-11	Business
86	2024-08-12	2024-08-18	Personal
87	2024-08-19	2024-08-25	Business
88	2024-08-26	2024-09-01	Personal
89	2024-09-02	2024-09-08	Business
90	2024-09-09	2024-09-15	Personal
91	2024-09-16	2024-09-22	Business
92	2024-09-23	2024-09-29	Personal
93	2024-09-30	2024-10-06	Business
94	2024-10-07	2024-10-13	Personal
95	2024-10-14	2024-10-20	Business
96	2024-10-21	2024-10-27	Personal
97	2024-10-28	2024-11-03	Business
98	2024-11-04	2024-11-10	Personal
99	2024-11-11	2024-11-17	Business
100	2024-11-18	2024-11-24	Personal
101	2024-11-25	2024-12-01	Business
102	2024-12-02	2024-12-08	Personal
103	2024-12-09	2024-12-15	Business
104	2024-12-16	2024-12-22	Personal
105	2024-12-23	2024-12-29	Business
106	2024-12-30	2024-12-31	Personal

Period	Day	Month	Year
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2	2	January	2000
3	3	January	2000
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26	26	November	2000
27	27	November</td	

Period	Start Date	End Date	Category
1	2023-01-01	2023-01-07	Business
2	2023-01-08	2023-01-14	Business
3	2023-01-15	2023-01-21	Business
4	2023-01-22	2023-01-28	Business
5	2023-01-29	2023-02-04	Business
6	2023-02-05	2023-02-11	Business
7	2023-02-12	2023-02-18	Business
8	2023-02-19	2023-02-25	Business
9	2023-02-26	2023-03-01	Business
10	2023-03-02	2023-03-08	Business
11	2023-03-09	2023-03-15	Business
12	2023-03-16	2023-03-22	Business
13	2023-03-23	2023-03-29	Business
14	2023-03-30	2023-04-05	Business
15	2023-04-06	2023-04-12	Business
16	2023-04-13	2023-04-19	Business
17	2023-04-20	2023-04-26	Business
18	2023-04-27	2023-05-03	Business
19	2023-05-04	2023-05-10	Business
20	2023-05-11	2023-05-17	Business
21	2023-05-18	2023-05-24	Business
22	2023-05-25	2023-05-31	Business
23	2023-06-01	2023-06-07	Business
24	2023-06-08	2023-06-14	Business
25	2023-06-15	2023-06-21	Business
26	2023-06-22	2023-06-28	Business
27	2023-06-29	2023-07-05	Business
28	2023-07-06	2023-07-12	Business
29	2023-07-13	2023-07-19	Business
30	2023-07-20	2023-07-26	Business
31	2023-07-27	2023-08-02	Business
32	2023-08-03	2023-08-09	Business
33	2023-08-10	2023-08-16	Business
34	2023-08-17	2023-08-23	Business
35	2023-08-24	2023-08-30	Business
36	2023-08-31	2023-09-06	Business
37	2023-09-07	2023-09-13	Business
38	2023-09-14	2023-09-20	Business
39	2023-09-21	2023-09-27	Business
40	2023-09-28	2023-10-04	Business
41	2023-10-05	2023-10-11	Business
42	2023-10-12	2023-10-18	Business
43	2023-10-19	2023-10-25	Business
44	2023-10-26	2023-10-32	Business
45	2023-10-33	2023-10-39	Business
46	2023-10-40	2023-10-46	Business
47	2023-10-47	2023-10-53	Business
48	2023-10-54	2023-10-60	Business
49	2023-10-61	2023-10-67	Business
50	2023-10-68	2023-10-74	Business
51	2023-10-75	2023-10-81	Business
52	2023-10-82	2023-10-88	Business
53	2023-10-89	2023-10-95	Business
54	2023-10-96	2023-10-102	Business
55	2023-10-103	2023-10-109	Business
56	2023-10-110	2023-10-116	Business
57	2023-10-117	2023-10-123	Business
58	2023-10-124	2023-10-130	Business
59	2023-10-131	2023-10-137	Business
60	2023-10-138	2023-10-144	Business
61	2023-10-145	2023-10-151	Business
62	2023-10-152	2023-10-158	Business
63	2023-10-159	2023-10-165	Business
64	2023-10-166	2023-10-172	Business
65	2023-10-173	2023-10-179	Business
66	2023-10-180	2023-10-186	Business
67	2023-10-187	2023-10-193	Business
68	2023-10-194	2023-10-200	Business
69	2023-10-201	2023-10-207	Business
70	2023-10-208	2023-10-214	Business
71	2023-10-215	2023-10-221	Business
72	2023-10-222	2023-10-228	Business
73	2023-10-229	2023-10-235	Business
74	2023-10-236	2023-10-242	Business
75	2023-10-243	2023-10-249	Business
76	2023-10-250	2023-10-256	Business
77	2023-10-257	2023-10-263	Business
78	2023-10-264	2023-10-270	Business
79	2023-10-271	2023-10-277	Business
80	2023-10-278	2023-10-284	Business
81	2023-10-285	2023-10-291	Business
82	2023-10-292	2023-10-298	Business
83	2023-10-299	2023-10-305	Business
84	2023-10-306	2023-10-312	Business
85	2023-10-313	2023-10-319	Business
86	2023-10-320	2023-10-326	Business
87	2023-10-327	2023-10-333	Business
88	2023-10-334	2023-10-340	Business
89	2023-10-341	2023-10-347	Business
90	2023-10-348	2023-10-354	Business
91	2023-10-355	2023-10-361	Business
92	2023-10-362	2023-10-368	Business
93	2023-10-369	2023-10-375	Business
94	2023-10-376	2023-10-382	Business
95	2023-10-383	2023-10-389	Business
96	2023-10-390	2023-10-396	Business
97	2023-10-397	2023-10-403	Business
98	2023-10-404	2023-10-410	Business
99	2023-10-411	2023-10-417	Business
100	2023-10-418	2023-10-424	Business
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102	2023-10-432	2023-10-438	Business
103	2023-10-439	2023-10-445	Business
104	2023-10-446	2023-10-452	Business
105	2023-10-453	2023-10-459	Business
106	2023-10-460	2023-10-466	Business
107	2023-10-467	2023-10-473	Business
108	2023-10-474	2023-10-480	Business
109	2023-10-481	2023-10-487	Business
110	2023-10-488	2023-10-494	Business
111	2023-10-495	2023-10-501	Business
112	2023-10-502	2023-10-508	Business
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115	2023-10-523	2023-10-529	Business
116	2023-10-530	2023-10-536	Business
117	2023-10-537	2023-10-543	Business
118	2023-10-544	2023-10-550	Business
119	2023-10-551	2023-10-557	Business
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121	2023-10-565	2023-10-571	Business
122	2023-10-572	2023-10-578	Business
123	2023-10-579	2023-10-585	Business
124	2023-10-586	2023-10-592	Business
125	2023-10-593	2023-10-599	Business
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127	2023-10-607	2023-10-613	Business
128	2023-10-614	2023-10-620	Business
129	2023-10-621	2023-10-627	Business
130	2023-10-628	2023-10-634	Business
131	2023-10-635	2023-10-641	Business
132	2023-10-642	2023-10-648	Business
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134	2023-10-656	2023-10-662	Business
135	2023-10-663	2023-10-669	Business
136	2023-10-670	2023-10-676	Business
137	2023-10-677	2023-10-683	Business
138	2023-10-684	2023-10-690	Business
139	2023-10-691	2023-10-697	Business
140	2023-10-698	2023-10-704	Business
141	2023-10-705	2023-10-711	Business
142	2023-10-712	2023-10-718	Business
143	2023-10-719	2023-10-725	Business
144	2023-10-726	2023-10-732	Business
145	2023-10-733	2023-10-739	Business
146	2023-10-740	2023-10-746	Business
147	2023-10-747	2023-10-753	Business
148	2023-10-754	2023-10-760	Business
149	2023-10-761	2023-10-767	Business
150	2023-10-768	2023-10-774	Business
151	2023-10-775	2023-10-781	Business
152	2023-10-782	2023-10-788	Business
153	2023-10-789	2023-10-795	Business
154	2023-10-796	2023-10-802	Business
155	2023-10-803	2023-10-809	Business
156	2023-10-810	2023-10-816	Business
157	2023-10-817	2023-10-823	Business
158	2023-10-824	2023-10-830	Business
159	2023-10-831	2023-10-837	Business
160	2023-10-838	2023-10-844	Business
161	2023-10-845	2023-10-851	Business
162	2023-10-852	2023-10-858	Business
163	2023-10-859	2023-10-865	Business
164	2023-10-866	2023-10-872	Business
165	2023-10-873	2023-10-879	Business
166	2023-10-880	2023-10-886	Business
167	2023-10-887	2023-10-893	Business
168	2023-10-894	2023-10-900	Business
169	2023-10-901	2023-10-907	Business
170	2023-10-908	2023-10-914	Business
171	2023-10-915	2023-10-921	Business
172	2023-10-922	2023-10-928	Business
173	2023-10-929	2023-10-935	Business
174	2023-10-936	2023-10-942	Business
175	2023-10-943	2023-10-949	Business
176	2023-10-950	2023-10-956	Business
177	2023-10-957	2023-10-963	Business
178	2023-10-964	2023-10-970	Business
179	2023-10-971	2023-10-977	Business
180	2023-10-978	2023-10-984	Business
181	2023-10-985	2023-10-991	Business
182	2023-10-992	2023-10-998	Business
183	2023-10-999	2023-10-1005	Business
184	2023-10-1006	2023-10-1012	Business
185	2023-10-1013	2023-10-1019	Business
186	2023-10-1020	2023-10-1026	Business
187	2023-10-1027	2023-10-1033	Business
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189	2023-10-1041	2023-10-1047	Business
190	2023-10-1048	2023-10-1054	Business
191	2023-10-1055	2023-10-1061	Business
192	2023-10-1062	2023-10-1068	Business
193	2023-10-1069	2023-10-1075	Business
194	2023-10-1076	2023-10-1082	Business
195	2023-10-1083	2023-10-1089	Business
196	2023-10-1090	2023-10-1096	Business
197	2023-10-1097	2023-10-1103	Business
198	2023-10-1104	2023-10-1110	Business
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205	2023-10-1153	2023-10-1159	Business
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208	2023-10-1174	2023-10-1180	Business
209	2023-10-1181	2023-10-1187	Business
210	2023-10-1188	2023-10-1194	Business
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217	2023-10-1237	2023-10-1243	Business
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219	2023-10-1251	2023-10-1257	Business
220	2023-10-1258	2023-10-1264	Business
221	2023-10-1265	2023-10-1271	Business

Region	City Name	City ID	City Lat	City Long
North America	Albuquerque	1	35.6	-106.3
North America	Atlanta	2	33.7	-84.4
North America	Baltimore	3	39.0	-76.9
North America	Boise	4	43.7	-116.9
North America	Calgary	5	51.0	-114.1
North America	Chicago	6	41.9	-87.6
North America	Columbus	7	40.7	-83.0
North America	Dallas	8	32.8	-96.8
North America	Edmonton	9	53.5	-113.4
North America	Fort Worth	10	32.8	-97.4
North America	Hartford	11	41.8	-72.6
North America	Houston	12	29.7	-95.3
North America	Indianapolis	13	39.8	-85.7
North America	Jacksonville	14	30.3	-81.7
North America	Kansas City	15	39.1	-94.7
North America	Louisville	16	38.0	-85.4
North America	Long Beach	17	33.9	-118.2
North America	Los Angeles	18	34.0	-118.2
North America	Montgomery	19	32.1	-85.7
North America	Montreal	20	45.4	-75.7
North America	Nashville	21	35.8	-86.7
North America	Newark	22	40.7	-74.4
North America	New Orleans	23	29.9	-90.1
North America	New York	24	40.7	-74.0
North America	Ottawa	25	45.4	-75.7
North America	Pittsburgh	26	40.4	-79.9
North America	Portland	27	45.5	-122.3
North America	Reno	28	39.5	-120.2
North America	Seattle	29	47.6	-122.3
North America	Sherman Oaks	30	34.1	-118.2
North America	St. Louis	31	38.6	-90.4
North America	Tampa	32	28.0	-82.4
North America	Toronto	33	43.7	-79.4
North America	Victoria	34	48.5	-123.4
North America	Winnipeg	35	49.9	-97.1
Europe	Aberdeen	1	57.1	-2.1
Europe	Adelaide	2	-34.9	138.6
Europe	Austin	3	30.3	-97.7
Europe	Baltimore	4	39.0	-76.9
Europe	Berlin	5	52.5	13.4
Europe	Bogota	6	4.6	-74.0
Europe	Brisbane	7	-27.4	153.0
Europe	Budapest	8	47.5	19.0
Europe	Buenos Aires	9	-34.6	-58.4
Europe	Burnaby	10	49.1	-123.1
Europe	Calgary	11	51.0	-114.1
Europe	Caracas	12	-6.4	-62.6
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Region	City Name	City ID	City Lat	City Long
North America	Albuquerque	1	35.67	-106.61
North America	Anchorage	2	61.21	-151.97
North America	Baltimore	3	38.91	-76.89
North America	Barrow	4	68.33	-156.81
North America	Boise	5	43.65	-116.24
North America	Boston	6	42.36	-71.06
North America	Calgary	7	51.04	-114.16
North America	Charleston	8	32.75	-79.92
North America	Chicago	9	41.88	-87.63
North America	Cincinnati	10	39.16	-84.52
North America	Cleveland	11	41.49	-81.67
North America	Colorado Springs	12	38.26	-105.07
North America	Dallas	13	32.77	-96.80
North America	Denver	14	39.76	-104.99
North America	Detroit	15	42.33	-82.98
North America	Fargo	16	46.88	-97.13
North America	Flagstaff	17	35.10	-111.69
North America	Fort Lauderdale	18	32.77	-80.00
North America	Fort Worth	19	32.77	-97.33
North America	Frisco	20	32.77	-97.33
North America	Gainesville	21	30.00	-82.00
North America	Grand Rapids	22	42.92	-85.50
North America	Hartford	23	41.89	-72.42
North America	Houston	24	29.76	-95.37
North America	Idaho Falls	25	43.75	-111.75
North America	Illinoian	26	41.92	-87.63
North America	Indianapolis	27	39.78	-85.75
North America	Indio	28	33.75	-116.25
North America	Inglewood	29	33.94	-118.24
North America	Jackson	30	37.31	-90.00
North America	Jerome	31	42.83	-111.67
North America	Kansas City	32	38.98	-94.57
North America	Kennebunkport	33	43.50	-70.25
North America	Kirkland	34	47.61	-122.12
North America	Laramie	35	41.83	-105.25
North America	Las Vegas	36	36.17	-115.20
North America	Leavenworth	37	39.02	-94.55
North America	Little Rock	38	34.76	-91.83
North America	Long Beach	39	33.89	-117.92
North America	Los Angeles	40	34.05	-118.24
North America	Madison	41	43.05	-89.00
North America	Manhattan	42	40.71	-74.83
North America	Markham	43	43.71	-79.38
North America	Minneapolis	44	44.94	-93.80
North America	Milwaukee	45	43.02	-87.97
North America	Minot	46	46.83	-97.83
North America	Montgomery	47	32.34	-85.80
North America	Montgomery	48	32.34	-85.80
North America	Montgomery	49	32.34	-85.80
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North America	Montgomery	238	32.34	-85.80
North America	Montgomery	239	32.34	-85.

