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RESEARCH AND DEVELOPMENT, 2021

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CORRECTION**

In the First Release ZTI-2022-2-1 Research and Development, of 31 October 2022, in table 2 Gross Domestic Expenditure on R&D, by Sectors and Types of Expenditures, 2021 and table 5 R&D Personnel, by Type of Employment, Sectors, Occupation in R&D and Sex, 2021, an error occurred during data transmission.

Therefore, users are kindly asked to use the corrected tables attached here.

Thank you for your understanding.

2 GROSS DOMESTIC EXPENDITURE ON R&D, BY SECTORS AND TYPES OF EXPENDITURES, 2021

Thousand kuna

	Gross domestic expenditure	Capital expenditures	Current expenditures		
			Total	Labour costs	Other current costs
Sectors – total	5 459 426	801 412	4 658 014	3 412 286	1 245 728
Business enterprise sector	2 539 681	263 656	2 276 025	1 502 822	773 203
Government and private non-profit sector	1 154 291	254 350	899 941	671 392	228 549
Higher education	1 765 454	283 406	1 482 048	1 238 072	243 976

5 R&D PERSONNEL, BY TYPE OF EMPLOYMENT, SECTORS, OCCUPATION IN R&D AND SEX, 2021

	Total		Researchers		Expert associates		Technicians		Other supporting staff	
	All	Women	All	Women	All	Women	All	Women	All	Women
Headcount										
Total R&D personnel	27 424	13 247	16 879	8 230	5 430	2 291	2 794	1 193	2 321	1 533
Business enterprise sector	8 637	2 726	3 119	952	3 171	993	1 694	512	653	269
Government and private non-profit sector	4 646	2 741	2 949	1 675	797	484	415	247	485	335
Higher education	14 141	7 780	10 811	5 603	1 462	814	685	434	1 183	929
Persons working on employment contract basis	25 558	12 280	15 673	7 612	4 921	2 006	2 697	1 168	2 267	1 494
Business enterprise sector	8 428	2 676	3 041	932	3 109	978	1 631	500	647	266
Government and private non-profit sector	4 269	2 561	2 704	1 558	708	448	407	245	450	310
Higher education	12 861	7 043	9 928	5 122	1 104	580	659	423	1 170	918
Persons hired under contractual agreement or author's contract	1 866	967	1 206	618	509	285	97	25	54	39
Business enterprise sector	209	50	78	20	62	15	63	12	6	3
Government and private non-profit sector	377	180	245	117	89	36	8	2	35	25
Higher education	1 280	737	883	481	358	234	26	11	13	11
Full-time equivalent (FTE)										
Total R&D personnel	16 528,2	7 800,4	9 507,7	4 589,7	3 988,8	1 558,7	1 739,2	808,0	1 292,5	844,0
Business enterprise sector	6 614,7	2 221,6	2 508,9	812,0	2 673,1	865,6	1 066,6	387,2	366,1	156,8
Government and private non-profit sector	3 531,3	2 117,6	2 136,2	1 238,7	599,3	365,5	368,8	218,8	427,0	294,6
Higher education	6 382,2	3 461,2	4 862,6	2 539,0	716,4	327,6	303,8	202,0	499,4	392,6
Persons working on employment contract basis	15 884,5	7 474,0	9 089,7	4 372,3	3 818,5	1 476,1	1 711,4	799,9	1 264,9	825,7
Business enterprise sector	6 524,7	2 204,1	2 475,4	805,4	2 632,5	857,6	1 052,1	385,2	364,7	155,9
Government and private non-profit sector	3 373,3	2 032,0	2 028,4	1 179,7	579,5	356,4	362,5	216,8	402,9	279,1
Higher education	5 986,5	3 237,9	4 585,9	2 387,2	606,5	262,1	296,8	197,9	497,3	390,7
Persons hired under contractual agreement or author's contract	643,7	326,4	418,0	217,4	170,3	82,6	27,8	8,1	27,6	18,3
Business enterprise sector	90,0	17,5	33,5	6,6	40,6	8,0	14,5	2,0	1,4	0,9
Government and private non-profit sector	158,0	85,6	107,8	59,0	19,8	9,1	6,3	2,0	24,1	15,5
Higher education	395,7	223,3	276,7	151,8	109,9	65,5	7,0	4,1	2,1	1,9

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