

May 2018 – SeaDataCloud catalogues follow-up

All documents used to write this report are available on the extranet of the project under [SeaDataCloud > Follow up](#).

Statistics on all catalogues

In May 2018, global increases on catalogues :

- **CDI (Data)** : **+14 243,**
- **CSR (Cruises)** : **+74,**
- **EDMO (Marine organisations)** : **+16,**
- **EDMERP (Projects)** : **+4,**

and no change or decrease for

- **EDMED (Data sets)** : **0,** and
- **EDIOS-PRG (Programmes)** : **-45.**

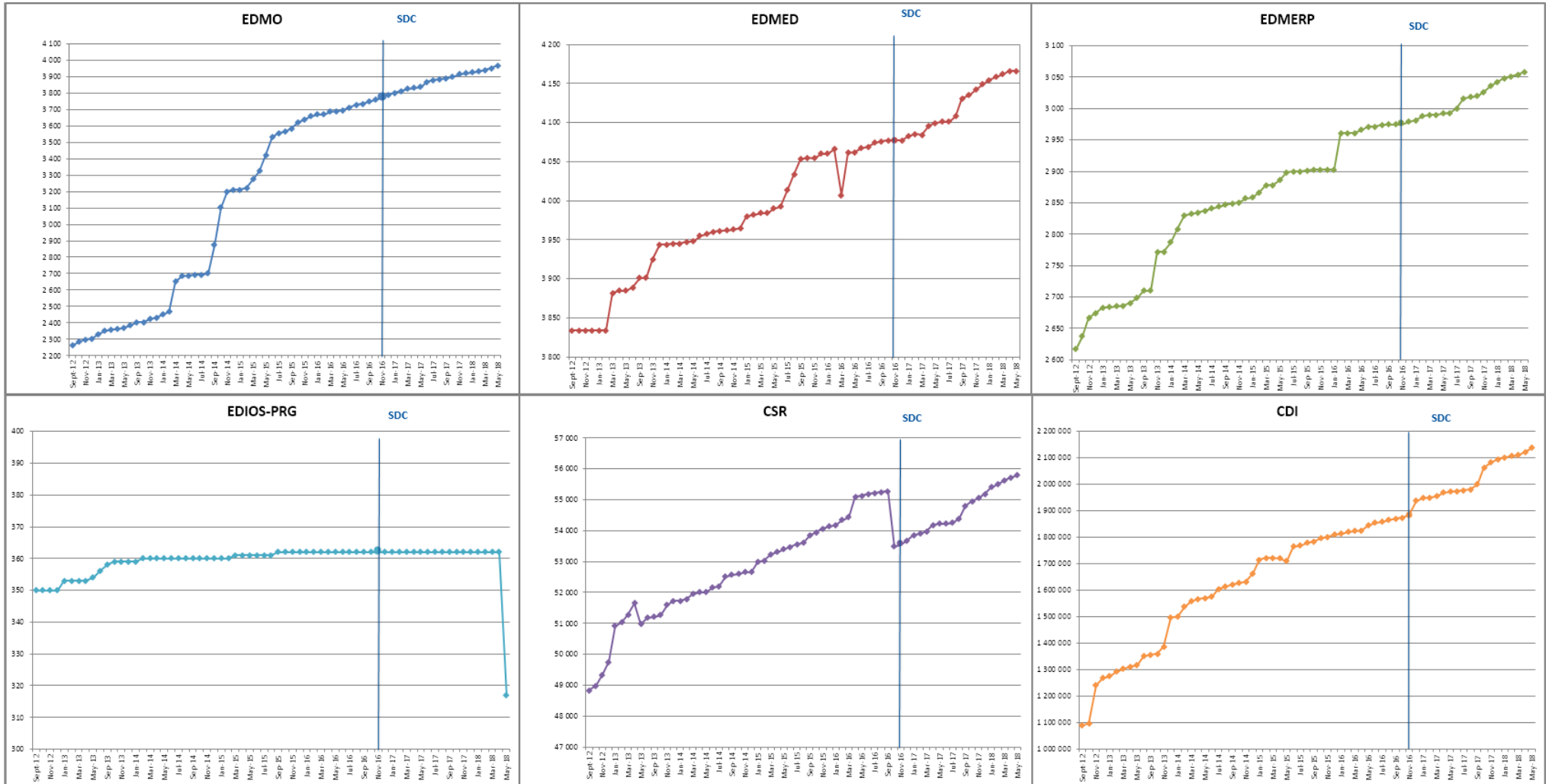
Explanation for this decrease still have to be investivated by MARIS and BODC.

