

EUROPEAN SURVEILLANCE OF MULTIDRUG RESISTANT TUBERCULOSIS

EUROTB/RIVM

Main Data File Specification for reporting MDR-TB cases

Summary version October 2005

This data file specification contains three sections:

- **Section A** should be completed for all MDR-TB cases
- **Section B** should be completed for all MDR-TB cases with genotyping information provided by national participating laboratories. The patient number (variable CASENO) is the common field between section A and section B.
- **Section C** should be completed for cases with genotyping information provided by RIVM after European cluster analysis. The strain number (variable NSTRAIN) is the common field between section B and section C.

National data files may be provided in any format but preferred formats are Excel (.xls file), dBase (.dbf file), EpiInfo (.rec file) or ASCII (.txt file). The files can be sent to EuroTB by email (i.devaux@invs.sante.fr) or on a diskette (InVS, 12 rue du Val d'Osne 94415, Saint-Maurice CEDEX, France).

MDR-TB case

A person with active culture-confirmed TB diagnosed in one of the participating countries, from which a *M. tuberculosis* complex strain is isolated, resistant to at least isoniazid and rifampicin. All cases with an MDR *M. tuberculosis* strain isolated on a specimen collected from January 1st 2003 should be included.

Note: a patient should be reported again when a new MDR *M. tuberculosis* isolate is obtained at least 24 months after the previously reported MDR isolate.

SECTION A – to be completed for all MDR-TB cases

| Field name | Type | Length | Description | Field codes |
|--|-----------|--------|--|---|
| COUNTRY | Character | 2 | Country of report | Two letters ISO country codes (annex1) |
| CASENO | Numeric | 4 | Patient number | 1 to N (sequential number) |
| NSEQ | Numeric | 1 | Sequential patient number. A patient should be reported again if a new MDR <i>M. tuberculosis</i> isolate is obtained at least 24 months after the previously reported isolate | sequential number 1 to 9 |
| TBNOTIF | Numeric | 1 | TB case notification status of the patient for the current episode | 1 = included in TB case notification as MDR-TB case 2 = included in TB case notification as non MDR-TB case 3 = included in TB case notification, DST not reported 4 = not included 9 = unknown |
| LABTYPE | Numeric | 1 | External Quality Assurance (E.Q.A.) for DST in the laboratory where DST was performed. | 1 = NRL or laboratory participating in national EQA; concordance for INH and RMP $\geq 90\%$ at last round 2 = participating in national EQA; concordance for INH or RMP $< 90\%$ at last round 3 = not participating in EQA 9 = unknown / not specified |
| ISOLYR | Numeric | 4 | Year of collection of the specimen on which MDR was diagnosed | 4-digit year 9999= not available |
| ISOLMO | Numeric | 2 | Month of collection of the specimen on which MDR was diagnosed | 2-digit month 99=not available |
| <i>DIAGYR and DIAGMO are alternative options when ISOLYR and ISOLMO are not available</i> | | | | |
| DIAGYR | Numeric | 4 | Year of DST result indicating MDR | 4-digit year 9999= not available |
| DIAGMO | Numeric | 2 | Month of DST result indicating MDR | 2-digit month 99=not available |
| MDRTTYR | Numeric | 4 | Year the current MDR treatment started (i.e. start of 2 nd line drug treatment) | 4-digit year 9999= not available |
| MDRTTMO | Numeric | 2 | Month the current MDR treatment started (i.e. start of 2 nd line drug treatment) | 2-digit month 99=not available |
| REPYR | Numeric | 4 | Year of report as MDR-TB case at national level | 4-digit year 9999= not available |
| REPMO | Numeric | 2 | Month of report as MDR-TB case at national level | 2-digit month 99=not available |
| SEX | Numeric | 1 | Sex of the patient | 1 = male 2 = female 9 = unknown |
| BIRTHYR | Numeric | 4 | Year of birth | 4-digit year 9999 = unknown |
| AGE | Numeric | 2 | Age of the patient at MDR-TB diagnosis or at start of MDR-TB treatment | 0 = less than 1 year 1 to 94 = age in years 95 = 95 years or over 97 = unknown age, adult (15 years or over) 98 = unknown age, paediatric (<15 years) 99 = unknown |
| VITAL | Numeric | 2 | Vital status at MDR-TB diagnosis | 1 = alive 2 = dead 9= unknown |
| ORCLASS | Numeric | 1 | Type of information on geographic origin of the patient | 1 = country of birth 2 = citizenship |
| ORIGIN | Numeric | 1 | Origin of the patient | 1 = born in / citizen of the country of report 2 = born abroad /citizen out of the country of report 9 = unknown birth place / citizenship |

