

Member State Associate of the CGPM International organization

| Country | AUV | L | TF | T | PR | M | EM | EM Matrices | RI(I) | RI(II) | RI(III) |
|------------------|-----|----|----|----|----|-----|-----|-------------|-------|--------|---------|
| Albania | | | | | | | | | | | |
| Argentina | 9 | 4 | | 17 | 3 | 69 | 118 | Yes | | 33 | |
| Australia | 23 | 6 | 21 | 8 | 17 | 29 | 105 | Yes | 15 | 32 | 2 |
| Austria | 23 | 26 | 17 | 10 | 3 | 60 | 49 | Yes | 50 | 100 | |
| Belarus | 8 | 13 | 31 | 27 | 3 | 2 | 12 | No | 21 | 30 | |
| Belgium | | 17 | 6 | 2 | | 20 | 54 | Yes | | | |
| Bolivia | | | | | | | | | | | |
| Brazil | 37 | 11 | 13 | | 11 | 87 | 128 | Yes | 8 | 96 | 2 |
| Bulgaria | 30 | 9 | 16 | 24 | 8 | 24 | 69 | Yes | 7 | | |
| Canada | 28 | 30 | 7 | 63 | 63 | 52 | 236 | No | 10 | | 1 |
| CARICOM | | | | | | | | | | | |
| Chile | | 1 | | 10 | | 33 | | | | | |
| China | 21 | 14 | 28 | 7 | 27 | 54 | 155 | Yes | 17 | 176 | 2 |
| Chinese Taipei | 23 | 15 | 8 | 6 | 33 | 50 | 151 | Yes | 7 | 78 | 4 |
| Costa Rica | | | | | | 24 | 54 | Yes | | | |
| Croatia | | 11 | | 28 | | 10 | | | | | |
| Cuba | | | | | | 12 | | | 13 | 38 | |
| Czech Republic | 8 | 78 | 17 | 28 | 2 | 39 | 176 | Yes | 7 | 104 | 12 |
| Denmark | 31 | 8 | | 17 | 8 | 74 | 62 | Yes | | | |
| Ecuador | | | | | | | | | | | |
| Egypt | | 2 | | | | 21 | | | | | |
| Estonia | | | | | | | | | | | |
| Finland | 17 | 62 | 11 | 33 | 53 | 31 | 187 | Yes | 31 | | |
| France | 58 | 27 | 11 | 58 | 19 | 119 | 313 | Yes | 63 | 166 | 15 |
| Georgia | | | | | | | | | | | |
| Germany | 76 | 92 | 25 | 68 | 66 | 209 | 334 | Yes | 59 | 158 | 20 |
| Ghana | | | | | | | | | | | |
| Greece | | 4 | | 37 | | 12 | 62 | No | 35 | | |
| Hong Kong, China | 15 | 10 | 29 | 16 | | 34 | 195 | Yes | | | |
| Hungary | 6 | 19 | 5 | 23 | 57 | 60 | 85 | Yes | 20 | 84 | |
| IAEA | | | | | | | | | 13 | | |
| India | 23 | 38 | 11 | | 14 | 30 | 84 | Yes | | | |
| Indonesia | | 5 | | 2 | | 27 | 49 | No | | | |
| Ireland | | 2 | 7 | 24 | | 7 | 170 | Yes | | | |
| IRMM | | | | | | | | | | 110 | |
| Israel | | | | | | | | | | | |
| Italy | 42 | 39 | 16 | 47 | 23 | 108 | 206 | Yes | 76 | 13 | 9 |
| Jamaica | | | | | | | | | | | |
| Japan | 8 | 33 | 27 | 22 | 17 | 83 | 32 | Yes | 12 | 219 | 9 |
| Kazakhstan | | | | | | | | | | | |
| Kenya | | | | | | | | | | | |