Since the beginning of SeaDataCloud :

| Catalogue | May-18 | Apr-18 | Mar-18 | Feb-18 | Jan-18 | Dec-17 | Nov-17 | Oct-17 | Sep-17 | Aug-17 | Jul-17 | Jun-17 | Beginning | Increase* |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| EDMO | 3 968 | 3 952 | 3 940 | 3 931 | 3 927 | 3 920 | 3 915 | 3 899 | 3 891 | 3 886 | 3 880 | 3 869 | 3 758 | 210 |
| EDMED | 4 166 | 4 166 | 4 162 | 4 158 | 4 154 | 4 149 | 4 142 | 4 135 | 4 131 | 4 108 | 4 101 | 4 101 | 4 077 | 89 |
| EDMERP | 3 058 | 3 054 | 3 051 | 3 048 | 3 042 | 3 036 | 3 026 | 3 020 | 3 018 | 3 016 | 3 000 | 2 993 | 2 975 | 83 |
| EDIOS-PRG | 317 | 362 | 362 | 362 | 362 | 362 | 362 | 362 | 362 | 362 | 362 | 362 | 362 | -45 |
| CSR | 55 783 | 55 709 | 55 630 | 55 485 | 55 399 | 55 178 | 55 052 | 54 949 | 54 795 | 54 387 | 54 250 | 54 217 | 53 484 | 2 299 |
| CDI | 2 137 067 | 2 122 824 | 2 110 688 | 2 106 680 | 2 101 090 | 2 093 605 | 2 081 618 | 2 063 832 | 2 000 402 | 1 980 818 | 1 977 738 | 1 974 509 | 1 873 823 | 263 244 |

(*) Increase since beginning of SeaDataCloud (01/11/2016)

Nb of EDMO, EDMED, EDMERP, EDIOS, CSR and CDI per month



Statistics on CDI catalogue

Details of last month upgrades per partners are the following:

| CDI partner | Country | Last increase |
|--------------|--------------------|---------------|
| AU-DMU | Denmark | 1 539 |
| CNRS/MIO | France | 59 |
| HCMR | Greece | 1 204 |
| ICES | Denmark | 4 718 |
| IEO | Spain | 243 |
| IFREMER | France | 19 |
| IO-BAS | Bulgaria | 116 |
| MI | Ireland | 3 |
| OGS | Italy | 2 990 |
| ORION | Cyprus | 25 |
| RBINS | Belgium | 155 |
| RIHMI-WDC | Russian Federation | 703 |
| SYKE | Finland | 2 092 |
| TSU-DNA | Georgia | 18 |
| VLIZ | Belgium | 99 |
| TOTAL | | 13 983 |

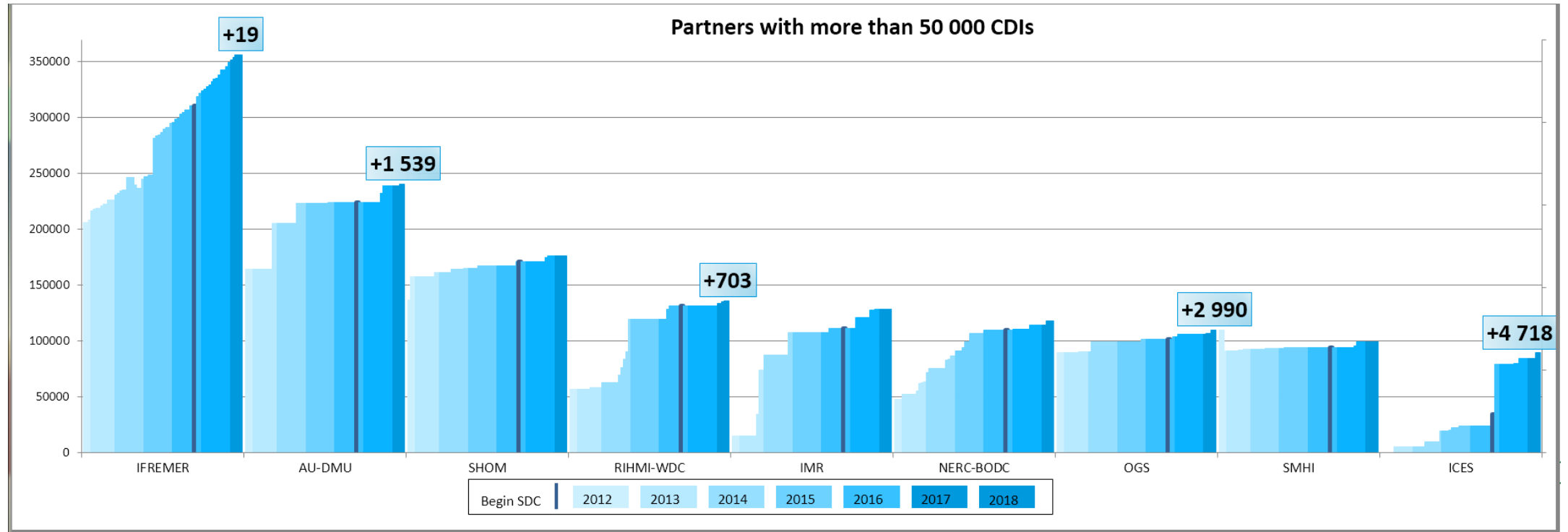
- 15 SeaDataCloud partners have input data in the CDI catalogue, for a total increase of **+13 983 records**,
- 5 other partners, not in the SeaDataCloud consortium, have worked for an increase of **+260 records**