| | | | | |
|--|---------|---|---|--|
| ORCTRY | Numeric | 3 | Country of birth/citizenship of the patient | Country/continent code numbers (Annex 2) 999 = unknown |
| MAJSITE ¹ | Numeric | 2 | Major site of disease | 1 = pulmonary (lung parenchyma, tracheobronchial tree, larynx) 2 = pleural 3 = lymphatic intrathoracic 4 = lymphatic extrathoracic 5 = spine 6 = bone/joint other than spine 7 = meningitis 8 = central nervous system other than meningitis 9 = genito-urinary 10 = peritoneal/digestive 11 = disseminated 12 = other 99 = unknown |
| MINSITE ¹ | Numeric | 2 | Minor site of disease | 2 = pleural 3 = lymphatic intrathoracic 4 = lymphatic extrathoracic 5 = spine 6 = bone/joint other than spine 7 = meningitis 8 = central nervous system other than meningitis 9 = genito-urinary 10 = peritoneal/digestive 11 = disseminated 12 = other 99 = unknown |
| Alternative option for site of disease, when MAJSITE and MINSITE can not be completed | | | | |
| PULM | Numeric | 1 | Site of disease (pulmonary classification) | 1 = pulmonary, with or without extra-pulmonary site 2 = extra-pulmonary only 9 = unknown |
| SMEAR | Numeric | 1 | Sputum smear microscopy result for the specimen used to diagnose MDR-TB | 1 = positive for acid-fast bacilli (AFB) 2 = negative for AFB 3 = done, but results are unknown 4 = not done 9 = unknown / not applicable Note: Only smear examination of spontaneous or induced sputum (and <u>not</u> of broncho-alveolar or gastric lavage) should be taken into account. Cases for whom the type of specimen examined is not known should be coded as SMEAR = 9 |
| SPECIES | Numeric | 1 | Species within <i>M. tuberculosis</i> complex | 1 = <i>M. tuberculosis</i> 6 = <i>M. pinipedii</i> 2 = <i>M. africanum</i> 7 = <i>M. caprae</i> 3 = <i>M. bovis</i> 8 = <i>M. canettii</i> 4 = <i>M. bovis</i> BCG 9 = unknown 5 = <i>M. microti</i> |
| PREDIAG | Numeric | 1 | Previous diagnosis of TB, according to drug resistance pattern (choose the highest in hierarchical order from 1 to 3) | 1 = previous diagnosis of MDR-TB 2 = previous diagnosis of drug resistant TB other than MDR-TB 3 = previous diagnosis of fully sensitive TB 4 = previous diagnosis of TB (resistance status not known) 5 = no previous history of TB 9 = unknown |

¹ **Notes on MAJSITE and MINSITE:**

Tuberculosis in children involving both the lung parenchyma and a lymphatic component should be coded as MAJSITE=1 and MINSITE = 3.

Disseminated tuberculosis (code 11) includes : 1) tuberculosis of more than two organ systems, 2) miliary tuberculosis or 3) tuberculosis in which *M. tuberculosis* complex has been isolated from the blood. If one of the affected sites is the lung, such as in miliary tuberculosis, the case should be coded as MAJSITE=1 and MINSITE=11. In all other cases, it should be coded as MAJSITE=11 and MINSITE=99