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| Country | AUV | L | TF | T | PR | M | EM | EM Matrices | RI(I) | RI(II) | RI(III) |
|--------------------------------|------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|------------|
| Korea | 41 | 5 | 23 | 14 | 31 | 47 | 135 | Yes | 12 | 190 | 6 |
| Latvia | | | | | | | | | | | |
| Lithuania | | 9 | 16 | 6 | | 21 | 33 | No | | | |
| Malaysia | 21 | 7 | 4 | 6 | 8 | 15 | 79 | Yes | 15 | | |
| Malta | | | | | | | | | | | |
| Mexico | 40 | 22 | 9 | 15 | 30 | 54 | 55 | Yes | | | |
| Moldova | | | | | | | | | | | |
| Netherlands, The | 6 | 76 | 31 | 48 | 13 | 89 | 235 | Yes | 28 | 57 | |
| New-Zealand | | 21 | 11 | 11 | 27 | 20 | 107 | Yes | | | |
| Norway | | 10 | | 19 | 3 | 22 | 74 | Yes | 22 | | |
| Panama | | | 2 | | | 20 | 4 | No | | | |
| Paraguay | | | | | | | | | | | |
| Peru | | | | | | | | | | | |
| Philippines | | | | | | | | | | | |
| Poland | 48 | 34 | 13 | 42 | 6 | 74 | 149 | Yes | 5 | 68 | |
| Portugal | 2 | 15 | | 39 | | 30 | 27 | Yes | 43 | | |
| Romania | 8 | 17 | 9 | 24 | 8 | 30 | 98 | Yes | | 34 | |
| Russia | 72 | 19 | 36 | 137 | 44 | 59 | 325 | Yes | 161 | 124 | 44 |
| Serbia | | 9 | 12 | 13 | 7 | 10 | 94 | Yes | | | |
| Singapore | | 5 | 4 | 10 | 36 | 25 | 128 | Yes | | | |
| Slovakia | 6 | 22 | 16 | 70 | 11 | 53 | 79 | Yes | 30 | 37 | 9 |
| Slovenia | | 24 | 11 | 36 | | 16 | 159 | Yes | | | |
| South Africa | 38 | 7 | | 26 | 55 | 47 | 112 | No | 1 | 36 | |
| Spain | 20 | 35 | 19 | 52 | 38 | 48 | 94 | Yes | 52 | 97 | |
| Sri Lanka | | | | | | | | | | | |
| Sweden | 33 | 41 | 19 | 27 | 29 | 80 | 199 | Yes | 29 | | |
| Switzerland | 24 | 62 | 12 | 37 | 27 | 50 | 131 | Yes | 8 | 21 | |
| Thailand | | 25 | 6 | 4 | | 30 | 313 | No | | | |
| The FYR Macedonia | | | | | | | | | | | |
| Tunisia | | | | | | | | | | | |
| Turkey | 25 | 51 | 20 | 50 | 10 | 86 | 198 | Yes | | | |
| Ukraine | 15 | 25 | 17 | | | 3 | 33 | Yes | | | |
| United Kingdom | 42 | 46 | 12 | 41 | 129 | 81 | 326 | Yes | 36 | 116 | 42 |
| United States | 32 | 49 | 9 | 81 | 126 | 119 | 329 | Yes | 35 | 497 | 8 |
| Uruguay | | | | 12 | | 45 | 132 | No | | | |
| Viet Nam | | | | | | | | | | | |
| WMO | | | | | | | | | | | |
| Total by Metrology Area | 959 | 1212 | 617 | 1397 | 1065 | 2554 | 6734 | | 941 | 2714 | 185 |

| | |
|--|--------------------------------|
| 14538 Total General Physics | 3840 Total RI |
|--|--------------------------------|

