

ANNEX 3

List of indicators for the electronic publication

The electronic version of the MSTI publication contains, in addition to the indicators published in this volume, most of those which were published in the previous version of the publication before its revision. These are presented as of 1981.

1. Gross Domestic Expenditure on R&D – GERD (million national currency)
2. GERD (million current PPP \$)
3. GERD as a percentage of GDP
4. GERD – (million 2010 dollars – constant prices and PPP)
5. GERD – Compound annual growth rate (constant prices)
6. GERD per capita population (current PPP \$)
7. Estimated Civil GERD as a percentage of GDP
8. Basic research expenditure as a percentage of GDP
9. Total researchers (FTE)
10. Total researchers – Compound annual growth rate
11. Total researchers per thousand total employment
12. Total researchers per thousand labour force
13. Total R&D personnel (FTE)
14. Total R&D personnel – Compound annual growth rate
15. Total R&D personnel per thousand employment
16. Total R&D personnel per thousand labour force
17. Industry-financed GERD as a percentage of GDP
18. Government-financed GERD as a percentage of GDP
19. Percentage of GERD financed by industry
20. Percentage of GERD financed by government
21. Percentage of GERD financed by other national sources
22. Percentage of GERD financed by abroad
23. Percentage of GERD performed by the Business Enterprise sector
24. Percentage of GERD performed by the Higher Education sector
25. Percentage of GERD performed by the Government sector
26. Percentage of GERD performed by the Private Non Profit sector
27. Total researchers (headcount)
28. Women researchers (headcount)
29. Women researchers as a percentage of total researchers (headcount)
30. Business Enterprise Sector: Total researchers (headcount)
31. Business Enterprise Sector: Women researchers (headcount)

32. Business Enterprise Sector: Women researchers as a percentage of total researchers (headcount)
33. Government Sector: Total researchers (headcount)
34. Government Sector: Women researchers (headcount)
35. Government Sector: Women researchers as a percentage of total researchers (headcount)
36. Higher Education sector: Total researchers (headcount)
37. Higher Education sector: Women researchers (headcount)
38. Higher Education sector: Women researchers as a percentage of total researchers (headcount)
39. Business Enterprise Expenditure on R&D – BERD (million national currency)
40. BERD (million current PPP \$)
41. BERD as a percentage of GDP
42. BERD – (million 2010 dollars – constant prices and PPP)
43. BERD – Compound annual growth rate (constant prices)
44. BERD as a percentage of value added in industry
45. Business Enterprise researchers (FTE)
46. Business Enterprise researchers – Compound annual growth rate
47. Business Enterprise researchers as a percentage of national total
48. Business Enterprise researchers per thousand employment in industry
49. Total Business Enterprise R&D personnel (FTE)
50. Total Business Enterprise R&D personnel – Compound annual growth rate
51. Total Business Enterprise R&D personnel as a percentage of national total
52. Total Business Enterprise R&D personnel per thousand employment in industry
53. Industry financed BERD – (million 2010 dollars – constant prices and PPP)
54. Industry financed BERD – Compound annual growth rate (constant prices)
55. Industry financed BERD as a percentage of value added in industry
56. Percentage of BERD financed by industry
57. Percentage of BERD financed by government
58. Percentage of BERD financed by other national sources
59. Percentage of BERD financed by abroad
60. BERD performed in the pharmaceutical industry (million current PPP \$)
61. BERD performed in the computer, electronic and optical industry (million current PPP \$)
62. BERD performed in the aerospace industry (million current PPP \$)
63. BERD performed in service industries (million current PPP \$)
64. Percentage of BERD performed in the pharmaceutical industry
65. Percentage of BERD performed in the computer, electronic and optical industry
66. Percentage of BERD performed in the aerospace industry
67. Percentage of BERD performed in service industries
68. Higher Education Expenditure on R&D – HERD (million national currency)
69. HERD (million current PPP \$)
70. HERD as a percentage of GDP

