

Table 7. Total researchers in full-time equivalent

FTE

| | 2005 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------|
| Australia | .. | .. | .. | .. | .. | .. | .. |
| Austria | 28 470 ^{d,e} | 42 627 ^{d,e} | 43 562 ^d | 46 993 ^{d,e} | 47 521 ^d | 50 484 ^{d,p} | 52 794 ^d |
| Belgium | 33 146 | 50 820 | 53 178 ^b | 54 280 ^e | 54 010 | 57 456 | 60 619 |
| Canada | 136 700 | 161 982 ^b | 162 960 | 158 980 | 162 450 | 167 440 | .. |
| Chile | .. | 7 585 ^d | 8 175 ^d | 8 985 ^d | 9 099 ^d | 9 205 ^{d,p} | .. |
| Colombia | .. | .. | .. | .. | .. | .. | .. |
| Czech Republic | 24 169 ^b | 36 040 | 38 081 | 37 338 | 39 181 | 41 198 | 42 500 |
| Denmark | 28 179 | 41 409 | 42 826 | 44 815 | 43 966 | 43 924 | 44 671 ^p |
| Estonia | 3 331 | 4 324 | 4 187 | 4 338 | 4 674 | 4 968 | 4 995 |
| Finland | 39 582 | 38 281 | 37 516 | 35 908 | 37 047 | 37 891 | 39 984 |
| France | 202 507 | 271 772 ^b | 277 631 | 285 488 | 295 754 ^p | 305 243 ^p | 314 101 ^e |
| Germany | 272 148 | 351 923 | 387 982 | 399 605 | 419 617 | 433 685 | 450 697 |
| Greece | 19 593 ^d | 29 877 ^d | 34 708 ^d | 29 403 ^d | 35 000 ^d | 36 688 ^d | 39 077 ^d |
| Hungary | 15 878 | 26 213 | 25 316 | 25 804 | 28 426 | 37 606 ^d | 39 295 ^d |
| Iceland | 2 155 | .. | 1 944 ^b | .. | 2 050 | .. | .. |
| Ireland | 11 587 | 24 543 ^e | 24 521 ^e | 24 316 ^e | 25 673 ^e | 25 265 ^e | 25 892 |
| Israel ¹ | .. | .. | .. | .. | .. | .. | .. |
| Italy | 82 489 ^d | 118 183 ^d | 125 875 ^d | 133 706 ^{b,d} | 140 378 ^d | 152 523 ^d | 160 824 ^d |
| Japan | 680 631 ^d | 682 935 ^d | 662 071 ^d | 665 566 ^d | 676 292 ^d | 678 134 ^{b,d} | 681 821 ^d |
| Korea | 179 812 ^d | 345 463 | 356 447 | 361 292 | 383 100 | 408 370 | 430 690 |
| Latvia | 3 282 ^d | 3 748 ^d | 3 613 ^d | 3 152 ^d | 3 482 ^d | 3 456 ^d | 3 632 ^d |
| Lithuania | 7 637 | 9 075 | 8 167 | 8 525 | 8 741 | 8 938 | 9 630 |
| Luxembourg | 2 227 | 2 629 | 2 610 | 2 767 | 2 936 | 2 863 | 2 942 ^{e,p} |
| Mexico | 43 922 | 31 315 | 34 282 | 38 883 | 39 125 ^e | 39 189 ^e | 41 745 ^e |
| Netherlands | 47 854 | 83 710 | 83 488 | 87 612 | 91 023 | 95 475 | 97 713 |
| New Zealand | 12 986 | .. | 25 000 | .. | 24 000 | .. | 28 000 |
| Norway | 21 200 | 29 237 | 30 632 | 31 913 | 33 632 | 34 337 | 35 898 |
| Poland | 62 162 | 78 622 | 82 594 | 88 165 | 114 585 ^d | 117 789 ^d | 120 780 ^d |
| Portugal | 21 126 | 38 155 | 38 672 | 41 349 | 44 938 | 47 652 | 50 166 |
| Slovak Republic | 10 921 ^d | 14 742 ^d | 14 406 ^d | 14 149 ^d | 15 226 ^d | 16 337 ^d | 16 977 ^d |
| Slovenia | 5 253 | 8 574 | 7 900 | 8 119 | 9 301 ^d | 10 068 ^d | 10 507 ^d |
| Spain | 109 720 | 122 235 ^d | 122 437 ^d | 126 633 ^d | 133 213 ^d | 140 120 ^d | 143 974 ^d |
| Sweden | 55 001 ^{b,e} | 66 643 ^e | 66 734 ^e | 70 372 ^e | 73 132 | 75 151 ^e | 77 629 |
| Switzerland | .. | .. | 43 740 | .. | 46 088 | .. | .. |
| Turkey | 39 139 | 89 657 | 95 161 | 100 158 | 111 893 | 126 249 | 135 515 |
| United Kingdom | 248 599 ^{b,e} | 276 584 ^e | 284 483 | 288 922 ^e | 295 934 ^e | 305 795 ^e | 317 472 ^{p,s} |
| United States | 1 104 019 ^e | 1 340 689 ^e | 1 370 627 ^e | 1 373 551 ^e | 1 435 905 ^e | 1 554 900 ^e | .. |
| EU27 (from 01/02/2020) | 1 126 163 ^e | 1 503 435 ^e | 1 565 747 ^e | 1 616 029 ^e | 1 710 326 ^e | 1 788 623 ^e | 1 854 755 ^e |
| OECD-Total | 3 712 874^e | 4 678 127^e | 4 786 149^e | 4 862 288^e | 5 085 172^e | 5 346 699^e | .. |
| Argentina | 31 868 | 51 665 | 52 970 | 54 805 | 53 184 | 54 307 | 55 114 |
| China | 1 118 698 ^d | 1 524 280 | 1 619 028 | 1 692 176 | 1 740 442 | 1 866 109 | 2 109 460 |
| Romania | 22 958 | 18 109 | 17 459 | 18 046 | 17 518 | 17 213 | 17 350 |
| Russian Federation | 464 577 | 444 865 | 449 180 | 428 884 | 410 617 | 405 772 | 400 663 |
| Singapore | 23 789 | 36 647 | 39 182 | 39 207 | 38 898 | 39 272 | .. |
| South Africa | 17 303 | 23 572 | 26 159 | 27 656 | 29 515 | .. | .. |
| Chinese Taipei | 88 859 | 142 458 | 144 836 | 147 141 | 149 886 | 153 998 | 159 160 |

Note: Detailed metadata:<http://metalinks.oecd.org/msti/20210922/b090>

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1. Information on data for Israel:<http://dx.doi.org/10.1787/888932315602>

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