Member State Associate of the CGPM International organization

| Country | QM / 1 | QM / 2 | QM / 3 | QM / 4 | QM / 5 | QM / 6 | QM / 7 | QM / 8 | QM / 9 | QM / 10 | QM / 11 | QM / 12 | QM / 13 | QM / 14 | QM / 15 | Total by country for all metrology areas |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|--|
| Albania | | | | | | | | | | | | | | | | 0 |
| Argentina | | 5 | 6 | | 2 | | | | | | | | 9 | | | 275 |
| Australia | 25 | | 1 | 10 | 4 | | | | | 2 | 8 | | 6 | | | 314 |
| Austria | | | | | | | | | | | | | | | | 338 |
| Belarus | | | | 3 | | 1 | | | | | | | | | | 151 |
| Belgium | | | | | | | | | | | | | | | | 99 |
| Bolivia | | | | | | | | | | | | | | | | 0 |
| Brazil | | | | 18 | 2 | 5 | 4 | | | | | | | | | 422 |
| Bulgaria | | | | | | 3 | | | | | | | | | | 190 |
| Canada | | | | | 39 | | | | | 30 | | | 35 | | | 594 |
| CARICOM | | | | | | | | | | | | | | | | 0 |
| Chile | | 6 | | | 1 | 1 | | | | | 3 | | | | | 55 |
| China | 92 | 45 | 19 | 33 | | 5 | | | | 11 | 20 | 8 | | | 1 | 735 |
| Chinese Taipei | | | | 3 | | | | | | | | | | | | 378 |
| Costa Rica | | | | | | | | | | | | | | | | 78 |
| Croatia | | | | | | | | | | | | | | | | 49 |
| Cuba | | | | | | | | | | | | | | | | 63 |
| Czech Republic | | | | 14 | | | 1 | | | 14 | | | | | | 500 |
| Denmark | | | | | | 6 | 3 | | | | | | | | | 209 |
| Ecuador | | | | | | | | | | | | | | | | 0 |
| Egypt | | | | | | | | | | | | | | | | 23 |
| Estonia | | | | | | | | | | | | | | | | 0 |
| Finland | | | | 5 | | | | | | | | | | | | 430 |
| France | | 24 | 20 | 40 | 8 | 2 | | | | | 22 | | 10 | | | 975 |
| Georgia | | | | | | | | | | | | | | | | 0 |
| Germany | 33 | 29 | 16 | 86 | 10 | 9 | 4 | 245 | 32 | 27 | 13 | 2 | 65 | 20 | 2 | 1700 |
| Ghana | | | | | | | | | | | | | | | | 0 |
| Greece | | | | | | | | | | | | | | | | 150 |
| Hong Kong, China | | | | | | | | | | | 3 | | 5 | | | 307 |
| Hungary | | | | 16 | | 7 | 4 | | | | | | | | | 386 |
| IAEA | | | | | | | | | | | | | | | | 13 |
| India | | | | | | | | | | | | | | | | 200 |
| Indonesia | | | | | | | | | | | | | | | | 83 |
| Ireland | | | | | | | | | | | | | | | | 210 |
| IRMM | 30 | 7 | 14 | | 13 | | | | 9 | 18 | 14 | 3 | 30 | | | 248 |
| Israel | | | | | | | | | | | | | | | | 0 |
| Italy | | | | 3 | | | 2 | 3 | | 2 | | | | | | 589 |
| Jamaica | | | | | | | | | | | | | | | | 0 |
| Japan | 14 | 20 | 10 | 144 | 21 | 6 | | | 4 | 4 | 18 | | 38 | | | 741 |
| Kazakhstan | | | | | | | | | | | | | | | | 0 |
| Kenya | | | | | | | | | | | | | | | | 0 |

Member State Associate of the CGPM International organization

| Country | QM / 1 | QM / 2 | QM / 3 | QM / 4 | QM / 5 | QM / 6 | QM / 7 | QM / 8 | QM / 9 | QM / 10 | QM / 11 | QM / 12 | QM / 13 | QM / 14 | QM / 15 | Total by country for all metrology areas |
|---------------------------------------|------------|------------|------------|-------------|------------|------------|-----------|------------|-----------|------------|------------|-----------|------------|-----------|----------|--|
| Korea | 2 | 21 | 50 | 300 | | 5 | | | | 18 | 30 | | 4 | | | 934 |
| Latvia | | | | | | | | | | | | | | | | 0 |
| Lithuania | | | | | | | | | | | | | | | | 85 |
| Malaysia | | | | | | | | | | | | | | | | 155 |
| Malta | | | | | | | | | | | | | | | | 0 |
| Mexico | 53 | 31 | 66 | 15 | 9 | 8 | 1 | 11 | | 4 | 7 | | 71 | | | 501 |
| Moldova | | | | | | | | | | | | | | | | 0 |
| Netherlands, The | 17 | | | 220 | 2 | | | | | | 1 | | 4 | | | 827 |
| New-Zealand | | | | | | | | | | | | | | | | 197 |
| Norway | | | | | | | | | | | | | | | | 150 |
| Panama | | | | | | | | | | | | | | | | 26 |
| Paraguay | | | | | | | | | | | | | | | | 0 |
| Peru | | | | | | | | | | | | | | | | 0 |
| Philippines | | | | | | | | | | | | | | | | 0 |
| Poland | | | | 9 | | 13 | 2 | | | | | | | | | 463 |
| Portugal | | | | 20 | | | | | | | | | | | | 176 |
| Romania | | 1 | | | | | | | | | | | | | | 229 |
| Russia | 3 | 15 | 25 | 315 | 1 | 6 | 2 | 16 | | | 5 | | 4 | | | 1413 |
| Serbia | | | | | | | | | | | | | | | | 145 |
| Singapore | | | | | | | | | | | | | | | | 208 |
| Slovakia | 7 | 29 | | 19 | | 11 | 2 | | | | | | | | | 401 |
| Slovenia | | | | | | | | | | | | | | | | 246 |
| South Africa | | | 2 | 11 | | | | 4 | | | 2 | | 3 | | 1 | 345 |
| Spain | | | | 24 | | | | | | | | | | | | 479 |
| Sri Lanka | | | | | | | | | | | | | | | | 0 |
| Sweden | | | | | | | | | | | | | | | | 457 |
| Switzerland | | | | 8 | | | | | | | | | | | | 380 |
| Thailand | | | | | | 3 | | | | | | | | | | 381 |
| The FYR Macedonia | | | | | | | | | | | | | | | | 0 |
| Tunisia | | | | | | | | | | | | | | | | 0 |
| Turkey | | | | | | | | | | | | | | | | 440 |
| Ukraine | | | | 3 | | 3 | 3 | | | | | | | | | 102 |
| United Kingdom | 19 | 40 | 6 | 237 | 12 | | | 4 | 2 | 12 | 16 | 1 | 11 | | | 1231 |
| United States | 10 | 73 | 146 | 135 | 21 | 10 | 3 | | 9 | 208 | 117 | 35 | 205 | 14 | | 2271 |
| Uruguay | | | | | | | | | | | | | | | | 189 |
| Viet Nam | | | | | | | | | | | | | | | | 0 |
| WMO | | | | | | | | | | | | | | | | 0 |
| Total by Metrology Area | 305 | 346 | 381 | 1691 | 145 | 104 | 31 | 283 | 56 | 350 | 279 | 49 | 500 | 34 | 4 | Grand total 22936 |
| 4558 Total Chemistry | | | | | | | | | | | | | | | | |