Code	Name	Type	Category	Sub-Category	Color	Size	Material	Style	Design	Pattern	Texture	Image
1001	Red Dress	Dress	Women's Clothing	Formal Wear	Red	S	Cotton	Classical	Flared	None	Smooth	Image 1
1002	Blue Dress	Dress	Women's Clothing	Formal Wear	Blue	M	Cotton	Classical	Flared	None	Smooth	Image 2
1003	Black Dress	Dress	Women's Clothing	Formal Wear	Black	L	Cotton	Classical	Flared	None	Smooth	Image 3
1004	White Dress	Dress	Women's Clothing	Formal Wear	White	XL	Cotton	Classical	Flared	None	Smooth	Image 4
1005	Yellow Dress	Dress	Women's Clothing	Formal Wear	Yellow	S	Cotton	Classical	Flared	None	Smooth	Image 5
1006	Pink Dress	Dress	Women's Clothing	Formal Wear	Pink	M	Cotton	Classical	Flared	None	Smooth	Image 6
1007	Green Dress	Dress	Women's Clothing	Formal Wear	Green	L	Cotton	Classical	Flared	None	Smooth	Image 7
1008	Orange Dress	Dress	Women's Clothing	Formal Wear	Orange	XL	Cotton	Classical	Flared	None	Smooth	Image 8
1009	Grey Dress	Dress	Women's Clothing	Formal Wear	Grey	S	Cotton	Classical	Flared	None	Smooth	Image 9
1010	Red Top	Top	Women's Clothing	Casual Wear	Red	S	Cotton	Modern	Round Neck	None	Smooth	Image 10
1011	Blue Top	Top	Women's Clothing	Casual Wear	Blue	M	Cotton	Modern	Round Neck	None	Smooth	Image 11
1012	Black Top	Top	Women's Clothing	Casual Wear	Black	L	Cotton	Modern	Round Neck	None	Smooth	Image 12
1013	White Top	Top	Women's Clothing	Casual Wear	White	XL	Cotton	Modern	Round Neck	None	Smooth	Image 13
1014	Yellow Top	Top	Women's Clothing	Casual Wear	Yellow	S	Cotton	Modern	Round Neck	None	Smooth	Image 14
1015	Pink Top	Top	Women's Clothing	Casual Wear	Pink	M	Cotton	Modern	Round Neck	None	Smooth	Image 15
1016	Green Top	Top	Women's Clothing	Casual Wear	Green	L	Cotton	Modern	Round Neck	None	Smooth	Image 16
1017	Orange Top	Top	Women's Clothing	Casual Wear	Orange	XL	Cotton	Modern	Round Neck	None	Smooth	Image 17
1018	Grey Top	Top	Women's Clothing	Casual Wear	Grey	S	Cotton	Modern	Round Neck	None	Smooth	Image 18
1019	Red Skirt	Skirt	Women's Clothing	Formal Wear	Red	S	Cotton	Classical	A-Line	None	Smooth	Image 19
1020	Blue Skirt	Skirt	Women's Clothing	Formal Wear	Blue	M	Cotton	Classical	A-Line	None	Smooth	Image 20
1021	Black Skirt	Skirt	Women's Clothing	Formal Wear	Black	L	Cotton	Classical	A-Line	None	Smooth	Image 21
1022	White Skirt	Skirt	Women's Clothing	Formal Wear	White	XL	Cotton	Classical	A-Line	None	Smooth	Image 22
1023	Yellow Skirt	Skirt	Women's Clothing	Formal Wear	Yellow	S	Cotton	Classical	A-Line	None	Smooth	Image 23
1024	Pink Skirt	Skirt	Women's Clothing	Formal Wear	Pink	M	Cotton	Classical	A-Line	None	Smooth	Image 24
1025	Green Skirt	Skirt	Women's Clothing	Formal Wear	Green	L	Cotton	Classical	A-Line	None	Smooth	Image 25
1026	Orange Skirt	Skirt	Women's Clothing	Formal Wear	Orange	XL	Cotton	Classical	A-Line	None	Smooth	Image 26
1027	Grey Skirt	Skirt	Women's Clothing	Formal Wear	Grey	S	Cotton	Classical	A-Line	None	Smooth	Image 27
1028	Red Blouse	Blouse	Women's Clothing	Formal Wear	Red	S	Cotton	Classical	Collarless	None	Smooth	Image 28
1029	Blue Blouse	Blouse	Women's Clothing	Formal Wear	Blue	M	Cotton	Classical	Collarless	None	Smooth	Image 29
1030	Black Blouse	Blouse	Women's Clothing	Formal Wear	Black	L	Cotton	Classical	Collarless	None	Smooth	Image 30
1031	White Blouse	Blouse	Women's Clothing	Formal Wear	White	XL	Cotton	Classical	Collarless	None	Smooth	Image 31
1032	Yellow Blouse	Blouse	Women's Clothing	Formal Wear	Yellow	S	Cotton	Classical	Collarless	None	Smooth	Image 32
1033	Pink Blouse	Blouse	Women's Clothing	Formal Wear	Pink	M	Cotton	Classical	Collarless	None	Smooth	Image 33
1034	Green Blouse	Blouse	Women's Clothing	Formal Wear	Green	L	Cotton	Classical	Collarless	None	Smooth	Image 34
1035	Orange Blouse	Blouse	Women's Clothing	Formal Wear	Orange	XL	Cotton	Classical	Collarless	None	Smooth	Image 35
1036	Grey Blouse	Blouse	Women's Clothing	Formal Wear	Grey	S	Cotton	Classical	Collarless	None	Smooth	Image 36
1037	Red Coat	Coat	Women's Clothing	Formal Wear	Red	S	Cotton	Classical	Double Breasted	None	Smooth	Image 37
1038	Blue Coat	Coat	Women's Clothing	Formal Wear	Blue	M	Cotton	Classical	Double Breasted	None	Smooth	Image 38
1039	Black Coat	Coat	Women's Clothing	Formal Wear	Black	L	Cotton	Classical	Double Breasted	None	Smooth	Image 39
1040	White Coat	Coat	Women's Clothing	Formal Wear	White	XL	Cotton	Classical	Double Breasted	None	Smooth	Image 40
1041	Yellow Coat	Coat	Women's Clothing	Formal Wear	Yellow	S	Cotton	Classical	Double Breasted	None	Smooth	Image 41
1042	Pink Coat	Coat	Women's Clothing	Formal Wear	Pink	M	Cotton	Classical	Double Breasted	None	Smooth	Image 42
1043	Green Coat	Coat	Women's Clothing	Formal Wear	Green	L	Cotton	Classical	Double Breasted	None	Smooth	Image 43
1044	Orange Coat	Coat	Women's Clothing	Formal Wear	Orange	XL	Cotton	Classical	Double Breasted	None	Smooth	Image 44
1045	Grey Coat	Coat	Women's Clothing	Formal Wear	Grey	S	Cotton	Classical	Double Breasted	None	Smooth	Image 45
1046	Red Skirt Set	Skirt Set	Women's Clothing	Formal Wear	Red	S	Cotton	Classical	A-Line	None	Smooth	Image 46
1047	Blue Skirt Set	Skirt Set	Women's Clothing	Formal Wear	Blue	M	Cotton	Classical	A-Line	None	Smooth	Image 47
1048	Black Skirt Set	Skirt Set	Women's Clothing	Formal Wear	Black	L	Cotton	Classical	A-Line	None	Smooth	Image 48
1049	White Skirt Set	Skirt Set	Women's Clothing	Formal Wear	White	XL	Cotton	Classical	A-Line	None	Smooth	Image 49
1050	Yellow Skirt Set	Skirt Set	Women's Clothing	Formal Wear	Yellow	S	Cotton	Classical	A-Line	None	Smooth	Image 50
1051	Pink Skirt Set	Skirt Set	Women's Clothing	Formal Wear	Pink	M	Cotton	Classical	A-Line	None	Smooth	Image 51
1052	Green Skirt Set	Skirt Set	Women's Clothing	Formal Wear	Green	L	Cotton	Classical	A-Line	None	Smooth	Image 52
1053	Orange Skirt Set	Skirt Set	Women's Clothing	Formal Wear	Orange	XL	Cotton	Classical	A-Line	None	Smooth	Image 53
1054	Grey Skirt Set	Skirt Set	Women's Clothing	Formal Wear	Grey	S	Cotton	Classical	A-Line	None	Smooth	Image 54
1055	Red Top Set	Top Set	Women's Clothing	Formal Wear	Red	S	Cotton	Classical	Round Neck	None	Smooth	Image 55
1056	Blue Top Set	Top Set	Women's Clothing	Formal Wear	Blue	M	Cotton	Classical	Round Neck	None	Smooth	Image 56
1057	Black Top Set	Top Set	Women's Clothing	Formal Wear	Black	L	Cotton	Classical	Round Neck	None	Smooth	Image 57
1058	White Top Set	Top Set	Women's Clothing	Formal Wear	White	XL	Cotton	Classical	Round Neck	None	Smooth	Image 58
1059	Yellow Top Set	Top Set	Women's Clothing	Formal Wear	Yellow	S	Cotton	Classical	Round Neck	None	Smooth	Image 59
1060	Pink Top Set	Top Set	Women's Clothing	Formal Wear	Pink	M	Cotton	Classical	Round Neck	None	Smooth	Image 60
1061	Green Top Set	Top Set	Women's Clothing	Formal Wear	Green	L	Cotton	Classical	Round Neck	None	Smooth	Image 61
1062	Orange Top Set	Top Set	Women's Clothing	Formal Wear	Orange	XL	Cotton	Classical	Round Neck	None	Smooth	Image 62
1063	Grey Top Set	Top Set	Women's Clothing	Formal Wear	Grey	S	Cotton	Classical	Round Neck	None	Smooth	Image 63
1064	Red Skirt Set	Skirt Set	Women's Clothing	Formal Wear	Red	S	Cotton	Classical	A-Line	None	Smooth	Image 64
1065	Blue Skirt Set	Skirt Set	Women's Clothing	Formal Wear	Blue	M	Cotton	Classical	A-Line	None	Smooth	Image 65
1066	Black Skirt Set	Skirt Set	Women's Clothing	Formal Wear	Black	L	Cotton	Classical	A-Line	None	Smooth	Image 66
1067	White Skirt Set	Skirt Set	Women's Clothing	Formal Wear	White	XL	Cotton	Classical	A-Line	None	Smooth	Image 67
1068	Yellow Skirt Set	Skirt Set	Women's Clothing	Formal Wear	Yellow	S	Cotton	Classical	A-Line	None	Smooth	Image 68
1069	Pink Skirt Set	Skirt Set	Women's Clothing	Formal Wear	Pink	M	Cotton	Classical	A-Line	None	Smooth	Image 69
1070	Green Skirt Set	Skirt Set	Women's Clothing	Formal Wear	Green	L	Cotton	Classical	A-Line	None	Smooth	Image 70
1071	Orange Skirt Set	Skirt Set	Women's Clothing	Formal Wear	Orange	XL	Cotton	Classical	A-Line	None	Smooth	Image 71
1072	Grey Skirt Set	Skirt Set	Women's Clothing	Formal Wear	Grey	S	Cotton	Classical	A-Line	None	Smooth	Image 72
1073	Red Blouse Set	Blouse Set	Women's Clothing	Formal Wear	Red	S	Cotton	Classical	Collarless	None	Smooth	Image 73
1074	Blue Blouse Set	Blouse Set	Women's Clothing	Formal Wear	Blue	M	Cotton	Classical	Collarless	None	Smooth	Image 74
1075	Black Blouse Set	Blouse Set	Women's Clothing	Formal Wear	Black	L	Cotton	Classical	Collarless	None	Smooth	Image 75
1076	White Blouse Set	Blouse Set	Women's Clothing	Formal Wear	White	XL	Cotton	Classical	Collarless	None	Smooth	Image 76
1077	Yellow Blouse Set	Blouse Set	Women's Clothing	Formal Wear	Yellow	S	Cotton	Classical	Collarless	None	Smooth	Image 77
1078	Pink Blouse Set	Blouse Set	Women's Clothing	Formal Wear	Pink	M	Cotton	Classical	Collarless	None	Smooth	Image 78
1079	Green Blouse Set	Blouse Set	Women's Clothing	Formal Wear	Green	L	Cotton	Classical	Collarless	None	Smooth	Image 79
1080	Orange Blouse Set	Blouse Set	Women's Clothing	Formal Wear	Orange	XL	Cotton	Classical	Collarless	None	Smooth	Image 80
1081	Grey Blouse Set	Blouse Set	Women's Clothing	Formal Wear	Grey	S	Cotton	Classical	Collarless	None	Smooth	Image 81
1082	Red Coat Set	Coat Set	Women's Clothing	Formal Wear	Red	S	Cotton	Classical	Double Breasted	None	Smooth	Image 82
1083	Blue Coat Set	Coat Set	Women's Clothing	Formal Wear	Blue	M	Cotton	Classical	Double Breasted	None	Smooth	Image 83
1084	Black Coat Set	Coat Set	Women's Clothing	Formal Wear	Black	L	Cotton	Classical	Double Breasted	None	Smooth	Image 84
1085	White Coat Set	Coat Set	Women's Clothing	Formal Wear	White	XL	Cotton	Classical	Double Breasted	None	Smooth	Image 85
1086	Yellow Coat Set	Coat Set	Women's Clothing	Formal Wear	Yellow	S	Cotton	Classical	Double Breasted	None	Smooth	Image 86
1087	Pink Coat Set	Coat Set	Women's Clothing	Formal Wear	Pink	M	Cotton	Classical	Double Breasted	None	Smooth	Image 87
1088	Green Coat Set	Coat Set	Women's Clothing	Formal Wear	Green	L	Cotton	Classical	Double Breasted	None	Smooth	Image 88
1089	Orange Coat Set	Coat Set	Women's Clothing	Formal Wear	Orange	XL	Cotton	Classical	Double Breasted	None	Smooth	Image 89
1090	Grey Coat Set	Coat Set	Women's Clothing	Formal Wear	Grey	S	Cotton	Classical	Double Breasted	None	Smooth	Image 90
1091	Red Skirt Top Set	Skirt Top Set	Women's Clothing	Formal Wear	Red	S	Cotton	Classical	A-Line	None	Smooth	Image 91
1092	Blue Skirt Top Set	Skirt Top Set	Women's Clothing	Formal Wear	Blue	M	Cotton	Classical	A-Line	None	Smooth	Image 92
1093	Black Skirt Top Set	Skirt Top Set	Women's Clothing	Formal Wear	Black	L	Cotton	Classical	A-Line	None	Smooth	Image 93
1094	White Skirt Top Set	Skirt Top Set	Women's Clothing	Formal Wear	White	XL	Cotton	Classical	A-Line	None	Smooth	Image 94
1095	Yellow Skirt Top Set	Skirt Top Set	Women's Clothing	Formal Wear	Yellow	S	Cotton	Classical	A-Line	None	Smooth	Image 95
1096	Pink Skirt Top Set	Skirt Top Set	Women's Clothing	Formal Wear	Pink	M	Cotton	Classical	A-Line	None	Smooth	Image 96
1097	Green Skirt Top Set	Skirt Top Set	Women's Clothing	Formal Wear	Green	L	Cotton	Classical	A-Line	None	Smooth	Image 97
1098	Orange Skirt Top Set	Skirt Top Set	Women's Clothing	Formal Wear	Orange	XL	Cotton	Classical	A-Line	None	Smooth	Image 98
1099	Grey Skirt Top Set	Skirt Top Set	Women's Clothing	Formal Wear	Grey	S	Cotton	Classical	A-Line	None	Smooth	Image 99
1100	Red Top Skirt Set	Top Skirt Set	Women's Clothing	Formal Wear	Red	S	Cotton	Classical	Round Neck	None	Smooth	Image 100
1101	Blue Top Skirt Set	Top Skirt Set	Women's Clothing	Formal Wear	Blue	M	Cotton	Classical	Round Neck	None	Smooth	Image 101
1102	Black Top Skirt Set	Top Skirt Set	Women's Clothing	Formal Wear	Black	L	Cotton	Classical	Round Neck	None	Smooth	Image 102
1103	White Top Skirt Set	Top Skirt Set	Women's Clothing	Formal Wear	White	XL	Cotton	Classical	Round Neck	None	Smooth	Image 103
1104	Yellow Top Skirt Set	Top Skirt Set	Women's Clothing	Formal Wear	Yellow	S	Cotton	Classical	Round Neck	None	Smooth	Image 104
1105	Pink Top Skirt Set	Top Skirt Set	Women's Clothing	Formal Wear	Pink	M	Cotton	Classical	Round Neck	None	Smooth	Image 105
1106	Green Top Skirt Set	Top Skirt Set	Women's Clothing	Formal Wear	Green	L	Cotton	Classical	Round Neck	None	Smooth	Image 106
1107	Orange Top Skirt Set	Top Skirt Set	Women's Clothing	Formal Wear	Orange	XL	Cotton	Classical	Round Neck	None	Smooth	Image 107
1108	Grey Top Skirt Set	Top Skirt Set	Women's Clothing	Formal Wear	Grey	S	Cotton	Classical	Round Neck	None	Smooth	Image 108
1109	Red Skirt Coat Set	Skirt Coat Set	Women's Clothing	Formal Wear	Red	S	Cotton	Classical	A-Line	None	Smooth	Image 109
1110	Blue Skirt Coat Set	Skirt Coat Set	Women's Clothing	Formal Wear	Blue	M	Cotton	Classical	A-Line	None	Smooth	Image 110
1111	Black Skirt Coat Set	Skirt Coat Set	Women's Clothing	Formal Wear	Black	L	Cotton	Classical	A-Line	None	Smooth	Image 111
1112	White Skirt Coat Set	Skirt Coat Set	Women's Clothing	Formal Wear	White	XL	Cotton	Classical	A-Line	None	Smooth	Image 112
1113	Yellow Skirt Coat Set	Skirt Coat Set	Women's Clothing	Formal Wear	Yellow	S	Cotton	Classical	A-Line	None	Smooth	Image 113
1114	Pink Skirt Coat Set	Skirt Coat Set	Women's Clothing	Formal Wear	Pink	M	Cotton	Classical	A-Line	None	Smooth	Image 114
1115	Green Skirt Coat Set	Skirt Coat Set	Women's Clothing	Formal Wear	Green	L	Cotton	Classical	A-Line	None	Smooth	Image 115
1116	Orange Skirt Coat Set	Skirt Coat Set	Women's Clothing	Formal Wear	Orange	XL	Cotton	Classical	A-Line	None	Smooth	Image 116
1117	Grey Skirt Coat Set	Skirt Coat Set	Women's Clothing	Formal Wear	Grey	S	Cotton	Classical	A-Line	None	Smooth	Image 117
1118	Red Coat Top Set	Coat Top Set	Women's Clothing	Formal Wear	Red	S	Cotton	Classical	Double Breasted	None	Smooth	Image 118
1119	Blue Coat Top Set	Coat Top Set	Women's Clothing	Formal Wear	Blue	M	Cotton	Classical	Double Breasted	None	Smooth	Image 119
1120	Black Coat Top Set	Coat Top Set	Women's Clothing	Formal Wear	Black	L	Cotton	Classical	Double Breasted	None	Smooth	Image 120
1121	White Coat Top Set	Coat Top Set	Women's Clothing	Formal Wear	White	XL	Cotton	Classical	Double Breasted	None	Smooth	Image 121
1122	Yellow Coat Top Set	Coat Top Set	Women's Clothing	Formal Wear	Yellow	S	Cotton	Classical	Double Breasted	None	Smooth	Image 122
1123	Pink Coat Top Set	Coat Top Set	Women's Clothing	Formal Wear	Pink	M	Cotton	Classical	Double Breasted	None	Smooth	Image 123
1124</												