| | | | | |
|----------------|---------|---|---|--|
| PREYR | Numeric | 4 | Year of the previous diagnosis of TB coded in PREDIAG | 4-digit calendar year 9999 = unknown |
| PRETT | Numeric | 1 | Previous history of anti-tuberculosis drug treatment (i.e. >= 1 month before the specimen collection used to diagnose MDR-TB) | 1 = yes, with 2nd line drugs 2 = yes, with 1st line drugs only 3 = yes, not specified 4 = no 9 = unknown |
| PREOUT | Numeric | 1 | Outcome of the last previous anti-tuberculosis drug treatment | 1 = cured 2 = completed 4 = failed 5 = defaulted 6 = transferred 7 = still on treatment 9 = unknown, not applicable |
| ETHAMB | Numeric | 1 | Susceptibility to Ethambutol | Drug susceptibility status at MDR-TB diagnosis, (i.e. on the first isolate on which MDR was determined) 1 = susceptible 2 = resistant 3 = susceptibility tested but results unknown 4 = susceptibility not tested 9 = unknown |
| STREPT | Numeric | 1 | Susceptibility to Streptomycin | |
| PYRAZ | Numeric | 1 | Susceptibility to Pyrazinamide | |
| THIOAC | Numeric | 1 | Susceptibility to Thioacetazone | |
| AMIKA | Numeric | 1 | Susceptibility to Amikacin | |
| KANAM | Numeric | 1 | Susceptibility to Kanamycin | |
| CAPREO | Numeric | 1 | Susceptibility to Capreomycin | |
| ETHIO | Numeric | 1 | Susceptibility to Ethionamide | |
| CYCLOS | Numeric | 1 | Susceptibility to Cycloserine | |
| CIPROX | Numeric | 1 | Susceptibility to Ciprofloxacin | |
| OFLOX | Numeric | 1 | Susceptibility to Ofloxacin | |
| PASACID | Numeric | 1 | Susceptibility to p-aminosalicylic acid | |
| RIFAB | Numeric | 1 | Susceptibility to Rifabutin | |
| OUT12 | Numeric | 1 | The first outcome observed within a 12 months after the start of MDR-TB treatment | 3 = died 5 = defaulted 6 = transferred 7 = still on treatment 9 = unknown/not applicable |
| OUT24 | Numeric | 1 | The first outcome observed 13 to 24 months from the start of MDR-TB treatment | 1 = cured, 2 = treatment completed, 3 = died, 4 = treatment failed, 5 = treatment defaulted, 6 = transferred, 7 = still on treatment, 9 = unknown |
| OUT36 | Numeric | 1 | The first outcome observed 25 to 36 months from the start of MDR-TB treatment | 1 = cured, 2 = treatment completed, 3 = died, 4 = treatment failed, 5 = treatment defaulted, 6 = transferred, 9 = unknown |

Note on outcome variables: those fields will be used when detailed definitions will be finalised.

SECTION B

to be completed by national institution for all MDR-TB cases with genotyping information provided by national participating laboratory

| Field name | Type | Length | Description | Field codes |
|-----------------|---------------|------------|---|--|
| NSTRAIN | Alpha Numeric | 12 | Strain code, corresponding to the one in the genetic typing database | 999 = strain not available for genotyping Position 1-2 = ISO two char's country code (annex2) Position 3 = lab. code (A-Z) to be supplied by RIVM Position 4-7 = 4-digit calendar year of specimen collection Position 8-12 = strain number attributed at country level |
| COLLYR | Numeric | 4 | Year of collection of the specimen from which the strain used for genotyping has been isolated | 4-digit year 9999= not available |
| COLLMO | Numeric | 2 | Month of collection of the specimen from which the strain used for genotyping has been isolated | 2-digit month 99=not available |
| RFLPNL | Numeric | 1 | IS6110 RFLP typing status | 1 = done by national participating laboratory 2 = strain sent to RIVM 9 = not available |
| BIONUM | Numeric | 1 | Mode of transfer of IS6110 RFLP result to RIVM | 1 = Bionumerics software 2 = other electronic format 9 = unknown / not applicable |
| SPOLICOD | Numeric | 15 | Spoligo pattern code | 15 digits binary code [1] 999 = not done / not available |
| MIRUCOD | Numeric | 12 | MIRU pattern code | 12 digits MIRU code [2] 999 = not done / not available |
| NCRFLP | Alpha-numeric | 7 or 8 [3] | National cluster code based on IS6110 RFLP | For reference method: Position 1 = N Position 2-3 = ISO two char's country code Position 4-7 = cluster number 999 = strain not clustered For sub-typing method: Position 1-7 = same as reference method Position 8 = A,B...W for clustered cases X for non clustered cases |
| NCSPOL | Alpha-numeric | 7 or 8 [3] | National cluster code based on spoligo-typing | |
| NCMIRU | Alpha-numeric | 7 or 8 [3] | National cluster code based on MIRU typing method | |
| NCPCR | Alpha-numeric | 7 or 8 [3] | National cluster code based on both PCR methods (spoligo-typing and MIRU typing) | |

[1] Dale, J.W., D. Brittain, A.A. Cataldi. Spacer oligonucleotide typing of bacteria of the *Mycobacterium tuberculosis* complex: recommendations for standardised nomenclature. Int. J. Tuberc. Lung. Dis. 2001; 5:216-219.