Since the beginning of the follow-up reports (October 2012), the increase in CDI since start SDC (November 2016), between end SDN2 (September 2015) and start SDC, increase since SDN2, per partner, is the following: Note that for SMHI and SIO-RAS the negative increase since start SDN2 is due to the change in their time series management (SMHI), the change of data owner and the remove of incorrect records (SIO-RAS). The new owner is SOI, not in the SeaDataCloud consortium).

| CDI partner | Name of partner | Country | Nb 04/06/2018 | Increase since start SDC | Increase between SDN2 and SDC | Increase since start SDN2 |
|---------------------|--|--------------------|------------------|--------------------------------|-------------------------------------|---------------------------------|
| INSTM | Institut National des Sciences et Technologies de la Mer | Tunisia | 952 | -17 | 0 | 952 |
| CSIC | Consejo Superior de Investigaciones Cientificas | Spain | 4 | -1 | 1 | 4 |
| GEOMAR | Helmholtz Centre for Ocean Research Kiel | Germany | 0 | 0 | 0 | - |
| IOPAN | IOPAN | Poland | 18 | 0 | 0 | 18 |
| IMGW | Instytut Meteorologii i Gosodarki Wodnej | Poland | 13 110 | 0 | 1 770 | 13 110 |
| CNRS/OSU-SBR | Roscoff Marine Station, Sorbonne Universités, UPMC Univ Paris 06 and CNRS | France | 2 | 2 | 0 | 2 |
| ORION | ORION Joint Research and Development Center | Cyprus | 25 | 25 | 0 | 25 |
| CNRS/MIO | CNRS/Mediterranean Institute of Oceanography-LUMINY (MIO)-UMR 7294,235,110 | France | 67 | 67 | 0 | 67 |
| TSU-DNA | Iv.Javakishvili Tbilisi State University | Georgia | 1 038 | 86 | 34 | 143 |
| IOF | Institute of Oceanography and Fisheries | Croatia | 2 320 | 87 | 490 | 744 |
| SIO-RAS | P.P.Shirshov Institute of Oceanology-RAS | Russian Federation | 10 601 | 160 | 482 | -28 222 |
| IMBK | Institute of Marine Biology (IMBK) | Montenegro | 887 | 181 | 647 | 865 |
| ENEA | ENEA Centro Ricerche Ambiente Marino - La Spezia | Italy | 9 279 | 190 | 284 | 1 205 |
| NIOZ | NIOZ Royal Netherlands Institute for Sea Research | Netherlands | 6 329 | 199 | 46 | 1 700 |
| VLIZ | Flanders Marine Institute | Belgium | 3 782 | 210 | 74 | 2 163 |
| IHPT | IHPT, Hydrographic institute | Portugal | 6 553 | 220 | 1 713 | 5 648 |
| CNR | CNR - Institute of Atmospheric Sciences and Climate (ISAC) (Rome) | Italy | 552 | 299 | 0 | 552 |
| UOM | University Of Malta | Malta | 1 433 | 408 | 393 | 805 |
| NIB | National Institute of Biology - NIBMarine Biology Station | Slovenia | 8 087 | 425 | 287 | 3 967 |
| UkrSCES | Ukrainian scientific center of Ecology of Sea (UkrSCES) | Ukraine | 6 114 | 470 | 267 | 6 114 |
| IO-BAS | Bulgarian National Oceanographic Data Centre(BGODC) | Bulgaria | 4 094 | 615 | 273 | 1 786 |
| BSH-DOD | German Oceanographic Datacentre (NODC) | Germany | 40 195 | 748 | 465 | 22 917 |
| LHEI | Latvian Institute of Aquatic Ecology | Latvia | 4 344 | 860 | 536 | 4 037 |
| MSI | Marine Systems Institute at Tallinn University of Technology | Estonia | 27 385 | 911 | -3 | 14 388 |
| NIMRD | National Institute for Marine Research and Development Grigore Antipa | Romania | 8 259 | 1 369 | 602 | 4 005 |
| RBINS | Royal Belgian Institute of Natural Sciences | Belgium | 13 751 | 1 422 | 0 | 2 218 |
| IOLR | Israel Oceanographic and Limnological Research (IOLR) | Israel | 7 310 | 1 578 | 333 | 2 237 |