Distribution of CMCs that are temporarily removed ("greyed-out") from the KCDB

| M | PR | EM | T | RI | L | AUV | QM | TF | Total |
|---|----|----|---|----|---|-----|----|----|-------|
|---|----|----|---|----|---|-----|----|----|-------|

COOMET

| | | | | | | | | | |
|----|---|--|--|--|--|--|--|--|---|
| KZ | 6 | | | | | | | | 6 |
|----|---|--|--|--|--|--|--|--|---|

Total COOMET: 6

AFRIMETS

| | | | | | | | | | |
|----|--|---|--|--|--|--|--|--|---|
| ZA | | 5 | | | | | | | 5 |
|----|--|---|--|--|--|--|--|--|---|

Total AFRIMETS: 5

EURAMET

| | | | | | | | | | |
|----|---|--|----|--|-----|---|---|--|-----|
| BG | | | | | | 1 | | | 1 |
| FR | 3 | | | | | | | | 3 |
| GR | 4 | | | | | | 8 | | 12 |
| LV | 7 | | 46 | | 143 | 6 | | | 202 |

Total EURAMET: 218

SIM

| | | | | | | | | | |
|----|----|---|----|----|----|--|--|---|-----|
| MX | 62 | 2 | 37 | | 1 | | | 7 | 109 |
| BR | | | | 11 | | | | | 11 |
| AR | | | | | 71 | | | | 71 |
| JM | 22 | | | | | | | | 22 |
| CA | | 9 | | | | | | | 9 |

Total SIM: 222

Total: 451
CMCs deleted

Status as on 12 May 2010

The BIPM key comparison database, KCDB

Legend:

| | |
|-------------|---|
| AUV | Acoustics, Ultrasound and Vibration |
| EM | Electricity and Magnetism |
| EM Matrices | Usage of the presentation in tables of uncertainty ranges |
| L | Length |
| M | Mass and Related Quantities |
| PR | Photometry and Radiometry |
| QM / 1 | Chemistry; High purity chemicals |
| QM / 2 | Chemistry; Inorganic solutions |
| QM / 3 | Chemistry; Organic solutions |
| QM / 4 | Chemistry; Gases |
| QM / 5 | Chemistry; Water |
| QM / 6 | Chemistry; pH |
| QM / 7 | Chemistry; Electrolytic conductivity |
| QM / 8 | Chemistry; Metal and metal alloys |
| QM / 9 | Chemistry; Advanced materials |
| QM / 10 | Chemistry; Biological fluids and materials |
| QM / 11 | Chemistry; Food |
| QM / 12 | Chemistry; Fuels |
| QM / 13 | Chemistry; Sediments, soils, ores, and particulates |
| QM / 14 | Chemistry; Other materials |
| QM / 15 | Chemistry; Surfaces, films, and engineered nanomaterials |
| RI(I) | Ionizing radiation; Dosimetry |
| RI(II) | Ionizing radiation; Radioactivity |
| RI(III) | Ionizing radiation; Neutron measurements |
| T | Thermometry |
| TF | Time and Frequency |

Note that one Chemical CMC involving n analytes measured in one matrix (multi-component CMC) is counted as n CMCs in the Tables above. The reason for this is that n values of uncertainties are given for this n -component CMC.