Period	Day	Month	Year
1997-01-01	1	January	1997
1997-01-02	2	January	1997
1997-01-03	3	January	1997
1997-01-04	4	January	1997
1997-01-05	5	January	1997
1997-01-06	6	January	1997
1997-01-07	7	January	1997
1997-01-08	8	January	1997
1997-01-09	9	January	1997
1997-01-10	10	January	1997
1997-01-11	11	January	1997
1997-01-12	12	January	1997
1997-01-13	13	January	1997
1997-01-14	14	January	1997
1997-01-15	15	January	1997
1997-01-16	16	January	1997
1997-01-17	17	January	1997
1997-01-18	18	January	1997
1997-01-19	19	January	1997
1997-01-20	20	January	1997
1997-01-21	21	January	1997
1997-01-22	22	January	1997
1997-01-23	23	January	1997
1997-01-24	24	January	1997
1997-01-25	25	January	1997
1997-01-26	26	January	1997
1997-01-27	27	January	1997
1997-01-28	28	January	1997
1997-01-29	29	January	1997
1997-01-30	30	January	1997
1997-01-31	31	January	1997
1997-02-01	1	February	1997
1997-02-02	2	February	1997
1997-02-03	3	February	1997
1997-02-04	4	February	1997
1997-02-05	5	February	1997
1997-02-06	6	February	1997
1997-02-07	7	February	1997
1997-02-08	8	February	1997
1997-02-09	9	February	1997
1997-02-10	10	February	1997
1997-02-11	11	February	1997
1997-02-12	12	February	1997
1997-02-13	13	February	1997
1997-02-14	14	February	1997
1997-02-15	15	February	1997
1997-02-16	16	February	1997
1997-02-17	17	February	1997
1997-02-18	18	February	1997
1997-02-19	19	February	1997
1997-02-20	20	February	1997
1997-02-21	21	February	1997
1997-02-22	22	February	1997
1997-02-23	23	February	1997
1997-02-24	24	February	1997
1997-02-25	25	February	1997
1997-02-26	26	February	1997
1997-02-27	27	February	1997
1997-02-28	28	February	1997
1997-02-29	29	February	1997
1997-03-01	1	March	1997
1997-03-02	2	March	1997
1997-03-03	3	March	1997
1997-03-04	4	March	1997
1997-03-05	5	March	1997
1997-03-06	6	March	1997
1997-03-07	7	March	1997
1997-03-08	8	March	1997
1997-03-09	9	March	1997
1997-03-10	10	March	1997
1997-03-11	11	March	1997
1997-03-12	12	March	1997
1997-03-13	13	March	1997
1997-03-14	14	March	1997
1997-03-15	15	March	1997
1997-03-16	16	March	1997
1997-03-17	17	March	1997
1997-03-18	18	March	1997
1997-03-19	19	March	1997
1997-03-20	20	March	1997
1997-03-21	21	March	1997
1997-03-22	22	March	1997
1997-03-23	23	March	1997
1997-03-24	24	March	1997
1997-03-25	25	March	1997
1997-03-26	26	March	1997
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1997-03-28	28	March	1997
1997-03-29	29	March	1997
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1997-04-01	1	April	1997
1997-04-02	2	April	1997
1997-04-03	3	April	1997
1997-04-04	4	April	1997
1997-04-05	5	April	1997
1997-04-06	6	April	1997
1997-04-07	7	April	1997
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1997-04-11	11	April	1997
1997-04-12	12	April	1997
1997-04-13	13	April	1997
1997-04-14	14	April	1997
1997-04-15	15	April	1997
1997-04-16	16	April	1997
1997-04-17	17	April	1997
1997-04-18	18	April	1997
1997-04-19	19	April	1997
1997-04-20	20	April	1997
1997-04-21	21	April	1997
1997-04-22	22	April	1997
1997-04-23	23	April	1997
1997-04-24	24	April	1997
1997-04-25	25	April	1997
1997-04-26	26	April	1997
1997-04-27	27	April	1997
1997-04-28	28	April	1997
1997-04-29	29	April	1997
1997-04-30	30	April	1997
1997-05-01	1	May	1997
1997-05-02	2	May	1997
1997-05-03	3	May	1997
1997-05-04	4	May	1997
1997-05-05	5	May	1997
1997-05-06	6	May	1997
1997-05-07	7	May	1997
1997-05-08	8	May	1997
1997-05-09	9	May	1997
1997-05-10	10	May	1997
1997-05-11	11	May	1997
1997-05-12	12	May	1997
1997-05-13	13	May	1997
1997-05-14	14	May	1997
1997-05-15	15	May	1997
1997-05-16	16	May	1997
1997-05-17	17	May	1997
1997-05-18	18	May	1997
1997-05-19	19	May	1997
1997-05-20	20	May	1997
1997-05-21	21	May	1997
1997-05-22	22	May	1997
1997-05-23	23	May	1997
1997-05-24	24	May	1997
1997-05-25	25	May	1997
1997-05-26	26	May	1997
1997-05-27	27	May	1997
1997-05-28	28	May	1997
1997-05-29	29	May	1997
1997-05-30	30	May	1997
1997-05-31	31	May	1997
1997-06-01	1	June	1997
1997-06-02	2	June	1997
1997-06-03	3	June	1997
1997-06-04	4	June	1997
1997-06-05	5	June	1997
1997-06-06	6	June	1997
1997-06-07	7	June	1997
1997-06-08	8	June	1997
1997-06-09	9	June	1997
1997-06-10	10	June	1997
1997-06-11	11	June	1997
1997-06-12	12	June	1997
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1997-06-14	14	June	1997
1997-06-15	15	June	1997
1997-06-16	16	June	1997
1997-06-17	17	June	1997
1997-06-18	18	June	1997
1997-06-19	19	June	1997
1997-06-20	20	June	1997
1997-06-21	21	June	1997
1997-06-22	22	June	1997
1997-06-23	23	June	1997
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1997-06-25	25	June	1997
1997-06-26	26	June	1997
1997-06-27	27	June	1997
1997-06-28	28	June	1997
1997-06-29	29	June	1997
1997-06-30	30	June	1997
1997-07-01	1	July	1997
1997-07-02	2	July	1997
1997-07-03	3	July	1997
1997-07-04	4	July	1997
1997-07-05	5	July	1997
1997-07-06	6	July	1997
1997-07-07	7	July	1997
1997-07-08	8	July	1997
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1997-07-10	10	July	1997
1997-07-11	11	July	1997
1997-07-12	12	July	1997
1997-07-13	13	July	1997
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1997-07-16	16	July	1997
1997-07-17	17	July	1997
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1997-07-22	22	July	1997
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1997-07-26	26	July	1997
1997-07-27	27	July	1997
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1997-07-30	30	July	1997
1997-07-31	31	July	1997
1997-08-01	1	August	1997
1997-08-02	2	August	1997
1997-08-03	3	August	1997
1997-08-04	4	August	1997
1997-08-05	5	August	1997
1997-08-06	6	August	1997
1997-08-07	7	August	1997
1997-08-08	8	August	1997
1997-08-09	9	August	1997
1997-08-10	10	August	1997
1997-08-11	11	August	1997
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1997-08-16	16	August	1997
1997-08-17	17	August	1997
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1997-08-21	21	August	1997
1997-08-22	22	August	1997
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1997-08-26	26	August	1997
1997-08-27	27	August	1997
1997-08-28	28	August	1997
1997-08-29	29	August	1997
1997-08-30	30	August	1997
1997-08-31	31	August	1997
1997-09-01	1	September	1997
1997-09-02	2	September	1997
1997-09-03	3	September	1997
1997-09-04	4	September	1997
1997-09-05	5	September	1997
1997-09-06	6	September	1997
1997-09-07	7	September	1997
1997-09-08	8	September	1997
1997-09-09	9	September	1997
1997-09-10	10	September	1997
1997-09-11	11	September	1997
1997-09-12	12	September	1997
1997-09-13	13	September	1997
1997-09-14	14	September	1997
1997-09-15	15	September	1997
1997-09-16	16	September	1997
1997-09-17	17	September	1997
1997-09-18	18	September	1997
1997-09-19	19	September	1997
1997-09-20	20	September	1997
1997-09-21	21	September	1997
1997-09-22	22	September	1997
1997-09-23	23	September	1997
1997-09-24	24	September	1997

Region	City Name	City ID	Country ID
North America	Austin	1	1
North America	Boston	2	1
North America	Chicago	3	1
North America	Dallas	4	1
North America	Denver	5	1
North America	Houston	6	1
North America	Los Angeles	7	1
North America	Montreal	8	1
North America	New York	9	1
North America	Philadelphia	10	1
North America	Pittsburgh	11	1
North America	Seattle	12	1
North America	Toronto	13	1
North America	Washington D.C.	14	1
North America	Albuquerque	15	1
North America	Atlanta	16	1
North America	Baltimore	17	1
North America	Charleston	18	1
North America	Columbus	19	1
North America	Dayton	20	1
North America	Florida	21	1
North America	Fort Lauderdale	22	1
North America	Gainesville	23	1
North America	Jacksonville	24	1
North America	Jackson	25	1
North America	Knoxville	26	1
North America	Louisville	27	1
North America	Memphis	28	1
North America	Miami	29	1
North America	Nashville	30	1
North America	Orlando	31	1
North America	Phoenix	32	1
North America	Portland	33	1
North America	Raleigh	34	1
North America	San Antonio	35	1
North America	San Diego	36	1
North America	San Francisco	37	1
North America	St. Louis	38	1
North America	St. Paul	39	1
North America	Seattle	40	1
North America	Spokane	41	1
North America	Tampa	42	1
North America	Utah	43	1
North America	Virginia Beach	44	1
North America	Washington D.C.	45	1
North America	West Palm Beach	46	1
North America	Wichita	47	1
North America	Albuquerque	48	1
North America	Atlanta	49	1
North America	Baltimore	50	1
North America	Charleston	51	1
North America	Columbus	52	1
North America	Dayton	53	1
North America	Florida	54	1
North America	Fort Lauderdale	55	1
North America	Gainesville	56	1
North America	Jacksonville	57	1
North America	Jackson	58	1
North America	Knoxville	59	1
North America	Louisville	60	1
North America	Memphis	61	1
North America	Miami	62	1
North America	Nashville	63	1
North America	Orlando	64	1
North America	Phoenix	65	1
North America	Portland	66	1
North America	Raleigh	67	1
North America	San Antonio	68	1
North America	San Diego	69	1
North America	San Francisco	70	1
North America	St. Louis	71	1
North America	St. Paul	72	1
North America	Seattle	73	1
North America	Spokane	74	1
North America	Tampa	75	1
North America	Utah	76	1
North America	Virginia Beach	77	1
North America	Washington D.C.	78	1
North America	West Palm Beach	79	1
North America	Wichita	80	1
North America	Albuquerque	81	1
North America	Atlanta	82	1
North America	Baltimore	83	1
North America	Charleston	84	1
North America	Columbus	85	1
North America	Dayton	86	1
North America	Florida	87	1
North America	Fort Lauderdale	88	1
North America	Gainesville	89	1
North America	Jacksonville	90	1
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North America	Louisville	93	1
North America	Memphis	94	1
North America	Miami	95	1
North America	Nashville	96	1
North America	Orlando	97	1
North America	Phoenix	98	1
North America	Portland	99	1
North America	Raleigh	100	1
North America	San Antonio	101	1
North America	San Diego	102	1
North America	San Francisco	103	1
North America	St. Louis	104	1
North America	St. Paul	105	1
North America	Seattle	106	1
North America	Spokane	107	1
North America	Tampa	108	1
North America	Utah	109	1
North America	Virginia Beach	110	1
North America	Washington D.C.	111	1
North America	West Palm Beach	112	1
North America	Wichita	113	1
North America	Albuquerque	114	1
North America	Atlanta	115	1
North America	Baltimore	116	1
North America	Charleston	117	1
North America	Columbus	118	1
North America	Dayton	119	1
North America	Florida	120	1
North America	Fort Lauderdale	121	1
North America	Gainesville	122	1
North America	Jacksonville	123	1
North America	Jackson	124	1
North America	Knoxville	125	1
North America	Louisville	126	1
North America	Memphis	127	1
North America	Miami	128	1
North America	Nashville	129	1
North America	Orlando	130	1
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North America	Portland	132	1
North America	Raleigh	133	1
North America	San Antonio	134	1
North America	San Diego	135	1
North America	San Francisco	136	1
North America	St. Louis	137	1
North America	St. Paul	138	1
North America	Seattle	139	1
North America	Spokane	140	1
North America	Tampa	141	1
North America	Utah	142	1
North America	Virginia Beach	143	1
North America	Washington D.C.	144	1
North America	West Palm Beach	145	1
North America	Wichita	146	1
North America	Albuquerque	147	1
North America	Atlanta	148	1
North America	Baltimore	149	1
North America	Charleston	150	1
North America	Columbus	151	1
North America	Dayton	152	1
North America	Florida	153	1
North America	Fort Lauderdale	154	1
North America	Gainesville	155	1
North America	Jacksonville	156	1
North America	Jackson	157	1
North America	Knoxville	158	1
North America	Louisville	159	1
North America	Memphis	160	1
North America	Miami	161	1
North America	Nashville	162	1
North America	Orlando	163	1
North America	Phoenix	164	1
North America	Portland	165	1
North America	Raleigh	166	1
North America	San Antonio	167	1
North America	San Diego	168	1
North America	San Francisco	169	1
North America	St. Louis	170	1
North America	St. Paul	171	1
North America	Seattle	172	1
North America	Spokane	173	1
North America	Tampa	174	1
North America	Utah	175	1
North America	Virginia Beach	176	1
North America	Washington D.C.	177	1
North America	West Palm Beach	178	1
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North America	Spokane	206	1
North America	Tampa	207	1
North America	Utah	208	1
North America	Virginia Beach	209	1
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North America	West Palm Beach	211	1
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North America	Raleigh	331	1
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North America	St. Louis	335	1
North America	St. Paul	336	1
North America	Seattle	337	1
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North America	Tampa	339	1
North America	Utah	340	1
North America	Virginia Beach	341	1
North America	Washington D.C.	342	1
North America	West Palm Beach	343	1
North America	Wichita	344	1
North America	Albuquerque	345	1
North America	Atlanta	346	1