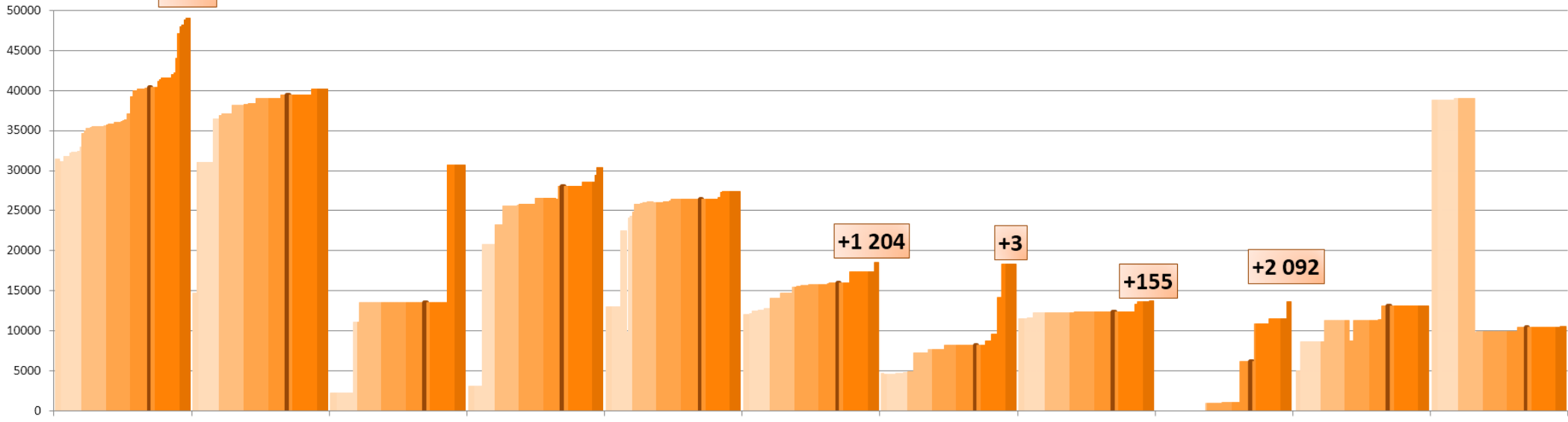
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|------------------|--|--------------------|------------------|----------------|---------------|----------------|
| MRI | Marine Research Institute (MRI) | Iceland | 7 911 | 1 997 | 0 | 4 087 |
| METU-IMS | Institute of Marine Sciences, Middle East Technical University | Turkey | 30 366 | 2 349 | 2 222 | 27 284 |
| HCMR | Hellenic Centre for Marine Research | Greece | 18 552 | 2 563 | 260 | 6 528 |
| SHOM | Shom | France | 175 959 | 4 625 | 3 754 | 169 536 |
| RIHMI-WDC | All-Russia Research Institute of Hydrometeorological Information - World Data Centre | Russian Federation | 135 974 | 4 642 | 12 003 | 78 849 |
| SMHI | Swedish Meteorological and Hydrological Institute | Sweden | 99 691 | 5 405 | 0 | -9 836 |
| SYKE | Finnish Environment Institute | Finland | 13 627 | 7 420 | 5 162 | 13 627 |
| NERC-BODC | British Oceanographic Data Centre | United Kingdom | 118 181 | 8 178 | 2 973 | 70 124 |
| OGS | OGS (Istituto Nazionale di Oceanografia e di Geofisica Sperimentale) | Italy | 109 902 | 8 355 | 1 922 | 20 304 |
| IEO | IEO/Spanish Oceanographic Institute | Spain | 49 008 | 8 652 | 4 265 | 17 593 |
| MI | Marine Institute | Ireland | 18 352 | 10 103 | 0 | 13 651 |
| AU-DMU | Aarhus University | Denmark | 240 858 | 16 903 | 609 | 76 704 |
| IMR | Institute of Marine Research - Norwegian Marine Data Centre (NMD) | Norway | 128 587 | 16 950 | 3 808 | 113 794 |
| FMI | Finnish Meteorological Institute | Finland | 30 682 | 17 182 | 0 | 28 471 |
| IFREMER | IFREMER / IDM/SISMER | France | 356 541 | 45 784 | 24 240 | 150 342 |
| ICES | International Council for the Exploration of the Sea (ICES) | Denmark | 89 440 | 65 269 | 369 | 89 440 |
| | | TOTAL | 1 803 642 | 236 891 | 70 300 | 933 913 |