[2] Supply, P., S. Lesjean, E. Savine, K. Kremer, D. van Soolingen, C. Locht. Automated high-throughput genotyping for study of global epidemiology of *Mycobacterium tuberculosis* based on mycobacterial interspersed repetitive units. J. Clin. Microbiol. 2001; 39:3563-3571.

[3] 7 digits if reference method and 8 digits if sub-typing method

SECTION C

to be completed for MDR-TB cases with genotyping information by RIVM for European cluster analysis

| Field name | Type | Length | Description | Field codes |
|-----------------|--------------|--------|---|--|
| RFLP | Numeric | 1 | Laboratory where RFLP was performed | 1 = done by national participating laboratory 2 = done by RIVM 9 = not done |
| RFLPYR | Numeric | 4 | Year the RFLP was received at RIVM | 4-digit year 9999= not available |
| RFLPMO | Numeric | 2 | Month the RFLP was received at RIVM | 2-digit month 99=not available |
| NBANDS | Numeric | 2 | Number of bands identified with RFLP | 1 to 99 |
| SPOLIGO | Numeric | 1 | Laboratory where spoligo-typing was performed | 1 = done by national participating laboratory 2 = done by RIVM 9 = not done |
| SPOLICOD | Numeric | 15 | Spoligo-typing pattern code | 15 digits spoligo-typing binary code [1] |
| MIRU | Numeric | 1 | Laboratory where MIRU was performed | 1 = done by national participating laboratory 2 = done by RIVM 9 = not done |
| MIRUCOD | Numeric | 12 | MIRU pattern code | 12 digits MIRU code [2] |
| BEIJING | Numeric | 1 | Beijing genotype identification | 1 = Beijing RFLP 2 = possible Beijing RFLP 3 = not Beijing |
| ECRFLP | Alph- num | 5 | European cluster code based on the reference technique (RFLP) | Position 1 = E Position 2-5 = cluster number 999 = strain not clustered |
| ECSPOL | Alph- num | 6 | European cluster code based on RFLP + Spoligo-typing | Position 1-5 = same as ECRFLP Position 6 = A,B...W for clustered cases X for non clustered cases |
| ECMIRU | Alph- num | 6 | European cluster code based on RFLP + MIRU | |
| ECPCR | Alph- num | 6 | European cluster code based on RFLP + both PCR methods (spoligo-typing and MIRU) | |
| ECFINAL | Alph- num | 6 | Overall European cluster code on the basis of RFLP, and in case of low-copy strains, on the basis of RFLP + Spoligotyping and/or MIRU | <i>To be defined by RIVM</i> |

[1] Dale, J.W., D. Brittain, A.A. Cataldi. Spacer oligonucleotide typing of bacteria of the *Mycobacterium tuberculosis* complex: recommendations for standardised nomenclature. Int. J. Tuberc. Lung. Dis. 2001; 5:216-219.

[2] Supply, P., S. Lesjean, E. Savine, K. Kremer, D. van Soolingen, C. Locht. Automated high-throughput genotyping for study of global epidemiology of *Mycobacterium tuberculosis* based on mycobacterial interspersed repetitive units. J. Clin. Microbiol. 2001; 39:3563-3571.