Region	City Name	City ID	Country ID
North America	Austin	1	1
North America	Boston	2	1
North America	Chicago	3	1
North America	Dallas	4	1
North America	Denver	5	1
North America	Houston	6	1
North America	Los Angeles	7	1
North America	Phoenix	8	1
North America	Seattle	9	1
North America	Tampa	10	1
North America	Toronto	11	1
North America	Vancouver	12	1
North America	Victoria	13	1
North America	Washington D.C.	14	1
North America	Winnipeg	15	1
Europe	Amsterdam	16	2
Europe	Barcelona	17	2
Europe	Berlin	18	2
Europe	Brussels	19	2
Europe	Copenhagen	20	2
Europe	Dublin	21	2
Europe	Glasgow	22	2
Europe	London	23	2
Europe	Lisbon	24	2
Europe	Madrid	25	2
Europe	Milan	26	2
Europe	Naples	27	2
Europe	Paris	28	2
Europe	Rome	29	2
Europe	Saint Petersburg	30	2
Europe	Stockholm	31	2
Europe	Turin	32	2
Europe	Vienna	33	2
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Europe	Vienna	97	2
Europe	Vienna	98	2
Europe	Vienna	99	2
Europe	Vienna	100	2
Asia	Beijing	101	3
Asia	Chengdu	102	3
Asia	Guangzhou	103	3
Asia	Hong Kong	104	3
Asia	Kuala Lumpur	105	3
Asia	Macau	106	3
Asia	Malaysia	107	3
Asia	Shanghai	108	3
Asia	Singapore	109	3
Asia	Taipei	110	3
Asia	Taiwan	111	3
Asia	Thailand	112	3
Asia	Urumqi	113	3
Asia	Yunnan	114	3
Oceania	Auckland	115	4
Oceania	Christchurch	116	4
Oceania	Dunedin	117	4
Oceania	Hamilton	118	4
Oceania	Hobart	119	4
Oceania	Launceston	120	4
Oceania	Melbourne	121	4
Oceania	Perth	122	4
Oceania	Sydney	123	4
Oceania	Wellington	124	4
Oceania	Wollongong	125	4
Oceania	Yarraville	126	4
Oceania	Zoekoe	127	4
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Oceania	Zoekoe	341	

Code	Name	Category	Color	Size	Style	Material	Price
1001	Red Dress	Dresses	Red	S	Formal	Cotton	\$120
1002	Blue Dress	Dresses	Blue	M	Formal	Cotton	\$120
1003	Yellow Dress	Dresses	Yellow	L	Formal	Cotton	\$120
1004	Green Dress	Dresses	Green	S	Formal	Cotton	\$120
1005	Pink Dress	Dresses	Pink	M	Formal	Cotton	\$120
1006	Black Dress	Dresses	Black	L	Formal	Cotton	\$120
1007	White Dress	Dresses	White	S	Formal	Cotton	\$120
1008	Orange Dress	Dresses	Orange	M	Formal	Cotton	\$120
1009	Grey Dress	Dresses	Grey	L	Formal	Cotton	\$120
1010	Red Top	Blouses	Red	S	Formal	Cotton	\$100
1011	Blue Top	Blouses	Blue	M	Formal	Cotton	\$100
1012	Yellow Top	Blouses	Yellow	L	Formal	Cotton	\$100
1013	Green Top	Blouses	Green	S	Formal	Cotton	\$100
1014	Pink Top	Blouses	Pink	M	Formal	Cotton	\$100
1015	Black Top	Blouses	Black	L	Formal	Cotton	\$100
1016	White Top	Blouses	White	S	Formal	Cotton	\$100
1017	Orange Top	Blouses	Orange	M	Formal	Cotton	\$100
1018	Grey Top	Blouses	Grey	L	Formal	Cotton	\$100
1019	Red Skirt	Skirts	Red	S	Formal	Cotton	\$80
1020	Blue Skirt	Skirts	Blue	M	Formal	Cotton	\$80
1021	Yellow Skirt	Skirts	Yellow	L	Formal	Cotton	\$80
1022	Green Skirt	Skirts	Green	S	Formal	Cotton	\$80
1023	Pink Skirt	Skirts	Pink	M	Formal	Cotton	\$80
1024	Black Skirt	Skirts	Black	L	Formal	Cotton	\$80
1025	White Skirt	Skirts	White	S	Formal	Cotton	\$80
1026	Orange Skirt	Skirts	Orange	M	Formal	Cotton	\$80
1027	Grey Skirt	Skirts	Grey	L	Formal	Cotton	\$80
1028	Red Pant	Pants	Red	S	Formal	Cotton	\$70
1029	Blue Pant	Pants	Blue	M	Formal	Cotton	\$70
1030	Yellow Pant	Pants	Yellow	L	Formal	Cotton	\$70
1031	Green Pant	Pants	Green	S	Formal	Cotton	\$70
1032	Pink Pant	Pants	Pink	M	Formal	Cotton	\$70
1033	Black Pant	Pants	Black	L	Formal	Cotton	\$70
1034	White Pant	Pants	White	S	Formal	Cotton	\$70
1035	Orange Pant	Pants	Orange	M	Formal	Cotton	\$70
1036	Grey Pant	Pants	Grey	L	Formal	Cotton	\$70
1037	Red Coat	Coats	Red	S	Formal	Cotton	\$150
1038	Blue Coat	Coats	Blue	M	Formal	Cotton	\$150
1039	Yellow Coat	Coats	Yellow	L	Formal	Cotton	\$150
1040	Green Coat	Coats	Green	S	Formal	Cotton	\$150
1041	Pink Coat	Coats	Pink	M	Formal	Cotton	\$150
1042	Black Coat	Coats	Black	L	Formal	Cotton	\$150
1043	White Coat	Coats	White	S	Formal	Cotton	\$150
1044	Orange Coat	Coats	Orange	M	Formal	Cotton	\$150
1045	Grey Coat	Coats	Grey	L	Formal	Cotton	\$150
1046	Red Top	Blouses	Red	S	Smart	Cotton	\$100
1047	Blue Top	Blouses	Blue	M	Smart	Cotton	\$100
1048	Yellow Top	Blouses	Yellow	L	Smart	Cotton	\$100
1049	Green Top	Blouses	Green	S	Smart	Cotton	\$100
1050	Pink Top	Blouses	Pink	M	Smart	Cotton	\$100
1051	Black Top	Blouses	Black	L	Smart	Cotton	\$100
1052	White Top	Blouses	White	S	Smart	Cotton	\$100
1053	Orange Top	Blouses	Orange	M	Smart	Cotton	\$100
1054	Grey Top	Blouses	Grey	L	Smart	Cotton	\$100
1055	Red Skirt	Skirts	Red	S	Smart	Cotton	\$80
1056	Blue Skirt	Skirts	Blue	M	Smart	Cotton	\$80
1057	Yellow Skirt	Skirts	Yellow	L	Smart	Cotton	\$80
1058	Green Skirt	Skirts	Green	S	Smart	Cotton	\$80
1059	Pink Skirt	Skirts	Pink	M	Smart	Cotton	\$80
1060	Black Skirt	Skirts	Black	L	Smart	Cotton	\$80
1061	White Skirt	Skirts	White	S	Smart	Cotton	\$80
1062	Orange Skirt	Skirts	Orange	M	Smart	Cotton	\$80
1063	Grey Skirt	Skirts	Grey	L	Smart	Cotton	\$80
1064	Red Pant	Pants	Red	S	Smart	Cotton	\$70
1065	Blue Pant	Pants	Blue	M	Smart	Cotton	\$70
1066	Yellow Pant	Pants	Yellow	L	Smart	Cotton	\$70
1067	Green Pant	Pants	Green	S	Smart	Cotton	\$70
1068	Pink Pant	Pants	Pink	M	Smart	Cotton	\$70
1069	Black Pant	Pants	Black	L	Smart	Cotton	\$70
1070	White Pant	Pants	White	S	Smart	Cotton	\$70
1071	Orange Pant	Pants	Orange	M	Smart	Cotton	\$70
1072	Grey Pant	Pants	Grey	L	Smart	Cotton	\$70
1073	Red Coat	Coats	Red	S	Smart	Cotton	\$150
1074	Blue Coat	Coats	Blue	M	Smart	Cotton	\$150
1075	Yellow Coat	Coats	Yellow	L	Smart	Cotton	\$150
1076	Green Coat	Coats	Green	S	Smart	Cotton	\$150
1077	Pink Coat	Coats	Pink	M	Smart	Cotton	\$150
1078	Black Coat	Coats	Black	L	Smart	Cotton	\$150
1079	White Coat	Coats	White	S	Smart	Cotton	\$150
1080	Orange Coat	Coats	Orange	M	Smart	Cotton	\$150
1081	Grey Coat	Coats	Grey	L	Smart	Cotton	\$150
1082	Red Top	Blouses	Red	S	Smart Casual	Cotton	\$100
1083	Blue Top	Blouses	Blue	M	Smart Casual	Cotton	\$100
1084	Yellow Top	Blouses	Yellow	L	Smart Casual	Cotton	\$100
1085	Green Top	Blouses	Green	S	Smart Casual	Cotton	\$100
1086	Pink Top	Blouses	Pink	M	Smart Casual	Cotton	\$100
1087	Black Top	Blouses	Black	L	Smart Casual	Cotton	\$100
1088	White Top	Blouses	White	S	Smart Casual	Cotton	\$100
1089	Orange Top	Blouses	Orange	M	Smart Casual	Cotton	\$100
1090	Grey Top	Blouses	Grey	L	Smart Casual	Cotton	\$100
1091	Red Skirt	Skirts	Red	S	Smart Casual	Cotton	\$80
1092	Blue Skirt	Skirts	Blue	M	Smart Casual	Cotton	\$80
1093	Yellow Skirt	Skirts	Yellow	L	Smart Casual	Cotton	\$80
1094	Green Skirt	Skirts	Green	S	Smart Casual	Cotton	\$80
1095	Pink Skirt	Skirts	Pink	M	Smart Casual	Cotton	\$80
1096	Black Skirt	Skirts	Black	L	Smart Casual	Cotton	\$80
1097	White Skirt	Skirts	White	S	Smart Casual	Cotton	\$80
1098	Orange Skirt	Skirts	Orange	M	Smart Casual	Cotton	\$80
1099	Grey Skirt	Skirts	Grey	L	Smart Casual	Cotton	\$80
1100	Red Pant	Pants	Red	S	Smart Casual	Cotton	\$70
1101	Blue Pant	Pants	Blue	M	Smart Casual	Cotton	\$70
1102	Yellow Pant	Pants	Yellow	L	Smart Casual	Cotton	\$70
1103	Green Pant	Pants	Green	S	Smart Casual	Cotton	\$70
1104	Pink Pant	Pants	Pink	M	Smart Casual	Cotton	\$70
1105	Black Pant	Pants	Black	L	Smart Casual	Cotton	\$70
1106	White Pant	Pants	White	S	Smart Casual	Cotton	\$70
1107	Orange Pant	Pants	Orange	M	Smart Casual	Cotton	\$70
1108	Grey Pant	Pants	Grey	L	Smart Casual	Cotton	\$70
1109	Red Coat	Coats	Red	S	Smart Casual	Cotton	\$150
1110	Blue Coat	Coats	Blue	M	Smart Casual	Cotton	\$150
1111	Yellow Coat	Coats	Yellow	L	Smart Casual	Cotton	\$150
1112	Green Coat	Coats	Green	S	Smart Casual	Cotton	\$150
1113	Pink Coat	Coats	Pink	M	Smart Casual	Cotton	\$150
1114	Black Coat	Coats	Black	L	Smart Casual	Cotton	\$150
1115	White Coat	Coats	White	S	Smart Casual	Cotton	\$150
1116	Orange Coat	Coats	Orange	M	Smart Casual	Cotton	\$150
1117	Grey Coat	Coats	Grey	L	Smart Casual	Cotton	\$150
1118	Red Top	Blouses	Red	S	Smart Casual	Spandex	\$100
1119	Blue Top	Blouses	Blue	M	Smart Casual	Spandex	\$100
1120	Yellow Top	Blouses	Yellow	L	Smart Casual	Spandex	\$100
1121	Green Top	Blouses	Green	S	Smart Casual	Spandex	\$100
1122	Pink Top	Blouses	Pink	M	Smart Casual	Spandex	\$100
1123	Black Top	Blouses	Black	L	Smart Casual	Spandex	\$100
1124	White Top	Blouses	White	S	Smart Casual	Spandex	\$100
1125	Orange Top	Blouses	Orange	M	Smart Casual	Spandex	\$100
1126	Grey Top	Blouses	Grey	L	Smart Casual	Spandex	\$100
1127	Red Skirt	Skirts	Red	S	Smart Casual	Spandex	\$80
1128	Blue Skirt	Skirts	Blue	M	Smart Casual	Spandex	\$80
1129	Yellow Skirt	Skirts	Yellow	L	Smart Casual	Spandex	\$80
1130	Green Skirt	Skirts	Green	S	Smart Casual	Spandex	\$80
1131	Pink Skirt	Skirts	Pink	M	Smart Casual	Spandex	\$80
1132	Black Skirt	Skirts	Black	L	Smart Casual	Spandex	\$80
1133	White Skirt	Skirts	White	S	Smart Casual	Spandex	\$80
1134	Orange Skirt	Skirts	Orange	M	Smart Casual	Spandex	\$80
1135	Grey Skirt	Skirts	Grey	L	Smart Casual	Spandex	\$80
1136	Red Pant	Pants	Red	S	Smart Casual	Spandex	\$70
1137	Blue Pant	Pants	Blue	M	Smart Casual	Spandex	\$70
1138	Yellow Pant	Pants	Yellow	L	Smart Casual	Spandex	\$70
1139	Green Pant	Pants	Green	S	Smart Casual	Spandex	\$70
1140	Pink Pant	Pants	Pink	M	Smart Casual	Spandex	\$70
1141	Black Pant	Pants	Black	L	Smart Casual	Spandex	\$70
1142	White Pant	Pants	White	S	Smart Casual	Spandex	\$70
1143	Orange Pant	Pants	Orange	M	Smart Casual	Spandex	\$70
1144	Grey Pant	Pants	Grey	L	Smart Casual	Spandex	\$70
1145	Red Coat	Coats	Red	S	Smart Casual	Spandex	\$150
1146	Blue Coat	Coats	Blue	M	Smart Casual	Spandex	\$150
1147	Yellow Coat	Coats	Yellow	L	Smart Casual	Spandex	\$150
1148	Green Coat	Coats	Green	S	Smart Casual	Spandex	\$150
1149	Pink Coat	Coats	Pink	M	Smart Casual	Spandex	\$150
1150	Black Coat	Coats	Black	L	Smart Casual	Spandex	\$150
1151	White Coat	Coats	White	S	Smart Casual	Spandex	\$150
1152	Orange Coat	Coats	Orange	M	Smart Casual	Spandex	\$150
1153	Grey Coat	Coats	Grey	L	Smart Casual	Spandex	\$150
1154	Red Top	Blouses	Red	S	Smart Casual	Spandex	\$100
1155	Blue Top	Blouses	Blue	M	Smart Casual	Spandex	\$100
1156	Yellow Top	Blouses	Yellow	L	Smart Casual	Spandex	\$100
1157	Green Top	Blouses	Green	S	Smart Casual	Spandex	\$100
1158	Pink Top	Blouses	Pink	M	Smart Casual	Spandex	\$100
1159	Black Top	Blouses	Black	L	Smart Casual	Spandex	\$100
1160	White Top	Blouses	White	S	Smart Casual	Spandex	\$100
1161	Orange Top	Blouses	Orange	M	Smart Casual	Spandex	\$100
1162	Grey Top	Blouses	Grey	L	Smart Casual	Spandex	\$100
1163	Red Skirt	Skirts	Red	S	Smart Casual	Spandex	\$80
1164	Blue Skirt	Skirts	Blue	M	Smart Casual	Spandex	\$80
1165	Yellow Skirt	Skirts	Yellow	L	Smart Casual	Spandex	\$80
1166	Green Skirt	Skirts	Green	S	Smart Casual	Spandex	\$80
1167	Pink Skirt	Skirts	Pink	M	Smart Casual	Spandex	\$80
1168	Black Skirt	Skirts	Black	L	Smart Casual	Spandex	\$80
1169	White Skirt	Skirts	White	S	Smart Casual	Spandex	\$80
1170	Orange Skirt	Skirts	Orange	M	Smart Casual	Spandex	\$80
1171	Grey Skirt	Skirts	Grey	L	Smart Casual	Spandex	\$80
1172	Red Pant	Pants	Red	S	Smart Casual	Spandex	\$70
1173	Blue Pant	Pants	Blue	M	Smart Casual	Spandex	\$70
1174	Yellow Pant	Pants	Yellow	L	Smart Casual	Spandex	\$70
1175	Green Pant	Pants	Green	S	Smart Casual	Spandex	\$70
1176	Pink Pant	Pants	Pink	M	Smart Casual	Spandex	\$70
1177	Black Pant	Pants	Black	L	Smart Casual	Spandex	\$70
1178	White Pant	Pants	White	S	Smart Casual	Spandex	\$70
1179	Orange Pant	Pants	Orange	M	Smart Casual	Spandex	\$70
1180	Grey Pant	Pants	Grey	L	Smart Casual	Spandex	\$70
1181	Red Coat	Coats	Red	S	Smart Casual	Spandex	\$150
1182	Blue Coat	Coats	Blue	M	Smart Casual	Spandex	\$150
1183	Yellow Coat	Coats	Yellow	L	Smart Casual	Spandex	\$150
1184	Green Coat	Coats	Green	S	Smart Casual	Spandex	\$150
1185	Pink Coat	Coats	Pink	M	Smart Casual	Spandex	\$150
1186	Black Coat	Coats	Black	L	Smart Casual	Spandex	\$150
1187	White Coat	Coats	White	S	Smart Casual	Spandex	\$150
1188	Orange Coat	Coats	Orange	M	Smart Casual	Spandex	\$150
1189	Grey Coat	Coats	Grey	L	Smart Casual	Spandex	\$150
1190	Red Top	Blouses	Red	S	Smart Casual	Spandex	\$100
1191	Blue Top	Blouses	Blue	M	Smart Casual	Spandex	\$100
1192	Yellow Top	Blouses	Yellow	L	Smart Casual	Spandex	\$100
1193	Green Top	Blouses	Green	S	Smart Casual	Spandex	\$100
1194	Pink Top	Blouses	Pink	M	Smart Casual	Spandex	\$100
1195	Black Top	Blouses	Black	L	Smart Casual	Spandex	\$100
1196	White Top	Blouses	White	S	Smart Casual	Spandex	\$100
1197	Orange Top	Blouses	Orange	M	Smart Casual	Spandex	\$100
1198	Grey Top	Blouses	Grey	L	Smart Casual	Spandex	\$100
1199	Red Skirt	Skirts	Red	S	Smart Casual	Spandex	\$80
1200	Blue Skirt	Skirts	Blue	M	Smart Casual	Spandex	\$80
1201	Yellow Skirt	Skirts	Yellow	L	Smart Casual	Spandex	\$80
1202	Green Skirt	Skirts	Green	S	Smart Casual	Spandex	\$80
1203	Pink Skirt	Skirts	Pink	M	Smart Casual	Spandex	\$80
1204	Black Skirt	Skirts	Black	L	Smart Casual	Spandex	\$80
1205	White Skirt	Skirts	White	S	Smart Casual	Spandex	\$80
1206	Orange Skirt						