CDIs number per month and per partners



Partners with 10 000 < CDIs < 50 000

+243



Begin SDC | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018

IEO

BSH-DOD

FMI

METU-IMS

MSI

HCMR

MI

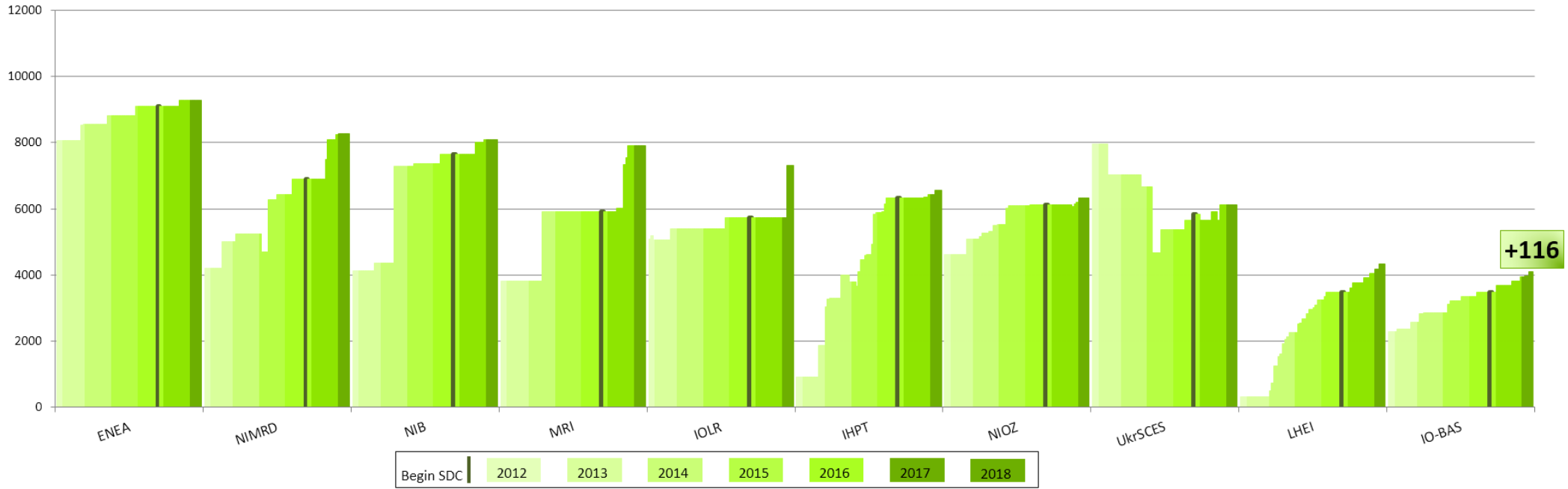
RBINS

SYKE

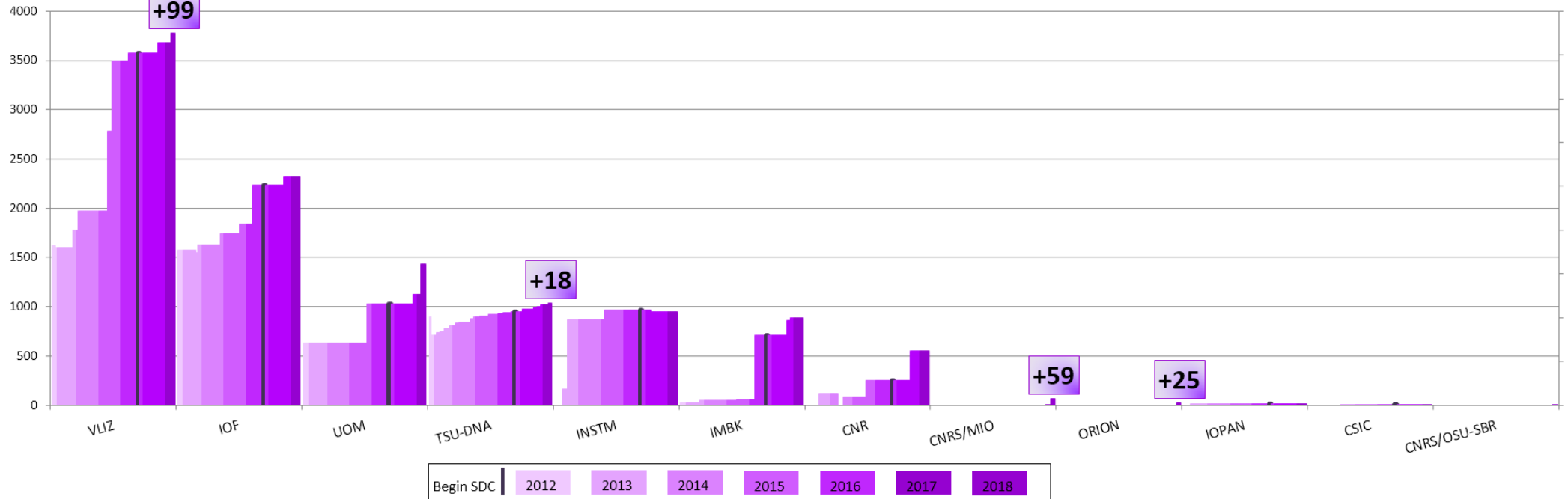
IMGW