Annex 1 : List of the ISO country codes

ISO 3166 is the International Standard for country codes. The standard used is ISO 3166-1 :1997 Codes for the representation of names of countries and their subdivisions - Part 1: Country codes.

| | | | |
|----|----------------------|-----|---|
| AL | Albania | LU | Luxembourg |
| AD | Andorra | LV | Latvia |
| AT | Austria | MT | Malta |
| AM | Armenia | MD | Republic of Moldova |
| AZ | Azerbaijan | MK | Macedonia (The former Yugoslav Republic of) |
| BY | Belarus | MC | Monaco |
| BE | Belgium | NL | Netherlands |
| BA | Bosnia & Herzegovina | NO | Norway |
| BG | Bulgaria | PL | Poland |
| HR | Croatia | PT | Portugal |
| CZ | Czech Republic | RO | Romania |
| DK | Denmark | RU | Russian Federation |
| DE | Germany | SM | San Marino |
| EE | Estonia | SVK | Slovakia |
| FI | Finland | SI | Slovenia |
| FR | France | ES | Spain |
| GE | Georgia | SE | Sweden |
| GR | Greece | CH | Switzerland |
| HU | Hungary | TJ | Tajikistan |
| IS | Iceland | TM | Turkmenistan |
| IE | Ireland | TR | Turkey |
| IL | Israel | UA | Ukraine |
| IT | Italy | GB | United Kingdom |
| KZ | Kazakhstan | ZU | Uzbekistan |
| KG | Kyrgyzstan | CS | Serbia & Montenegro |
| LT | Lithuania | | |

Annex 2 : List of country / area codes

The three digit codes listed below should be used to complete the variable [ORIGIN] or [ORCTRY] but not the [COUNTRY] code. The source of this classification is the official geographical country codes published by the French National Institute of Statistics (Institut National des Statistiques et Etudes Economiques, INSEE), Paris, 1998.

Codes correspond to:

- countries defined by their current borders (including territories indicated in brackets)
- areas or territories which are under the national authority of another country (indicated with [*], see note at the end of the list).

Countries and territories are grouped by continent (not corresponding to the WHO Regions), identified by the first digit of the codes. Continent codes (first digit + 00) should be used if the continent of origin is known but the specific country is unknown.

100 EUROPE (continent code)

| | | | |
|-----|------------------------------|-----|---|
| 125 | ALBANIA | 113 | LIECHTENSTEIN |
| 130 | ANDORRA | 108 | LITHUANIA |
| 110 | AUSTRIA | 137 | LUXEMBOURG |
| 148 | BELARUS | 156 | MACEDONIA ,FRY |
| 131 | BELGIUM | 144 | MALTA |
| 118 | BOSNIA AND HERZEGOVINA | 151 | MOLDOVA |
| 111 | BULGARIA | 138 | MONACO |
| 119 | CROATIA | 135 | NETHERLANDS |
| 254 | CYPRUS | 103 | NORWAY [and Bouvet Svalbard & Mayen Islands |
| 116 | CZECH REPUBLIC | 122 | POLAND |
| 101 | DENMARK [and Faeroe Islands] | 139 | PORTUGAL |
| 106 | ESTONIA | 114 | ROMANIA |
| 105 | FINLAND | 123 | RUSSIAN FEDERATION |
| 150 | FRANCE | 128 | SAN MARINO |
| 109 | GERMANY | 121 | SERBIA & MONTENEGRO |
| 133 | GIBRALTAR [*] | 117 | SLOVAKIA |
| 126 | GREECE | 145 | SLOVENIA |
| 112 | HUNGARY | 134 | SPAIN |
| 102 | ICELAND | 104 | SWEDEN |
| 136 | IRELAND | 140 | SWITZERLAND |
| 127 | ITALY | 155 | UKRAINE |
| 107 | LATVIA | 132 | UNITED KINGDOM |

200 ASIA (continent code)

| | | | |
|-----|-------------------|-----|--------------|
| 212 | AFGHANISTAN | 232 | MACAU [*] |
| 252 | ARMENIA | 227 | MALAYSIA |
| 253 | AZERBAIJAN | 229 | MALDIVES |
| 249 | BAHRAIN | 242 | MONGOLIA |
| 246 | BANGLADESH | 215 | NEPAL |
| 214 | BHUTAN | 250 | OMAN |
| 225 | BRUNEI DARUSSALAM | 213 | PAKISTAN |
| 224 | BURMA or MYANMAR | 261 | PALESTINE |
| 234 | CAMBODIA | 220 | PHILIPPINES |
| 216 | CHINA | 248 | QATAR |
| 255 | GEORGIA | 201 | SAUDI ARABIA |
| 230 | HONG-KONG | 226 | SINGAPORE |
| 223 | INDIA [and GOA] | 235 | SRI LANKA |
| 231 | INDONESIA | 206 | SYRIA |
| 204 | IRAN | 236 | TAIWAN |
| 203 | IRAQ | 259 | TAJIKISTAN |
| 207 | ISRAEL | 219 | THAILAND |
| 217 | JAPAN | 241 | LAOS |
| 222 | JORDAN | 208 | TURKEY |
| 256 | KAZAKHSTAN | 260 | TURKMENISTAN |