Region	City Name	City ID	City Lat	City Long
North America	Albuquerque	1	35.67	-106.61
North America	Atlanta	2	33.75	-84.39
North America	Baltimore	3	39.0	-76.9
North America	Boise	4	43.65	-116.2
North America	Calgary	5	51.05	-114.15
North America	Chicago	6	41.88	-87.63
North America	Columbus	7	40.41	-83.02
North America	Dallas	8	32.77	-96.8
North America	Denver	9	39.76	-104.99
North America	Edmonton	10	53.54	-113.49
North America	Fort Worth	11	32.77	-97.31
North America	Hartford	12	41.88	-72.39
North America	Houston	13	29.76	-95.37
North America	Indianapolis	14	39.78	-85.75
North America	Jacksonville	15	30.34	-81.67
North America	Jackson	16	37.3	-91.7
North America	Kansas City	17	39.07	-94.59
North America	Louisville	18	38.05	-85.23
North America	Madison	19	43.02	-89.37
North America	Montgomery	20	32.38	-86.2
North America	Montreal	21	45.42	-75.72
North America	Nashville	22	35.82	-86.42
North America	Newark	23	40.71	-74.77
North America	New Orleans	24	29.95	-90.07
North America	New Haven	25	41.33	-72.92
North America	New Mexico	26	33.84	-106.0
North America	New York	27	40.71	-74.48
North America	Oklahoma City	28	35.47	-97.52
North America	Ottawa	29	45.42	-75.72
North America	Pittsburgh	30	40.41	-79.94
North America	Reno	31	39.55	-120.25
North America	Riverside	32	33.94	-117.34
North America	Sacramento	33	38.55	-121.42
North America	Seattle	34	47.61	-122.33
North America	St. Louis	35	38.62	-90.37
North America	St. Paul	36	44.9	-93.2
North America	St. John's	37	47.8	-52.75
North America	Tampa	38	27.85	-82.42
North America	Toronto	39	43.7	-79.38
North America	Utah	40	39.75	-111.95
North America	Vancouver	41	49.28	-123.12
North America	Victoria	42	48.55	-123.38
North America	Winnipeg	43	49.9	-97.12
North America	Yukon	44	60.0	-135.0
Europe	Aberdeen	1	57.2	-2.1
Europe	Adelaide	2	-34.9	138.6
Europe	Auckland	3	-36.8	174.7
Europe	Bangkok	4	13.7	100.5
Europe	Bangalore	5	12.9	77.6
Europe	Bangui	6	4.3	15.1
Europe	Banjul	7	13.5	-16.4
Europe	Batumi	8	41.8	45.4
Europe	Batumi	9	41.8	45.4
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Europe	Batumi	206	41.8	45.4
Europe	Batumi	207	41.8	45.4
Europe	Batumi	208	41.8	45.4
Europe	Batumi	209	41.8	45.4
Europe	Batumi	210	41.8	45.4
Europe</td				

Region	City Name	City ID	City Lat	City Long
North America	Albuquerque	1	35.67	-106.61
North America	Atlanta	2	33.75	-84.39
North America	Baltimore	3	39.0	-76.9
North America	Boise	4	43.65	-116.2
North America	Calgary	5	51.05	-114.15
North America	Chicago	6	41.88	-87.63
North America	Columbus	7	40.41	-83.02
North America	Dallas	8	32.77	-96.8
North America	Denver	9	39.76	-104.99
North America	Edmonton	10	53.54	-113.49
North America	Fort Worth	11	32.77	-97.31
North America	Hartford	12	41.88	-72.39
North America	Houston	13	29.76	-95.37
North America	Indianapolis	14	39.78	-85.75
North America	Jacksonville	15	30.34	-81.67
North America	Kansas City	16	39.07	-94.59
North America	Louisville	17	38.22	-85.22
North America	Long Beach	18	33.84	-117.94
North America	Los Angeles	19	34.05	-118.24
North America	Montgomery	20	32.38	-85.82
North America	Montreal	21	45.42	-75.71
North America	Nashville	22	35.82	-86.42
North America	Newark	23	40.71	-74.4
North America	New Orleans	24	29.92	-90.08
North America	New York	25	40.71	-74.4
North America	Ottawa	26	45.42	-75.71
North America	Pittsburgh	27	40.41	-79.94
North America	Portland	28	45.52	-122.33
North America	Reno	29	39.55	-120.25
North America	Seattle	30	47.61	-122.33
North America	St. Louis	31	38.62	-90.37
North America	Tampa	32	27.85	-82.42
North America	Toronto	33	43.7	-79.38
North America	Victoria	34	48.55	-123.33
North America	Winnipeg	35	49.9	-97.13
North America	Winston-Salem	36	36.05	-79.72
North America	Worcester	37	42.0	-71.7
North America	Yardley	38	40.75	-75.2
Europe	Aberdeen	1	57.1	-2.1
Europe	Adelaide	2	-34.9	138.6
Europe	Aarhus	3	56.1	10.4
Europe	Aalborg	4	57.0	9.9
Europe	Aberystwyth	5	52.3	-4.1
Europe	Aachen	6	50.8	6.3
Europe	Aalborg	7	57.0	9.9
Europe	Aarhus	8	56.1	10.4
Europe	Aberystwyth	9	52.3	-4.1
Europe	Aachen	10	50.8	6.3
Europe	Amsterdam	11	52.3	4.9
Europe	Antwerp	12	51.3	3.7
Europe	Barcelona	13	41.3	2.1
Europe	Berlin	14	52.3	13.4
Europe	Bilbao	15	43.0	-2.2
Europe	Bordeaux	16	45.0	0.7
Europe	Bremen	17	53.8	9.5
Europe	Budapest	18	47.5	19.0
Europe	Bucharest	19	44.4	26.1
Europe	Bulgaria	20	42.8	23.3
Europe	Copenhagen	21	55.7	12.5
Europe	Damascus	22	35.0	36.8
Europe	Dresden	23	51.0	13.0
Europe	Dublin	24	53.3	-6.2
Europe	Durham	25	54.9	-1.4
Europe	Eindhoven	26	51.3	5.2
Europe	Edinburgh	27	55.9	-3.2
Europe	Edinburgh	28	55.9	-3.2
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Europe	Edinburgh	220	55.9	-3.2
Europe	Edinburgh	221	55.9	-3.2
Europe	Edinburgh	2		

Region	City Name	City ID	Country
North America	Austin, Texas	1	US
North America	Baltimore, Maryland	2	US
North America	Boston, Massachusetts	3	US
North America	Chicago, Illinois	4	US
North America	Dallas, Texas	5	US
North America	Denver, Colorado	6	US
North America	Florida	7	US
North America	Houston, Texas	8	US
North America	Indianapolis, Indiana	9	US
North America	Int'l. City	10	US
North America	Jacksonville, Florida	11	US
North America	Kansas City, Missouri	12	US
North America	Louisville, Kentucky	13	US
North America	Los Angeles, California	14	US
North America	Memphis, Tennessee	15	US
North America	Miami, Florida	16	US
North America	Minneapolis, Minnesota	17	US
North America	Montgomery, Alabama	18	US
North America	Nashville, Tennessee	19	US
North America	Newark, New Jersey	20	US
North America	New Orleans, Louisiana	21	US
North America	New York, New York	22	US
North America	Philadelphia, Pennsylvania	23	US
North America	Pittsburgh, Pennsylvania	24	US
North America	Portland, Oregon	25	US
North America	Raleigh, North Carolina	26	US
North America	San Antonio, Texas	27	US
North America	San Diego, California	28	US
North America	San Francisco, California	29	US
North America	Seattle, Washington	30	US
North America	St. Louis, Missouri	31	US
North America	St. Paul, Minnesota	32	US
North America	Tampa, Florida	33	US
North America	Toronto, Ontario	34	CA
North America	Washington, D.C.	35	US
North America	Wichita, Kansas	36	US
Europe	Amsterdam, Netherlands	37	NL
Europe	Barcelona, Spain	38	ES
Europe	Berlin, Germany	39	DE
Europe	Brussels, Belgium	40	BE
Europe	Copenhagen, Denmark	41	DK
Europe	Dublin, Ireland	42	IE
Europe	Glasgow, Scotland	43	GB
Europe	London, England	44	GB
Europe	Lyon, France	45	FR
Europe	Madrid, Spain	46	ES
Europe	Milan, Italy	47	IT
Europe	Paris, France	48	FR
Europe	Rome, Italy	49	IT
Europe	Stockholm, Sweden	50	SE
Europe	Turin, Italy	51	IT
Europe	Vienna, Austria	52	AT
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Europe	Vienna, Austria	333	AT
Europe			

Region	City Name	City ID	Country ID
North America	Albuquerque	2	2
North America	Atlanta	3	2
North America	Baltimore	4	2
North America	Boston	5	2
North America	Chicago	6	2
North America	Dallas	7	2
North America	Detroit	8	2
North America	Hartford	9	2
North America	Houston	10	2
North America	Indianapolis	11	2
North America	Jacksonville	12	2
North America	Kansas City	13	2
North America	Louisville	14	2
North America	Long Beach	15	2
North America	Los Angeles	16	2
North America	Memphis	17	2
North America	Miami	18	2
North America	Minneapolis	19	2
North America	Nashville	20	2
North America	Newark	21	2
North America	New Orleans	22	2
North America	New York	23	2
North America	Philadelphia	24	2
North America	Pittsburgh	25	2
North America	Portland	26	2
North America	Raleigh	27	2
North America	Seattle	28	2
North America	St. Louis	29	2
North America	Tampa	30	2
North America	Toronto	31	2
North America	Washington	32	2
Europe	Aberdeen	33	3
Europe	Adelaide	34	3
Europe	Auckland	35	3
Europe	Bangkok	36	3
Europe	Brisbane	37	3
Europe	Buenos Aires	38	3
Europe	Cape Town	39	3
Europe	Caracas	40	3
Europe	Chile	41	3
Europe	Colombia	42	3
Europe	Dubai	43	3
Europe	Edmonton	44	3
Europe	El Salvador	45	3
Europe	Guatemala	46	3
Europe	Havana	47	3
Europe	Honduras	48	3
Europe	Managua	49	3
Europe	Mexico City	50	3
Europe	Montevideo	51	3
Europe	Montreal	52	3
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Europe	Montreal	356	