SIO-RAS

Partners with 4 000 < CDI entries < 10 000



Partners with less than 4 000 CDI entries



Statistics on CSR harvesting

The CSR automatic harvesting result for this month is 23 new records and 13 updates .

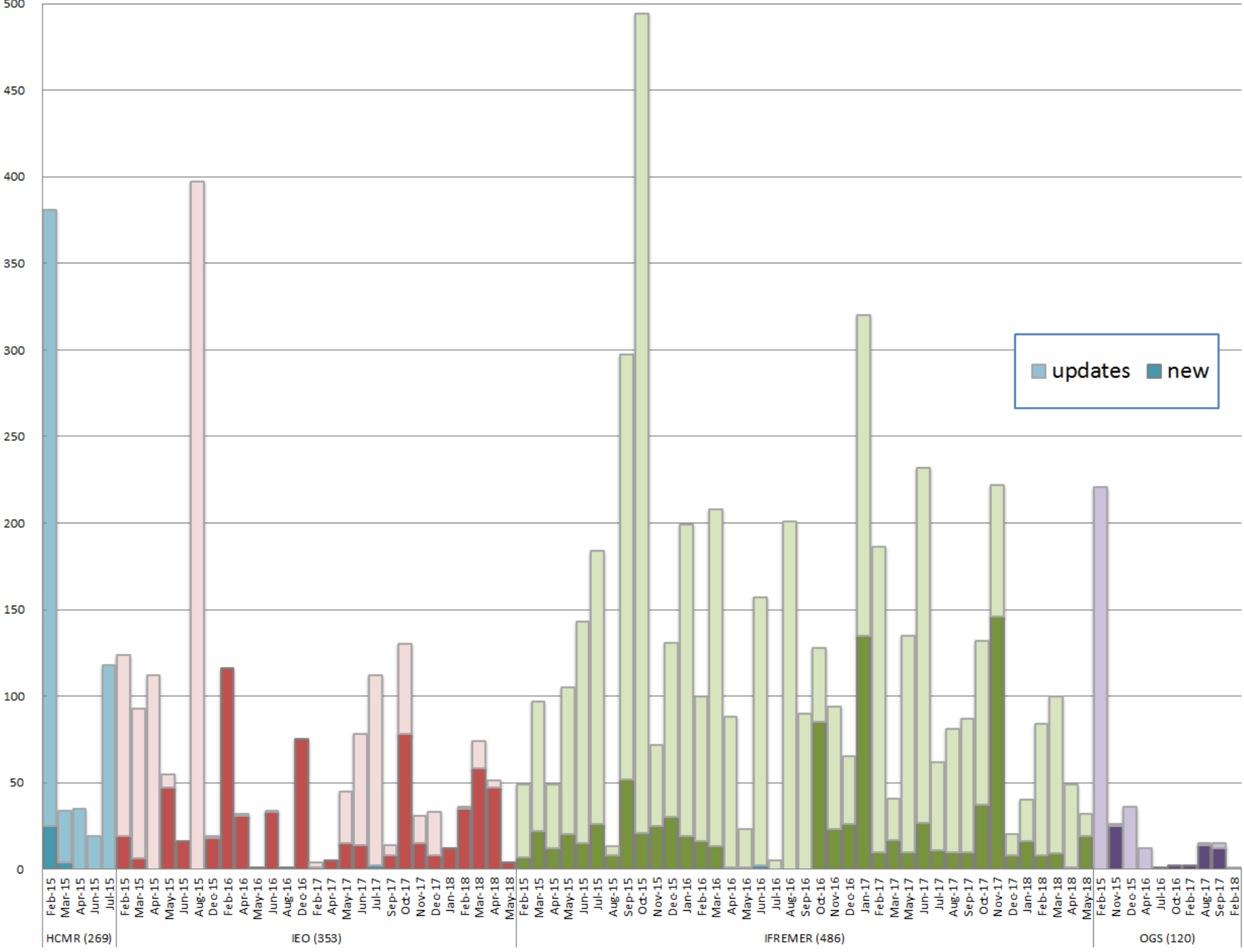
Details of harvesting per centre are the following:

| Centre | Date | New | Update |
|---------------|------------|-----------|-----------|
| IEO (353) | 01/05/2018 | 1 | |
| IEO (353) | 08/05/2018 | 1 | |
| IFREMER (486) | 08/05/2018 | 1 | 1 |
| IEO (353) | 15/05/2018 | 1 | |
| IFREMER (486) | 15/05/2018 | | 1 |
| IFREMER (486) | 22/05/2018 | 16 | 6 |
| IEO (353) | 29/05/2018 | 1 | |
| IFREMER (486) | 29/05/2018 | 2 | 5 |
| Total | | 23 | 13 |

HCMR and OGS had no CSR creations or updates during this month.

The graph below shows the CSR harvesting inputs since beginning of 2015:

CSR harvesting inputs



History

Global counts on all catalogues in 2017

| Catalogue | Jan-17 | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17 |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| EDMO | 3 802 | 3 812 | 3 826 | 3 832 | 3 838 | 3 869 | 3 880 | 3 886 | 3 891 | 3 899 | 3 915 | 3 920 |
| EDMED | 4 082 | 4 085 | 4 084 | 4 096 | 4 099 | 4 101 | 4 101 | 4 108 | 4 131 | 4 135 | 4 142 | 4 149 |
| EDMERP | 2 981 | 2 988 | 2 990 | 2 990 | 2 992 | 2 993 | 3 000 | 3 016 | 3 018 | 3 020 | 3 026 | 3 036 |
| EDIOS-PRG | 362 | 362 | 362 | 362 | 362 | 362 | 362 | 362 | 362 | 362 | 362 | 362 |
| CSR | 53 850 | 53 892 | 53 974 | 54 175 | 54 218 | 54 217 | 54 250 | 54 387 | 54 795 | 54 949 | 55 052 | 55 178 |
| CDI | 1 947 452 | 1 949 991 | 1 955 483 | 1 968 060 | 1 971 285 | 1 974 509 | 1 977 738 | 1 980 818 | 2 000 402 | 2 063 832 | 2 081 618 | 2 093 605 |

Global counts on all catalogues in 2016

| Catalogue | Jan-16 | Feb-16 | Mar-16 | Apr-16 | May-16 | Jun-16 | Jul-16 | Aug-16 | Sep-16 | Oct-16 | Nov-16 | Dec-16 |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| EDMO | 3 671 | 3 670 | 3 686 | 3 691 | 3 695 | 3 712 | 3 730 | 3 733 | 3 747 | 3 758 | 3 775 | 3 791 |
| EDMED | 4 060 | 4 066 | 4 007 | 4 061 | 4 062 | 4 067 | 4 069 | 4 074 | 4 076 | 4 077 | 4 077 | 4 077 |
| EDMERP | 2 903 | 2 961 | 2 961 | 2 961 | 2 966 | 2 971 | 2 971 | 2 974 | 2 975 | 2 975 | 2 975 | 2 979 |
| EDIOS-PRG | 362 | 362 | 362 | 362 | 362 | 362 | 362 | 362 | 362 | 362 | 362 | 362 |
| CSR | 54 182 | 54 339 | 54 422 | 55 100 | 55 119 | 55 178 | 55 216 | 55 238 | 55 264 | 53 484 | 53 537 | 53 669 |
| CDI | 1 813 947 | 1 819 492 | 1 824 402 | 1 825 957 | 1 844 660 | 1 854 787 | 1 858 162 | 1 864 378 | 1 869 790 | 1 873 823 | 1 884 034 | 1 936 759 |