| | | | |
|-----|-------------|-----|----------------------|
| 238 | NORTH KOREA | 247 | UNITED ARAB EMIRATES |
| 239 | SOUTH KOREA | 258 | UZBEKISTAN |
| 240 | KUWAIT | 243 | VIETNAM |
| 257 | KYRGYZSTAN | 251 | YEMEN |
| 205 | LEBANON | | |

300 AFRICA (continent code)

| | | | |
|-----|---------------------------------------|-----|-----------------------|
| 352 | ALGERIA | 333 | MADAGASCAR |
| 395 | ANGOLA | 334 | MALAWI |
| 319 | AZORES, MADEIRA [*] | 335 | MALI |
| 327 | BENIN | 336 | MAURITANIA |
| 347 | BOTSWANA | 390 | MAURITIUS |
| 308 | BRITISH INDIAN OCEAN TERRITORIES [*] | 362 | MAYOTTE [*] |
| 331 | BURKINA-FASO | 350 | MOROCCO |
| 321 | BURUNDI | 393 | MOZAMBIQUE |
| 322 | CAMEROON | 311 | NAMIBIA |
| 313 | CANARY ISLANDS, CEUTA and MELLILA [*] | 337 | NIGER |
| 396 | CAPE-VERDE | 338 | NIGERIA |
| 323 | CENTRAL AFRICAN REPUBLIC | 361 | REUNION [*] |
| 344 | CHAD | 340 | RWANDA |
| 397 | COMOROS | 306 | SAINT HELENA [*] |
| 324 | CONGO | 394 | SAO TOME-AND-PRINCIPE |
| 326 | COTE D'IVOIRE | 341 | SENEGAL |
| 399 | DJIBOUTI | 398 | SEYCHELLES |
| 301 | EGYPT | 342 | SIERRA LEONE |
| 314 | EQUATORIAL GUINEA | 318 | SOMALIA |
| 317 | ERITREA | 303 | SOUTH AFRICA |
| 315 | ETHIOPIA | 343 | SUDAN |
| 328 | GABON | 391 | SWAZILAND |
| 304 | GAMBIA | 309 | TANZANIA |
| 329 | GHANA | 345 | TOGO |
| 330 | GUINEA | 351 | TUNISIA |
| 392 | GUINEA-BISSAU | 339 | UGANDA |
| 332 | KENYA | 353 | WESTERN SAHARA |
| 348 | LESOTHO | 312 | ZAIRE |
| 302 | LIBERIA | 346 | ZAMBIA |
| 316 | LIBYA | 310 | ZIMBABWE |

400 AMERICA (continent code)

| | | | |
|-----|--|-----|--|
| | BRITISH TERRITORIES IN THE ANTILLES [*] | 445 | FRENCH GUIANA [*] |
| |] ANGUILLA, BRITISH VIRGIN ISLANDS | 430 | GREENLAND [*] |
| 425 | BERMUDA, CAYMAN ISLANDS, MONTserrat, TURKS AND CAICOS ISLANDS, | 435 | GRENADA |
| | | 443 | GUADELOUPE [*] |
| | | 409 | GUATEMALA |
| 441 | ANTIGUA-AND-BARBUDA | 428 | GUIANA |
| 415 | ARGENTINA | 410 | HAITI |
| | DUTCH ANTILLES (ARUBA, BONAIRE, CURACAO, ST. MAARTEN, ST. EUSTATIUS, SABA [*]) | 411 | HONDURAS |
| 431 | | 426 | JAMAICA |
| | | 444 | MARTINIQUE [*] |
| 436 | BAHAMAS | 405 | MEXICO |
| 434 | BARBADOS | 412 | NICARAGUA |
| 429 | BELIZE | 413 | PANAMA |
| 418 | BOLIVIA | 421 | PARAGUAY |
| 416 | BRAZIL | 422 | PERU |
| 401 | CANADA | | US TERRITORIES IN THE ANTILLES PUERTO RICO, VIRGIN ISLANDS [*] |
| 417 | CHILE | 432 | |
| 419 | COLOMBIA | 442 | SAINT-CHRISTOPHER-NEVIS |
| 406 | COSTA RICA | 439 | SAINT-LUCIA |
| 407 | CUBA | 446 | SAINT-PIERRE-AND-MIQUELON [*] |
| 438 | DOMINICA | 440 | SAINT-VINCENT-AND-THE-GRENADINES |
| 408 | DOMINICAN REPUBLIC | 437 | SURINAME |