Region	City Name	City ID	Country ID
North America	Austin	1	1
North America	Boston	2	1
North America	Chicago	3	1
North America	Dallas	4	1
North America	Denver	5	1
North America	Houston	6	1
North America	Los Angeles	7	1
North America	Phoenix	8	1
North America	Seattle	9	1
North America	Tampa	10	1
North America	Toronto	11	1
North America	Vancouver	12	1
North America	Washington D.C.	13	1
North America	Winnipeg	14	1
Europe	Amsterdam	15	2
Europe	Barcelona	16	2
Europe	Berlin	17	2
Europe	Brussels	18	2
Europe	Copenhagen	19	2
Europe	Dublin	20	2
Europe	Glasgow	21	2
Europe	London	22	2
Europe	Lisbon	23	2
Europe	Madrid	24	2
Europe	Milan	25	2
Europe	Naples	26	2
Europe	Paris	27	2
Europe	Rome	28	2
Europe	Saint Petersburg	29	2
Europe	Stockholm	30	2
Europe	Turin	31	2
Europe	Vienna	32	2
Europe	Vienna	33	2
Europe	Zagreb	34	2
Asia	Beijing	35	3
Asia	Chengdu	36	3
Asia	Guangzhou	37	3
Asia	Hong Kong	38	3
Asia	Kuala Lumpur	39	3
Asia	Macau	40	3
Asia	Shanghai	41	3
Asia	Singapore	42	3
Asia	Taipei	43	3
Asia	Taipei	44	3
Asia	Tokyo	45	3
Oceania	Auckland	46	4
Oceania	Canberra	47	4
Oceania	Darwin	48	4
Oceania	Hobart	49	4
Oceania	Melbourne	50	4
Oceania	Sydney	51	4
Oceania	Wellington	52	4
Africa	Johannesburg	53	5
Africa	Kenya	54	5
Africa	Luanda	55	5
Africa	Maputo	56	5
Africa	Mombasa	57	5
Africa	Nairobi	58	5
Africa	Port Louis	59	5
Africa	Windhoek	60	5
Middle East	Abu Dhabi	61	6
Middle East	Bahrain	62	6
Middle East	Beirut	63	6
Middle East	Jerusalem	64	6
Middle East	Kuwait	65	6
Middle East	Lebanon	66	6
Middle East	Makkah	67	6
Middle East	Muslim	68	6
Middle East	Qatar	69	6
Middle East	Riyadh	70	6
Middle East	Saudi Arabia	71	6
Middle East	Tehran	72	6
Middle East	Tunisia	73	6
Middle East	Yemen	74	6
South America	Buenos Aires	75	7
South America	Caracas	76	7
South America	Curitiba	77	7
South America	Montevideo	78	7
South America	Porto Alegre	79	7
South America	Rio de Janeiro	80	7
South America	Santiago	81	7
South America	Sao Paulo	82	7
South America	Uruguay	83	7
South America	Venezuela	84	7
Central America	Costa Rica	85	8
Central America	Honduras	86	8
Central America	Managua	87	8
Central America	Nicaragua	88	8
Central America	Panama	89	8
Central America	Santo Domingo	90	8
Central America	San Salvador	91	8
Central America	Tegucigalpa	92	8
Central America	Veracruz	93	8
Central America	Yucatan	94	8
Central America	Zapata	95	8
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Central America	Zapata	345	8
Central America			

Region	City Name	City Location	Region ID
North America	Austin	Texas	NA001
North America	Boston	Massachusetts	NA002
North America	Chicago	Illinois	NA003
North America	Dallas	Texas	NA004
North America	Denver	Colorado	NA005
North America	Houston	Texas	NA006
North America	Los Angeles	California	NA007
North America	Phoenix	Arizona	NA008
North America	Seattle	Washington	NA009
North America	St. Louis	Missouri	NA010
North America	Tampa	Florida	NA011
North America	Toronto	Ontario	NA012
North America	Vancouver	British Columbia	NA013
North America	Victoria	British Columbia	NA014
North America	Winnipeg	Manitoba	NA015
North America	Montreal	Quebec	NA016
North America	Calgary	Alberta	NA017
North America	Edmonton	Alberta	NA018
North America	Gatineau	Quebec	NA019
North America	Kamloops	British Columbia	NA020
North America	Lethbridge	Alberta	NA021
North America	Markham	Ontario	NA022
North America	Nanaimo	British Columbia	NA023
North America	Ottawa	Ontario	NA024
North America	Penticton	British Columbia	NA025
North America	Regina	Saskatchewan	NA026
North America	Rexdale	Ontario	NA027
North America	Sault Ste. Marie	Ontario	NA028
North America	Sherbrooke	Quebec	NA029
North America	Surrey	British Columbia	NA030
North America	Victoria	British Columbia	NA031
North America	Whistler	British Columbia	NA032
North America	Winnipeg	Manitoba	NA033
North America	Calgary	Alberta	NA034
North America	Edmonton	Alberta	NA035
North America	Gatineau	Quebec	NA036
North America	Kamloops	British Columbia	NA037
North America	Lethbridge	Alberta	NA038
North America	Markham	Ontario	NA039
North America	Nanaimo	British Columbia	NA040
North America	Ottawa	Ontario	NA041
North America	Penticton	British Columbia	NA042
North America	Regina	Saskatchewan	NA043
North America	Rexdale	Ontario	NA044
North America	Sault Ste. Marie	Ontario	NA045
North America	Sherbrooke	Quebec	NA046
North America	Surrey	British Columbia	NA047
North America	Victoria	British Columbia	NA048
North America	Whistler	British Columbia	NA049
North America	Winnipeg	Manitoba	NA050
Europe	London	England	EU001
Europe	Paris	France	EU002
Europe	Rome	Italy	EU003
Europe	Madrid	Spain	EU004
Europe	Berlin	Germany	EU005
Europe	Vienna	Austria	EU006
Europe	Stockholm	Sweden	EU007
Europe	Oslo	Norway	EU008
Europe	Paris	France	EU009
Europe	London	England	EU010
Europe	Paris	France	EU011
Europe	London	England	EU012
Europe	Paris	France	EU013
Europe	London	England	EU014
Europe	Paris	France	EU015
Europe	London	England	EU016
Europe	Paris	France	EU017
Europe	London	England	EU018
Europe	Paris	France	EU019
Europe	London	England	EU020
Europe	Paris	France	EU021
Europe	London	England	EU022
Europe	Paris	France	EU023
Europe	London	England	EU024
Europe	Paris	France	EU025
Europe	London	England	EU026
Europe	Paris	France	EU027
Europe	London	England	EU028
Europe	Paris	France	EU029
Europe	London	England	EU030
Europe	Paris	France	EU031
Europe	London	England	EU032
Europe	Paris	France	EU033
Europe	London	England	EU034
Europe	Paris	France	EU035
Europe	London	England	EU036
Europe	Paris	France	EU037
Europe	London	England	EU038
Europe	Paris	France	EU039
Europe	London	England	EU040
Europe	Paris	France	EU041
Europe	London	England	EU042
Europe	Paris	France	EU043
Europe	London	England	EU044
Europe	Paris	France	EU045
Europe	London	England	EU046
Europe	Paris	France	EU047
Europe	London	England	EU048
Europe	Paris	France	EU049
Europe	London	England	EU050
Asia	Tokyo	Japan	AS001
Asia	Beijing	China	AS002
Asia	Seoul	South Korea	AS003
Asia	Delhi	India	AS004
Asia	Islamabad	Pakistan	AS005
Asia	Karachi	Pakistan	AS006
Asia	Chennai	India	AS007
Asia	Mumbai	India	AS008
Asia	Calcutta	India	AS009
Asia	Colombo	Sri Lanka	AS010
Asia	Phnom Penh	Cambodia	AS011
Asia	Yangon	Myanmar	AS012
Asia	Manila	Philippines	AS013
Asia	Brunei	Brunei Darussalam	AS014
Asia	Singapore	Singapore	AS015
Asia	Malaysia	Malaysia	AS016
Asia	Thailand	Thailand	AS017
Asia	Vietnam	Vietnam	AS018
Asia	Indonesia	Indonesia	AS019
Asia	Maldives	Maldives	AS020
Asia	Sri Lanka	Sri Lanka	AS021
Asia	Lebanon	Lebanon	AS022
Asia	Yerevan	Armenia	AS023
Asia	Tashkent	Uzbekistan	AS024
Asia	Samarkand	Uzbekistan	AS025
Asia	Bukhara	Uzbekistan	AS026
Asia	Khiva	Uzbekistan	AS027
Asia	Samarkand	Uzbekistan	AS028
Asia	Bukhara	Uzbekistan	AS029
Asia	Khiva	Uzbekistan	AS030
Asia	Samarkand	Uzbekistan	AS031
Asia	Bukhara	Uzbekistan	AS032
Asia	Khiva	Uzbekistan	AS033
Asia	Samarkand	Uzbekistan	AS034
Asia	Bukhara	Uzbekistan	AS035
Asia	Khiva	Uzbekistan	AS036
Asia	Samarkand	Uzbekistan	AS037
Asia	Bukhara	Uzbekistan	AS038
Asia	Khiva	Uzbekistan	AS039
Asia	Samarkand	Uzbekistan	AS040
Asia	Bukhara	Uzbekistan	AS041
Asia	Khiva	Uzbekistan	AS042
Asia	Samarkand	Uzbekistan	AS043
Asia	Bukhara	Uzbekistan	AS044
Asia	Khiva	Uzbekistan	AS045
Asia	Samarkand	Uzbekistan	AS046
Asia	Bukhara	Uzbekistan	AS047
Asia	Khiva	Uzbekistan	AS048
Asia	Samarkand	Uzbekistan	AS049
Asia	Bukhara	Uzbekistan	AS050
Africa	Johannesburg	South Africa	AF001
Africa	Abuja	Nigeria	AF002
Africa	Harare	Zimbabwe	AF003
Africa	Windhoek	Namibia	AF004
Africa	Port Louis	Mauritius	AF005
Africa	Abidjan	Ivory Coast	AF006
Africa	Accra	Ghana	AF007
Africa	Abidjan	Ivory Coast	AF008
Africa	Accra	Ghana	AF009
Africa	Abidjan	Ivory Coast	AF010
Africa	Accra	Ghana	AF011
Africa	Abidjan	Ivory Coast	AF012
Africa	Accra	Ghana	AF013
Africa	Abidjan	Ivory Coast	AF014
Africa	Accra	Ghana	AF015
Africa	Abidjan	Ivory Coast	AF016
Africa	Accra	Ghana	AF017
Africa	Abidjan	Ivory Coast	AF018
Africa	Accra	Ghana	AF019
Africa	Abidjan	Ivory Coast	AF020
Africa	Accra	Ghana	AF021
Africa	Abidjan	Ivory Coast	AF022
Africa	Accra	Ghana	AF023
Africa	Abidjan	Ivory Coast	AF024
Africa	Accra	Ghana	AF025
Africa	Abidjan	Ivory Coast	AF026
Africa	Accra	Ghana	AF027
Africa	Abidjan	Ivory Coast	AF028
Africa	Accra	Ghana	AF029
Africa	Abidjan	Ivory Coast	AF030
Africa	Accra	Ghana	AF031
Africa	Abidjan	Ivory Coast	AF032
Africa	Accra	Ghana	AF033
Africa	Abidjan	Ivory Coast	AF034
Africa	Accra	Ghana	AF035
Africa	Abidjan	Ivory Coast	AF036
Africa	Accra	Ghana	AF037
Africa	Abidjan	Ivory Coast	AF038
Africa	Accra	Ghana	AF039
Africa	Abidjan	Ivory Coast	AF040
Africa	Accra	Ghana	AF041
Africa	Abidjan	Ivory Coast	AF042
Africa	Accra	Ghana	AF043
Africa	Abidjan	Ivory Coast	AF044
Africa	Accra	Ghana	AF045
Africa	Abidjan	Ivory Coast	AF046
Africa	Accra	Ghana	AF047
Africa	Abidjan	Ivory Coast	AF048
Africa	Accra	Ghana	AF049
Africa	Abidjan	Ivory Coast	AF050
Oceania	Sydney	Australia	OZ001
Oceania	Auckland	New Zealand	OZ002
Oceania	Wellington	New Zealand	OZ003
Oceania	Canberra	Australia	OZ004
Oceania	Singapore	Singapore	OZ005
Oceania	Perth	Australia	OZ006
Oceania	Adelaide	Australia	OZ007
Oceania	Brisbane	Australia	OZ008
Oceania	Darwin	Australia	OZ009
Oceania	Port Moresby	Papua New Guinea	OZ010
Oceania	Apia	Samoa	OZ011
Oceania	Nuku'alofa	Tonga	OZ012
Oceania	Suva	Fiji	OZ013
Oceania	Apia	Samoa	OZ014
Oceania	Nuku'alofa	Tonga	OZ015
Oceania	Suva	Fiji	OZ016
Oceania	Apia	Samoa	OZ017
Oceania	Nuku'alofa	Tonga	OZ018
Oceania	Suva	Fiji	OZ019
Oceania	Apia	Samoa	OZ020
Oceania	Nuku'alofa	Tonga	OZ021
Oceania	Suva	Fiji	OZ022
Oceania	Apia	Samoa	OZ023
Oceania	Nuku'alofa	Tonga	OZ024
Oceania	Suva	Fiji	OZ025
Oceania	Apia	Samoa	OZ026
Oceania	Nuku'alofa	Tonga	OZ027
Oceania	Suva	Fiji	OZ028
Oceania	Apia	Samoa	OZ029
Oceania	Nuku'alofa	Tonga	OZ030
Oceania	Suva	Fiji	OZ031
Oceania	Apia	Samoa	OZ032
Oceania	Nuku'alofa	Tonga	OZ033
Oceania	Suva	Fiji	OZ034
Oceania	Apia	Samoa	OZ035
Oceania	Nuku'alofa	Tonga	OZ036
Oceania	Suva	Fiji	OZ037
Oceania	Apia	Samoa	OZ038
Oceania	Nuku'alofa	Tonga	OZ039
Oceania	Suva	Fiji	OZ040
Oceania	Apia	Samoa	OZ041
Oceania	Nuku'alofa	Tonga	OZ042
Oceania	Suva	Fiji	OZ043
Oceania	Apia	Samoa	OZ044
Oceania	Nuku'alofa	Tonga	OZ045
Oceania	Suva	Fiji	OZ046
Oceania	Apia	Samoa	OZ047
Oceania	Nuku'alofa	Tonga	OZ048
Oceania	Suva	Fiji	OZ049
Oceania	Apia	Samoa	OZ050
Oceania	Nuku'alofa	Tonga	OZ051
Oceania	Suva	Fiji	OZ052
Oceania	Apia	Samoa	OZ053
Oceania	Nuku'alofa	Tonga	OZ054
Oceania	Suva	Fiji	OZ055
Oceania	Apia	Samoa	OZ056
Oceania	Nuku'alofa	Tonga	OZ057
Oceania	Suva	Fiji	OZ058
Oceania	Apia	Samoa	OZ059
Oceania	Nuku'alofa	Tonga	OZ060
Oceania	Suva	Fiji	OZ061
Oceania	Apia	Samoa	OZ062
Oceania	Nuku'alofa	Tonga	OZ063
Oceania	Suva	Fiji	OZ064
Oceania	Apia	Samoa	OZ065
Oceania	Nuku'alofa	Tonga	OZ066
Oceania	Suva	Fiji	OZ067
Oceania	Apia	Samoa	OZ068
Oceania	Nuku'alofa	Tonga	OZ069
Oceania	Suva	Fiji	OZ070
Oceania	Apia	Samoa	OZ071
Oceania	Nuku'alofa	Tonga	OZ072
Oceania	Suva	Fiji	OZ073
Oceania	Apia	Samoa	OZ074
Oceania	Nuku'alofa	Tonga	OZ075
Oceania	Suva	Fiji	OZ076
Oceania	Apia	Samoa	OZ077
Oceania	Nuku'alofa	Tonga	OZ078
Oceania	Suva	Fiji	OZ079
Oceania	Apia	Samoa	OZ080
Oceania	Nuku'alofa	Tonga	OZ081
Oceania	Suva	Fiji	OZ082
Oceania	Apia	Samoa	OZ083
Oceania	Nuku'alofa	Tonga	OZ084
Oceania	Suva	Fiji	OZ085
Oceania	Apia	Samoa	OZ086
Oceania	Nuku'alofa	Tonga	OZ087
Oceania	Suva	Fiji	OZ088
Oceania	Apia	Samoa	OZ089
Oceania	Nuku'alofa	Tonga	OZ090
Oceania	Suva	Fiji	OZ091
Oceania	Apia	Samoa	OZ092
Oceania	Nuku'alofa	Tonga	OZ093
Oceania	Suva	Fiji	OZ094
Oceania	Apia	Samoa	OZ095
Oceania	Nuku'alofa	Tonga	OZ096
Oceania	Suva	Fiji	OZ097
Oceania	Apia	Samoa	OZ098
Oceania	Nuku'alofa	Tonga	OZ099
Oceania	Suva	Fiji	OZ100
Oceania	Apia	Samoa	OZ101
Oceania	Nuku'alofa	Tonga	OZ102
Oceania	Suva	Fiji	OZ103
Oceania	Apia	Samoa	OZ104
Oceania	Nuku'alofa	Tonga	OZ105
Oceania	Suva	Fiji	OZ106
Oceania	Apia	Samoa	OZ107
Oceania	Nuku'alofa	Tonga	OZ108
Oceania	Suva	Fiji	OZ109
Oceania	Apia	Samoa	OZ110
Oceania	Nuku'alofa	Tonga	OZ111
Oceania	Suva	Fiji	OZ112
Oceania	Apia	Samoa	OZ113
Oceania	Nuku'alofa	Tonga	OZ114
Oceania	Suva	Fiji	OZ115
Oceania	Apia	Samoa	OZ116
Oceania	Nuku'alofa	Tonga	OZ117
Oceania	Suva	Fiji	OZ118
Oceania	Apia	Samoa	OZ119
Oceania	Nuku'alofa	Tonga	OZ120
Oceania	Suva	Fiji	OZ121
Oceania	Apia	Samoa	OZ122
Oceania	Nuku'alofa	Tonga	OZ123
Oceania	Suva	Fiji	OZ124
Oceania	Apia	Samoa	OZ125
Oceania	Nuku'alofa	Tonga	OZ126