Global counts on all catalogues in 2015

| Catalogue | Jan-15 | Feb-15 | Mar-15 | Apr-15 | May-15 | Jun-15 | Jul-15 | Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| EDMO | 3 210 | 3 223 | 3 275 | 3 324 | 3 422 | 3 532 | 3 556 | 3 564 | 3 583 | 3 619 | 3 639 | 3 659 |
| EDMED | 3 980 | 3 982 | 3 984 | 3 984 | 3 990 | 3 992 | 4 014 | 4 034 | 4 053 | 4 055 | 4 054 | 4 060 |
| EDMERP | 2 858 | 2 866 | 2 878 | 2 878 | 2 886 | 2 898 | 2 900 | 2 900 | 2 901 | 2 903 | 2 903 | 2 903 |
| EDIOS-PRG | 360 | 360 | 361 | 361 | 361 | 361 | 361 | 361 | 362 | 362 | 362 | 362 |
| CSR | 52 977 | 53 028 | 53 238 | 53 304 | 53 400 | 53 463 | 53 553 | 53 602 | 53 836 | 53 938 | 54 057 | 54 135 |
| CDI | 1 714 285 | 1 721 708 | 1 721 604 | 1 720 724 | 1 709 958 | 1 764 762 | 1 767 715 | 1 779 199 | 1 784 327 | 1 796 791 | 1 800 648 | 1 809 541 |

Global counts on all catalogues in 2014

| Catalogue | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| EDMO | 2 451 | 2 467 | 2 651 | 2 685 | 2 688 | 2 692 | 2 693 | 2 701 | 2 875 | 3 103 | 3 199 | 3 212 |
| EDMED | 3 944 | 3 945 | 3 945 | 3 947 | 3 948 | 3 955 | 3 957 | 3 960 | 3 961 | 3 962 | 3 963 | 3 965 |
| EDMERP | 2 787 | 2 808 | 2 830 | 2 832 | 2 834 | 2 837 | 2 841 | 2 844 | 2 847 | 2 849 | 2 850 | 2 857 |
| EDIOS-PRG | 359 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 |
| CSR | 51 724 | 51 788 | 51 941 | 52 012 | 52 012 | 52 151 | 52 190 | 52 506 | 52 566 | 52 603 | 52 650 | 52 657 |
| CDI | 1 498 793 | 1 537 556 | 1 558 428 | 1 566 528 | 1 569 847 | 1 575 035 | 1 604 916 | 1 612 514 | 1 621 749 | 1 626 904 | 1 631 984 | 1 662 548 |

Global counts on all catalogues in 2012/2013

| Catalogue | Sept-12 | Oct-12 | Nov-12 | Dec-12 | Jan-13 | Feb-13 | Mar-13 | Apr-13 | May-13 | Aug-13 | Sep-13 | Oct-13 | Nov-13 | Dec-13 |
|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| EDMO | 2 261 | 2 283 | 2 296 | 2 304 | 2 330 | 2 351 | 2 359 | 2 362 | 2 370 | 2 384 | 2 404 | 2 404 | 2 423 | 2 431 |
| EDMED | 3 834 | 3 834 | 3 834 | 3 834 | 3 834 | 3 834 | 3 882 | 3 885 | 3 885 | 3 889 | 3 901 | 3 901 | 3 925 | 3 944 |
| EDMERP | 2 617 | 2 637 | 2 667 | 2 674 | 2 683 | 2 684 | 2 685 | 2 686 | 2 690 | 2 698 | 2 710 | 2 710 | 2 772 | 2 772 |
| EDIOS-PRG | 350 | 350 | 350 | 350 | 353 | 353 | 353 | 353 | 354 | 356 | 358 | 359 | 359 | 359 |
| CSR | 48 824 | 48 975 | 49 326 | 49 750 | 50 917 | 51 033 | 51 276 | 51 647 | 50 973 | 51 181 | 51 207 | 51 259 | 51 588 | 51 730 |
| CDI | 1 088 322 | 1 097 399 | 1 241 010 | 1 267 669 | 1 274 982 | 1 291 491 | 1 302 629 | 1 311 827 | 1 317 191 | 1 350 455 | 1 356 245 | 1 360 236 | 1 386 446 | 1 496 950 |