| | | | |
|------------|---|-----|---|
| 420 | ECUADOR | 433 | TRINIDAD AND TOBAGO |
| 414 | EL SALVADOR | 404 | UNITED STATES OF AMERICA [and ALASKA] |
| 427 | FALKLAND ISLANDS and UK TERRITORIES OF IN THE SOUTH ATLANTIC [*] | 423 | URUGUAY |
| | | 424 | VENEZUELA |
| 500 | <u>OCEANIA (continent code)</u> | | |
| | AUSTRALIA [and ISLANDS: CHRISTMAS, COCOS, HEARD, MC DONALD and, NORFOLK ISLANDS | 507 | NAURU |
| 501 | | 518 | NEW CALEDONIA [*] |
| 508 | FIJI | 502 | NEW ZEALAND [and COOK ISLANDS, NIUE, TOKELAU) |
| 519 | FRENCH POLYNESIA [*] | 517 | PALAU ISLANDS |
| 521 | FRENCH SOUTHERN AND ANTARCTIC TERRITORIES [*] | 510 | PAPUA-NEW-GUINEA |
| | US TERRITORIES IN OCEANIA (AMERICAN SAMOA, GUAM, NORTHERN MARIANA ISLANDS [*]) | 503 | PITCAIRN ISLAND [*] |
| 505 | | 512 | SOLOMON ISLANDS |
| 504 | HAWAII [*] | 509 | TONGA |
| 513 | KIRIBATI | 511 | TUVALU |
| 515 | MARSHALL ISLANDS | 514 | VANUATU |
| 516 | MICRONESIA, FEDERATED STATES OF | 520 | WALLIS AND FUTUNA ISLANDS [*] |
| | | 506 | WESTERN SAMOA |

[*] Note on territories under the national authority of another country

| | | |
|--------------------------|-----|---|
| DENMARK | 430 | GREENLAND |
| | 445 | FRENCH GUIANA |
| | 519 | FRENCH POLYNESIA |
| | 521 | FRENCH SOUTHERN AND ANTARCTIC TERRITORIES |
| | 443 | GUADELOUPE |
| FRANCE | 444 | MARTINIQUE |
| | 362 | MAYOTTE |
| | 518 | NEW CALEDONIA |
| | 361 | REUNION |
| | 446 | SAINT-PIERRE-AND MIQUELON |
| | 520 | WALLIS AND FUTUNA ISLANDS |
| NETHERLANDS | 431 | ARUBA, BONAIRE, CURACAO, ST MAARTEN, ST EUSTATIUS, SABA |
| | 319 | AZORES, MADEIRA |
| PORTUGAL | 232 | MACAO |
| SPAIN | 313 | CANARY ISLANDS, CEUTA and MELILLA |
| | 113 | GIBRALTAR |
| | 306 | SAINT-HELENA |
| | 308 | BRITISH TERRITORIES OF THE INDIAN OCEAN |
| UNITED KINGDOM | 425 | ANGUILLA BERMUDA CAYMAN ISLANDS MONTSERRAT TURKS AND CAICOS ISLANDS BRITISH VIRGIN ISLANDS |
| | 427 | FALKLAND ISLANDS UK TERRITORIES THE SOUTH ATLANTIC |
| | 503 | PITCAIRN ISLAND |
| | 432 | PUERTO RICO US VIRGIN ISLANDS |
| UNITED STATES of AMERICA | 504 | HAWAI GUAM NORTHERN MARIANA ISLANDS AMERICAN SAMOA, US TERRITORIES IN OCEANIA |