Postal Codes v1.1

country_code	regex
AD	^(AD\d{3})\$
AF	^\d{4}\$
AI	^AI-2640\$
AL	^\d{4}\$
AM	(\d{4}) (\d{6})
AR	^(([A-Z]\d{4}[A-Z]{3}) ([A-Z]\d{4}))\$
AS	^(96799(-\d{4})?)\$
AT	^\d{4}\$
AU	^\d{4}\$
AZ	^((AZ)(\d{4}) (AZ)(\d{4})))\$
BA	^\d{5}\$
BB	^BB\d{5}\$
BD	^\d{4}\$
BE	^\d{4}\$
BG	^\d{4}\$
BH	^(\d{3,4})\$
BM	^([A-Z]{2} [A-Z0-9]{2})\$
BN	^[A-Z]{2}\d{4}\$
BR	^\d{5}-\d{3}\$
BT	^\d{5}\$
BY	^\d{6}\$
CA	^((?=[^DdFfIiOoQqUu\d\s])[A-Z]\d(?=[^DdFfIiOoQqUu\d\s])[A-Z]\s{1}\d(?=[^DdFfIiOoQqUu\d\s])[A-Z]\d)\$
CC	^6799\$

country_code	regex
CH	^(1-9)\d{3}\$
CL	^\d{7}\$
CN	^\d{6}\$
CO	^\d{6}\$
CR	^\d{5}\$
CU	^((CP)?\d{5}) ((CP)?\d{5}))\$
CV	^\d{4}\$
CX	^6798\$
CY	^(([1-9]\d{3}) (99\d{3}))\$
CZ	^([1-7][0-9]{2} [0-9]{2} [1-7][0-9]{4}))\$
DE	^\d{5}\$
DK	^(DK-)?\d{4}\$
DO	^\d{5}\$
DZ	^\d{5}\$
EC	^\d{6}\$
EE	^\d{5}\$
EG	^\d{5}\$
ES	^\d{5}\$
ET	^\d{4}\$
FI	^(FI-)?\d{5}\$
FK	^FIQQ 1ZZ\$
FM	^((FM)?9694[1-4]{1}(-\d{4})?)\$
FO	^\d{3}\$
FR	^\d{3}[]?\d{2}\$

country_code	regex
GB	^(GIR[]?0AA ((AB AL B BA BB BD BH BL BN BR BS BT CA CB CF CH CM CO CR CT CV CW DA DD DE DG DH DL DN DT DY E EC EH EN EX FK FY G GL GY GU HA HD HG HP HR HS HU HX IG IM IP IV JE KA KT KW KY L LA LD LE LL LN LS LU M ME MK ML N NE NG NN NP NR NW OL OX PA PE PH PL PO PR R RG RH RM S SA SE SG SK SL SM SN SO SP SR SS ST SW SY TA TD TF TN TQ TR TS TW UB W WA WC WD WF WN WR WS WV YO ZE)(\d[\da-zA-Z]?[]?)?\d[ABD-HJLN-UW-Z]{2})) BFPO[]?)?\d{1,4})\$
GE	^\d{4}\$
GG	^GY\d[\da-zA-Z]?[]?)?\d[ABD-HJLN-UW-Z]{2}\$
GI	^GX11 1AA\$
GL	^39\d{2}\$
GN	^\d{3}\$
GR	^\d{3}\s{0,1}\d{2}\$
GS	^SIQQ 1ZZ\$
GT	^\d{5}\$
GU	^((969)[1-3][0-2])(-\d{4}))?)\$
GW	^\d{4}\$
HK	^(999077)?\$
HM	^7151\$
HN	^\d{5}\$
HR	^([1-5]\d{4})\$
HT	^((HT)(\d{4}) (HT) (\d{4})))\$
HU	^([1-9]\d{3})\$
ID	^([1-9]\d{4})\$
IL	^\d{7}\$
IM	^((IM)([0-9][0-9A-HJKPS-UW]? [A-HK-Y][0-9][0-9ABEHMNPRV-Y]?)[0-9][ABD-HJLN-P-UW-Z]{2}))\$
IN	^([1-9]\d{5})\$
IQ	^\d{5}\$

country_code	regex
IR	^\d{5}-?\d{5}\$
IS	^([1-9]\d{2})\$
IT	^\d{5}\$
JE	^(JE[0-9]{1}[\s](\d[A-Z]{2}))\$
JM	^(((JM)[A-Z]{3})?\d{1,2}))?\$
JO	^\d{5}\$
JP	^\d{3}-\d{4}\$
KE	^\d{5}\$
KG	^\d{6}\$
KH	^\d{5,6}\$
KR	^\d{5}\$
KW	^\d{5}\$
KY	^KY[123]-\d{4}\$
KZ	^(([A-Z]\d{2}[A-Z]\d[A-Z]\d) (\d{6}))\$
LA	^\d{5}\$
LB	^(\d{4}(\d{4})?)\$
LI	^\d{4}\$
LK	^\d{5}\$
LR	^\d{4}\$
LS	^\d{3}\$
LT	^(((LT)[-])?(\d{5}))\$
LU	^(((L)[-])?(\d{4}))\$
LV	^(((LV)[-])?(\d{4}))\$
MA	[1-9]\d{4}
MD	^((MD[-]?)?(\d{4}))\$
ME	^\d{5}\$
MG	^\d{3}\$
MH	^((MH)?((969)[6-7][0-9])(-\d{4})?)\$

country_code	regex
MK	^\d{4}\$
MM	^\d{5}\$
MN	^\d{5}\$
MP	^(9695[0-2]{1}(-\d{4})?)\$
MS	^MSR\d{4}\$
MT	^([A-Z]{3} [0-9]{4} [A-Z]{2}[0-9]{2} [A-Z]{2} [0-9]{2} [A-Z]{3}[0-9]{4} [A-Z]{3}[0-9]{2} [A-Z]{3} [0-9]{2})\$
MU	^(([0-9A-R]\d{4}))\$
MV	^\d{5}\$
MX	^\d{5}\$
MY	^\d{5}\$
MZ	^\d{4}\$
NC	^988\d{2}\$
NE	^\d{4}\$
NF	^2899\$
NG	^[1-9]\d{5}\$
NI	^\d{5}\$
NL	^(([1-9]\d{3} [A-Z]{2}) ([1-9]\d{3}[A-Z]{2}))\$
NO	^\d{4}\$
NP	^\d{5}\$
NZ	^\d{4}\$
OM	^\d{3}\$
PA	^(\d{4}(-\d{4})?)\$
PE	^\d{5}\$
PF	^987\d{2}\$
PG	^\d{3}\$
PH	^\d{4}\$
PK	^[1-9]\d{4}\$
PL	^\d{2}-\d{3}\$

country_code	regex
PN	^(PCR9 1ZZ)\$
PT	^([1-9]\d{3}(-)\d{3})\$
PW	^(96939 96940)\$
PY	^\d{6}\$
RO	^\d{6}\$
RS	^\d{5,6}\$
RU	^\d{6}\$
SA	^([1-8]\d{4}([\-\-]\d{4})?)\$
SD	^\d{5}\$
SE	^([1-9]\d{2} \d{2})\$
SG	^\d{6}\$
SH	^((ASCN 1ZZ TDCU 1ZZ STHL 1ZZ))\$
SI	^([1-9]\d{3})\$
SK	^(\d{3} \d{2}) \d{5})\$
SM	^4789\d\$
SN	^([1-8]\d{4})\$
SV	^\d{4}\$
SZ	^HLMS\d{3}\$
TC	^TKCA 1ZZ\$
TH	^\d{5}\$
TJ	^7\d{5}\$
TM	^7\d{5}\$
TN	^\d{4}\$
TR	^\d{5}\$
TT	^\d{6}\$
TW	(\d{3}-\d{3}) (\d{3}[-]\d{2}) (\d{6}) (\d{3})
UA	^\d{5}\$
US	^\d{5}(-\d{4})?\$\$

country_code	regex
UY	^(1-9]\d{4})\$
UZ	^\d{6}\$
VA	^(00120)\$
VC	^VC\d{4}\$
VE	^(1-8]\d{3})\$
VG	^(VG11)[1-6][0])\$
VI	^(008\d{2}(-\d{4})?)\$
VN	^\d{5,6}\$
WF	^986\d{2}\$
WS	^(WS[1-2]\d{3})\$
ZA	^\d{4}\$
ZM	^\d{5}\$

Glossary

Term	Description
ALPHABETICAL	Describes a string that is non-numeric.
CASE_INSENSITIVE	<p>This function takes an input string and outputs a string value with</p> <ul style="list-style-type: none"> - all letters made upper-case. <p>Example:</p> <pre> Input String CASE_INSENSITIVE Output :---: :---: 'This is... a test!' 'THIS IS... A TEST' </pre>
CITY_NAMES_LIST	List of city names that are expected for a given country, postal code and language.
COUNT	<p>This function takes an input of one or multiple items and outputs the number of occurrences</p> <p>Example:</p> <pre>\$items = ['A','a','B','C'] \$COUNT(\$items) = 4</pre>
COUNTRY_LANGUAGE_LIST	Indicates the expected language that should be used for a given jurisdiction.
DATETIME	<p>Describes a fixed timestamp. Format: 'YYYY-MM-DDThh:mm:ss+hh:mm'</p> <p>Example: \$DATETIME('2023-06-01T00:00:00+00:00') describes 1 June 2023 at midnight, UTC time.</p>
ELF_CODE_LIST	<p>List of official ISO 20275 Entity Legal Form Codes.</p> <p>The Entity Legal Form Code List is maintained by GLEIF and can be found at: https://www.gleif.org/en/about-lei/code-lists/iso-20275-entity-legal-forms-code-list</p>
ELF_CORROBORATION_LIST	Enables mapping between ELF codes and expected corroboration level.
ELF_FUND_LIST	Collection of entity legal form codes per legal jurisdiction that have to be associated with FUND entity category.
ELF_STATUS	<p>Describes the status of an ELF code from the ELF_CODE_LIST.</p> <p>Values:</p> <ul style="list-style-type: none"> - "ACTV" for active ELF codes - "INAC" for inactive ELF codes

Term	Description
END_NODE_RECORD	<p>Defines the level 1 record for which the lei:LEI is used as rr:EndNode/rr:NodeID in a relationship record that uses the Record Under Test (RUT) as rr:StartNode/rr:NodeID.</p> <p>Example:</p> <ul style="list-style-type: none"> - RUT has a direct parent relationship - The end node of this relationship indicates the END_NODE_RECORD as rr:EndNode/rr:NodeID
EQUALS	<p>Checks whether two string values are literally the same.</p> <p>Example:</p> <pre> Test Values \$EQUALS Value :---: :---: 'This is... a test!' together with 'THIS is A test' False 'This is... a test!' together with 'This is... a test!' True </pre>
EQUALS_NORMALIZED	<p>Checks whether two values are the same when '\$NORMALIZED'.</p> <p>Example:</p> <pre> Test Values \$EQUALS_NORMALIZED Value :---: :---: 'This is... a test!' together with 'THIS is A test' True </pre>
EXISTING_RELATIONSHIPS	<p>Defines set of relationship records, which are present in the Global LEI repository and where rr:StartNode/rr:NodeID matches the RUT's lei:LEI code.</p>
GLEIF_ACCEPTED_LEGAL_JURISDICTIONS	<p>The GLEIF list of Accepted Legal Jurisdictions. The code list is maintained at: https://www.gleif.org/en/about-lei/code-lists/gleif-accepted-legal-jurisdictions-code-list</p>
IMMUTABLE	<p>End (terminal) states of the LEI registration.</p> <p>A record is considered \$IMMUTABLE if its lei:RegistrationStatus or rr:RegistrationStatus matches one of</p> <ul style="list-style-type: none"> - ANNULLED - DUPLICATE - RETIRED <p>The internal states CANCELLED, TRANSFERRED, and PENDING_VALIDATION are not included for LEI or RR. The formerly immutable lei:RegistrationStatus MERGED was deprecated on 1 April 2022.</p>

Term	Description
ISO_17442_COMPLIANT	<p>For the management of the identifiers a structured numbering system is used. Based on the ISO 17442 requirements, it has been further developed by the Regulatory Oversight Committee (ROC), implementing the recommendations of the Financial Stability Board, as follows:</p> <ul style="list-style-type: none"> - Characters 1-4: Prefix used to ensure the uniqueness among codes from LEI issuers (Local Operating Units or LOUs). - Characters 5-18: Entity-specific part of the code generated and assigned by LOUs according to transparent, sound and robust allocation policies. As required by ISO 17442, it contains no embedded intelligence. - Characters 19-20: Two check digits as described in the ISO 17442 standard.
ISO_3166_1_ALPHA_2	<p>List of officially-assigned ISO 3166-1 alpha-2 country codes.</p> <p>Example:</p> <pre> AF Afghanistan --- --- </pre>
ISO_3166_2	<p>List of officially-assigned ISO 3166-2 subdivision codes.</p> <p>Example:</p> <pre> DE-HE Hessen --- --- </pre>
ITEM_PART	<p>Where {ITEM} is either DATE or COUNTRY:</p> <ul style="list-style-type: none"> - \$DATE_PART - \$COUNTRY_PART <p>Describes that only the specific item of the aforementioned element is in scope.</p>