71. HERD – (million 2010 dollars – constant prices and PPP)
72. HERD – Compound annual growth rate (constant prices)
73. Percentage of HERD financed by industry
74. Higher Education researchers (FTE)
75. Higher Education researchers – Compound annual growth rate
76. Higher Education researchers as a percentage of national total
77. Higher Education Total R&D personnel (FTE)
78. Higher Education Total R&D personnel – Compound annual growth rate
79. Government Intramural Expenditure on R&D – GOVERD (million national currency)
80. GOVERD (million current PPP \$)
81. GOVERD as a percentage of GDP
82. GOVERD – (million 2010 dollars – constant prices and PPP)
83. GOVERD – Compound annual growth rate (constant prices)
84. Percentage of GOVERD financed by industry
85. Government researchers (FTE)
86. Government researchers – Compound annual growth rate
87. Government researchers as a percentage of national total
88. Government Total R&D personnel (FTE)
89. Government Total R&D personnel – Compound annual growth rate
90. Total Government Budget Appropriations or Outlays for R&D – GBAORD (million national currency)
91. Total GBAORD (million current PPP \$)
92. Defence Budget R&D as a percentage of Total GBAORD
93. Civil Budget R&D as a percentage of Total GBAORD
94. Civil GBAORD for Economic Development programmes (million current PPP \$)
95. Civil GBAORD for Health and Environment programmes (million current PPP \$)
96. Civil GBAORD for Education and Society (million current PPP \$)
97. Civil GBAORD for Space programmes (million current PPP \$)
98. Civil GBAORD for Non oriented Research programmes (million current PPP \$)
99. Civil GBAORD for General University Funds (GUF) (million current PPP \$)
100. Economic Development programmes as a percentage of Civil GBAORD
101. Health and Environment programmes as a percentage of Civil GBAORD
102. Education and Society as a percentage of Civil GBAORD
103. Space programmes as a percentage of Civil GBAORD
104. Non oriented Research programmes as a percentage of Civil GBAORD
105. General University Funds (GUF) as a percentage of Civil GBAORD
106. R&D expenditure of foreign affiliates (million national currency)
107. R&D expenditure of foreign affiliates (million current PPP \$)
108. R&D expenditure of foreign affiliates as a percentage of R&D expenditures of enterprises
109. Number of “triadic” patent families (priority year)
110. Number of patent applications filed under the PCT(priority year)

111. Share of countries in “triadic” patent families (priority year)
112. Number of patents in the ICT sector – applications filed under the PCT (priority year)
113. Number of patents in the biotechnology sector – applications filed under the PCT (priority year)
114. Technology balance of payments: Receipts (million national currency)
115. Technology balance of payments: Payments (million national currency)
116. Technology balance of payments: Receipts (million current dollars)
117. Technology balance of payments: Payments (million current dollars)
118. Technology balance of payments: Payments as a percentage of GERD
119. Total exports: Pharmaceutical industry (million current dollars)
120. Total exports: Computer, electronic and optical industry (million current dollars)
121. Total exports: Aerospace industry (million current dollars)
122. Total imports: Pharmaceutical industry (million current dollars)
123. Total imports: Computer, electronic and optical industry (million current dollars)
124. Total imports: Aerospace industry (million current dollars)
125. Trade Balance: Pharmaceutical industry (million current dollars)
126. Trade Balance: Computer, electronic and optical industry (million current dollars)
127. Trade Balance: Aerospace industry (million current dollars)
128. Export market share: Pharmaceutical industry
129. Export market share: Computer, electronic and optical industry
130. Export market share: Aerospace industry
131. Implicit GDP Price Indices (2010 = 1.00)
132. Exchange Rates (national currency per dollar)
133. Purchasing Power Parity (national currency per dollar)
134. Gross Domestic Product (million national currency)
135. Gross Domestic Product (million current PPP\$)
136. Value Added of Industry (million national currency)
137. Value Added of Industry (million current PPP\$)
138. Population (thousands)
139. Labour Force (thousands)
140. Total Employment (thousands)
141. Industrial Employment (thousands)



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