Term	Description																																														
LANGUAGE_CHARACTERS_LIST	<p>Collection of expected characters in form of unicode characted ranges for specific languages.</p> <p>The term "LANGUAGE_CHARACTERS_LIST/language" refers to a specific language associated with the respective Unicode range.</p> <p>Below is a list of all the Unicode ranges for the languages currently checked.</p> <table border="1" data-bbox="698 409 1740 991"> <thead> <tr> <th data-bbox="698 409 804 433">Language</th><th data-bbox="804 409 1035 433">Unicode Range</th></tr> </thead> <tbody> <tr> <td data-bbox="698 457 804 480">ab</td><td data-bbox="804 457 1740 480">0400-04FF, 0500-052F, 2DE0-2DFF, A640-A69F, 1C80-1C8F, 1D2B, 1D78, FE2E-FE2F</td></tr> <tr> <td data-bbox="698 488 804 512">ar</td><td data-bbox="804 488 1740 512">0600-06FF</td></tr> <tr> <td data-bbox="698 520 804 544">be</td><td data-bbox="804 520 1740 544">0400-04FF, 0500-052F, 2DE0-2DFF, A640-A69F, 1C80-1C8F, 1D2B, 1D78, FE2E-FE2F</td></tr> <tr> <td data-bbox="698 552 804 576">bg</td><td data-bbox="804 552 1740 576">0400-04FF, 0500-052F, 2DE0-2DFF, A640-A69F, 1C80-1C8F, 1D2B, 1D78, FE2E-FE2F</td></tr> <tr> <td data-bbox="698 584 804 607">cs</td><td data-bbox="804 584 1740 695">0000-007F, 00A0, 00A7, 00A9, 00C1, 00C9, 00CD, 00D3, 00DA, 00DD, 00E1, 00E9, 00ED, 00F3, 00FA, 00FD, 010C-010F, 011A-011B-0147-0148, 0158-0159, 0160-0161, 0164-0165, 016E-016F, 017D-017E, 2010-2011, 2013, 2018, 201A, 201C, 201E, 2026, 2030, 20AC</td></tr> <tr> <td data-bbox="698 703 804 726">da</td><td data-bbox="804 703 1740 750">0000-007F, 00A0, 00A7, 00A9, 00C5-00C6, 00D8, 00E5-00E6, 00F8, 2010-2011, 2013,</td></tr> <tr> <td data-bbox="698 758 804 782">de</td><td data-bbox="804 758 1740 806">2018-2019, 201C-201D, 2020, 2026, 2030, 2032-2033, 20AC</td></tr> <tr> <td data-bbox="698 814 804 837">el</td><td data-bbox="804 814 1740 837">0370-03FF, 1F00-1FFF</td></tr> <tr> <td data-bbox="698 845 804 869">en</td><td data-bbox="804 845 1740 893">0000-007F, 00A0, 00A7, 00A9, 2010-2011, 2013-2014, 2018-2019, 201C-201D, 2020-2021,</td></tr> <tr> <td data-bbox="698 901 804 925">es</td><td data-bbox="804 901 1740 980">2026, 2030, 2032-2033, 20AC</td></tr> <tr> <td data-bbox="698 988 804 1012">et</td><td data-bbox="804 988 1740 1012">0000-007F, 00A0-00A1, 00A7, 00A9, 00AB, 00BB, 00BF, 00C1, 00C9, 00CD, 00D1, 00D3, 00DA,</td></tr> <tr> <td data-bbox="698 1020 804 1044">fi</td><td data-bbox="804 1020 1740 1044">00DC, 00E1, 00E9, 00ED, 00F1, 00F3, 00FA, 00FC, 2010-2011, 2013-2014, 2018-2019,</td></tr> <tr> <td data-bbox="698 1052 804 1075">fr</td><td data-bbox="804 1052 1740 1075">201C-201D, 2020-2021, 2026, 2030, 2032-2033, 20AC</td></tr> <tr> <td data-bbox="698 1083 804 1107">he</td><td data-bbox="804 1083 1740 1107">0000-007F, 00A0, 00A7, 00A9, 00C1, 00C9, 00CD, 00D1, 00D3, 00DA, 00DC, 00E1, 00E9, 00ED, 00F1, 00F3, 00FA, 00FC, 2010-2011, 2013-2014, 2018-2019, 201C-201D, 2020-2021, 2026, 2030, 2032-2033, 20AC</td></tr> <tr> <td data-bbox="698 1115 804 1139">it</td><td data-bbox="804 1115 1740 1139">0000-007F, 00A0, 00A7, 00A9, 00C1, 00C9, 00CD, 00D1, 00D3, 00DA, 00DC, 00E1, 00E9, 00ED, 00F1, 00F3, 00FA, 00FC, 2010-2011, 2013-2014, 2018-2019, 201C-201D, 2020-2021, 2026, 2030, 2032-2033, 20AC</td></tr> <tr> <td data-bbox="698 1147 804 1171">ja</td><td data-bbox="804 1147 1740 1171">0000-007F, 00A0, 00A7, 00A9, 00C1, 00C9, 00CD, 00D1, 00D3, 00DA, 00DC, 00E1, 00E9, 00ED, 00F1, 00F3, 00FA, 00FC, 2010-2011, 2013-2014, 2018-2019, 201C-201D, 2020-2021, 2026, 2030, 2032-2033, 20AC</td></tr> <tr> <td data-bbox="698 1179 804 1202">pl</td><td data-bbox="804 1179 1740 1202">0000-007F, 00A0, 00A7, 00A9, 00C1, 00C9, 00CD, 00D1, 00D3, 00DA, 00DC, 00E1, 00E9, 00ED, 00F1, 00F3, 00FA, 00FC, 2010-2011, 2013-2014, 2018-2019, 201C-201D, 2020-2021, 2026, 2030, 2032-2033, 20AC</td></tr> <tr> <td data-bbox="698 1210 804 1234">pt</td><td data-bbox="804 1210 1740 1234">0000-007F, 00A0, 00A7, 00A9, 00C1, 00C9, 00CD, 00D1, 00D3, 00DA, 00DC, 00E1, 00E9, 00ED, 00F1, 00F3, 00FA, 00FC, 2010-2011, 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LANGUAGE_ISO_3166_1_ALPHA_2	A two letter language code from the ISO 3166 Country Language Codes List.																																														
LANGUAGE_ISO_3166_1_ALPHA_3	A three letter language code from the ISO 3166 Country Language Codes List.																																														
LEGAL_ENTITY_EVENTS	Legal Entity Events are part of an LEI Record's level 1 data and indicate the reason of a change in reference data. A Legal Entity Event may also announce upcoming future changes of reference data.																																														
LEI_ISSUER	List of LEI codes of all currently accredited and operational LEI Issuers (Local Operating Units, or LOUs).																																														
LENGTH	Describes the length of a string.																																														

Term	Description						
MUTABLE	<p>Published and transient states of an LEI registration.</p> <p>An LEI record is considered \$MUTABLE if its lei:RegistrationStatus matches one of</p> <ul style="list-style-type: none"> - ISSUED (LEI only) - PUBLISHED (RR only) - LAPSED - PENDING_TRANSFER - PENDING_ARCHIVAL <p>This corresponds to the complement of \$IMMUTABLE.</p> <p>The internal states CANCELLED, TRANSFERRED, and PENDING_VALIDATION are not included for LEI or RR.</p>						
NORMALIZED	<p>This function takes an input string and outputs a string value with</p> <ul style="list-style-type: none"> - all whitespace removed (including leading, trailing, and all internal whitespace); - all \$PUNCTUATION_CHARACTER characters removed; - all letters made upper-case. <p>Example:</p> <table border="0" style="margin-left: 20px;"> <tr> <td> Test Value </td> <td>NORMALIZED Value </td> </tr> <tr> <td> :---: :---: </td> <td></td> </tr> <tr> <td> 'This is... a test!' </td> <td>'THISISATEST'</td> </tr> </table> <p>Whitespace characters are</p> <ul style="list-style-type: none"> - Spaces - Tabs - New lines 	Test Value	NORMALIZED Value	:---: :---:		'This is... a test!'	'THISISATEST'
Test Value	NORMALIZED Value						
:---: :---:							
'This is... a test!'	'THISISATEST'						
PATTERN_MATCH	<p>Checks whether the pattern for the value matches the regular expression.</p> <p>Example:</p> <table border="0" style="margin-left: 20px;"> <tr> <td> Yields true: '1234' </td> <td>matches: '^(/d{4})\$' </td> </tr> <tr> <td> :---: :---: </td> <td></td> </tr> </table>	Yields true: '1234'	matches: '^(/d{4})\$'	:---: :---:			
Yields true: '1234'	matches: '^(/d{4})\$'						
:---: :---:							
PLACEHOLDER_LIST	List of placeholder values as shown in the Check Specification document						
POSTAL_CODES_LIST	List of covered countries and their associated postal code regex format.						

Term	Description
PRESENT	<p>Field exists and does not contain only whitespace characters.</p> <p>Whitespace characters are</p> <ul style="list-style-type: none"> - Spaces - Tabs - New lines
PREVIOUS_VERSION	<p>Refers to the version of an LEI Record as it is currently present in the Golden Copy Files. This glossary term is only used in checks with context 'PRE_CHECK', where the record under test (RUT) is sent to Pre-Check and therefore represents a new version of an LEI Record that has not yet been introduced to the Golden Copy.</p> <p>Example:</p> <ul style="list-style-type: none"> - <code>\$PREVIOUS_VERSION(RUT lei:RegistrationStatus) IN ['ANNULLED', 'DUPLICATE']</code> <p>In this example the \$PREVIOUS_VERSION refers to the LEI Record's version as it is stored in the Golden Copy, while the RUT is the next version of the record which is sent to the Pre-Check facility.</p>
PUNCTUATION_CHARACTER	Any character matching POSIX bracket expression [:punct:].
RA_CODE_LIST	<p>List of official Registration Authorities Codes.</p> <p>The Registration Authorities Code List is maintained by GLEIF and can be found at: https://www.gleif.org/en/about-lei/code-lists/gleif-registration-authorities-list</p> <p>Example:</p> <pre> RA000001 Afghanistan Central Business Registry (Ministry of Commerce and Industries) :---: :---: </pre>
RA_FORMAT_LIST	<p>List of covered registration authorities and their associated regular expression format.</p> <p>The Registration Authorities Format List is maintained by GLEIF and can be found at: https://www.gleif.org/en/lei-data/gleif-data-quality-management/about-the-data-quality-reports/supporting-documents</p>
RA_FUND_LIST	Collection of registration authorities per legal jurisdiction that are applicable for fund entities

Term	Description
REFERRED_EVENT	<p>Refers to a Legal Entity Event that is not one of the Legal Entity Event(s) that has/have been identified in a previous line.</p> <p>Example: The count of Legal Entity Events with @event_status 'COMPLETED' must match the number of Legal Entity Events with @event_status 'IN_PROGRESS' (Note: This is just an example, and not a requirement by any ROC policy)</p> <pre data-bbox="705 380 1257 618"> precondition = """ * \$COUNT(\$LEGAL_ENTITY_EVENTS) > 0 WITH: * lei:LegalEntityEvent@event_status IN ['COMPLETED'] """ condition = """ * \$COUNT(ALL-APPLICABLE \$LEGAL_ENTITY_EVENTS) = \$COUNT(\$REFERRED_EVENT) lei:LegalEntityEvent@event_status IN ['IN_PROGRESS'] """ </pre>
REFERRED_RECORD	<p>Refers to a record that is not the RUT and that cannot be described with \$START_NODE_RECORD or \$END_NODE_RECORD</p> <p>Example:</p> <pre data-bbox="705 793 1549 841"> * IF RUT lei:RegistrationStatus NOT IN ['PENDING_TRANSFER', 'PENDING_ARCHIVAL']: * REFERRED_RECORD lei:RegistrationStatus IN ['PENDING_ARCHIVAL'] </pre>
RELATIONSHIP_CHAIN	<p>Describes a list of relationships, where the EndNode of the first relationship acts as the start node of the second relationships. This chain can potentially split up into multiple sub-chains (see relationship D below).</p> <p>Example:</p> <p>Relationship A: StartNode ABC, EndNode CDE Relationship B: StartNode CDE, EndNode FGH Relationship C: StartNode FGH, EndNode IJK Relationship D: StartNode FGH, EndNode LMN (...)</p>
REPORTED_CHILD_RELATIONSHIPS	Defines set of RR records for which rr:EndNode/rr:NodeID matches the LEI record's LEI code.
REPORTED_EXCEPTIONS	<p>The REPEX records linked to a given LEI record:</p> <ul style="list-style-type: none"> - repex:LEI matches LEI record's lei:LEI; - If Originator information is available: the LEI record and REPEX record must share the same Originator.

Term	Description
REPORTED_FUND_RELATIONSHIPS	<p>The Relationship Records linked to a given LEI record:</p> <ul style="list-style-type: none"> - rr:StartNode/rr:NodeID matches LEI record's LEI code - rr:RelationshipType is one of IS_FUND-MANAGED_BY, IS_SUBFUND_OF, IS_FEEDER_TO - and (if Originator information is available) the LEI record and RR record share the same Originator. <p>This does not consider attributes such as rr:RegistrationStatus.</p>
REPORTED_PARENT_RELATIONSHIPS	<p>The Relationship Records linked to a given LEI record:</p> <ul style="list-style-type: none"> - rr:StartNode/rr:NodeID matches LEI record's LEI code - rr:RelationshipType is one of IS_DIRECTLY_CONSOLIDATED_BY, IS_ULTIMATELY_CONSOLIDATED_BY, IS_INTERNATIONAL_BRANCH_OF - and (if Originator information is available) the LEI record and RR record share the same Originator. <p>This does not consider attributes such as rr:RegistrationStatus.</p>
REPORTED_RELATIONSHIPS	<p>The Relationship Records linked to a given LEI record:</p> <ul style="list-style-type: none"> - rr:StartNode/rr:NodeID matches LEI record's LEI code - and (if Originator information is available) the LEI record and RR record share the same Originator. <p>This does not consider attributes such as rr:RegistrationStatus or rr:RelationshipType.</p>
REPORTED_{TYPE}_PARENT_INFO	<p>Where {TYPE} is either ULTIMATE or DIRECT:</p> <ul style="list-style-type: none"> - \$REPORTED_ULTIMATE_PARENT_INFO - \$REPORTED_DIRECT_PARENT_INFO <p>Defines set of RR/REPEX records linked to a given LEI record by:</p> <ul style="list-style-type: none"> - For Reporting Exceptions: <ul style="list-style-type: none"> - repex:LEI matches LEI record's lei:LEI - and repex:ReportingException with repex:ExceptionCategory {TYPE}_ACCOUNTING_CONsolidation_PARENT. - For Relationship Records: <ul style="list-style-type: none"> - Relationship Record's rr:StartNode/rr:NodeID matches LEI record's lei:LEI o and rr:RelationshipType corresponds to {TYPE} - and (if Originator information is available) the LEI record and REPEX/RR record must share the same Originator. <p>This could include multiple Relationship Records and/or Reporting Exceptions.</p>

Term	Description
SOLE_PROPRIETOR_ELF_CODE_LIST	List of ELF codes related to the lei:EntityCategory 'SOLE_PROPRIETOR' providing information whether an ELF can or cannot be associated with an individual acting in a business capacity.
STARTS_WITH	<p>A given string begins with a given other string. Unless specified by additional glossary terms, an exact match considering capitalisation and whitespaces is used.</p> <p>Example:</p> <pre> Test Value STARTS_WITH Value :---: :---: `This is a test string!` shall start with `This` True `This is a test string!` shall start with `THIS` False `Th is a test string!` shall start with `This` False </pre>
START_NODE_RECORD	<p>Defines the level 1 record for which the lei:LEI is used as rr:StartNode/rr:NodeID in a relationship record that uses the Record Under Test (RUT) as rr:EndNode/rr:NodeID.</p> <p>Example:</p> <ul style="list-style-type: none"> - RUT is the direct parent of another record (START_NODE_RECORD) - The start node of this relationship indicates the START_NODE_RECORD as rr:StartNode/rr:NodeID, while the RUT is indicated as rr:EndNode/rr:NodeID
STRICT_PATTERN_MATCH	<p>Checks whether every character in the string matches the regular expression.</p> <p>Example:</p> <pre> Yields true: `abca` regex: `[abc]{4}` Yields false: `abcd` regex: `[abc]{4}` </pre>
SUBSTRING	<p>A given string matches at least part of another. A substring match is:</p> <ul style="list-style-type: none"> - case-insensitive, and - aware of word boundaries (internal spaces) <p>Example:</p> <pre> Test Value SUBSTRING Value :---: :---: `hELLo` is to be found in `This is hello guys!` True `hELLo` is to be found in `Thisishelloguys!` False `hELLo` is to be found in `This is helloguys!` False </pre>

Term	Description
TIME_INTERVAL	<p>Describes a time span. The respective time unit is described by abbreviations:</p> <ul style="list-style-type: none"> - Y: Year(s) - M: Month(s) - D: Day(s) - H: Hour(s) - M: Minute(s) - S: Second(s) <p>Example:</p> <p>"\$TIME_INTERVAL('1 Y', '60 D')" represents a time span of 1 year and 60 days.</p>
UNIQUE	The combination of the fields is unique - one and only one.
VALID	The content of the field is present/exists in the Global LEI Repository.