

Research and development expenditure in the high-tech sector (thousand EUR)

Classification	R&D expenditure				Share of high-tech sector in total R&D expenditure in %			
	2020	2021	2022	2023	2020	2021	2022	2023
SR total								
High-tech total	346 344	346 193	387 613	452 300	41,28	37,70	36,06	35,34
High-tech manufacturing	9 607	10 365	9 494	14 708	1,15	1,13	0,88	1,15
High-tech services	336 737	335 827	378 119	437 592	40,14	36,57	35,17	34,19
					% of total high-tech sector			
By origin of predominant capital								
Private domestic	89 152	95 318	111 732	130 859	25,74	27,53	28,83	28,93
Cooperative	D	D	D	D	D	D	D	D
State	135 840	141 788	148 754	174 967	39,22	40,96	38,38	38,68
Foreign	106 407	92 035	109 898	127 198	30,72	26,58	28,35	28,12
International - private	D	D	D	D	D	D	D	D
By number of employees								
0-9	8 002	6 353	6 903	8 910	2,31	1,83	1,78	1,97
10-49	59 706	69 451	72 964	83 804	17,24	20,06	18,82	18,53
50-249	173 612	177 877	207 322	237 335	50,13	51,38	53,49	52,47
250 and more	105 024	92 512	100 424	122 250	30,32	26,72	25,91	27,03
By Region								
Region Bratislava	230 773	241 591	276 888	347 539	66,63	69,79	71,43	76,84
Region Trnava	10 585	11 397	12 416	16 595	3,06	3,29	3,20	3,67
Region Trenčín	3 341	4 959	1 714	2 097	0,96	1,43	0,44	0,46
Region Nitra	24 722	26 539	31 440	33 265	7,14	7,67	8,11	7,35
Region Žilina	14 637	16 155	18 069	10 368	4,23	4,67	4,66	2,29
Region Banská Bystrica	12 470	12 131	11 164	15 608	3,60	3,50	2,88	3,45
Region Prešov	3 479	2 887	3 533	3 420	1,00	0,83	0,91	0,76
Region Košice	46 337	30 533	32 390	23 408	13,38	8,82	8,36	5,18
Manufacturing								
					% of total high-tech manufacturing			
High-tech total	9 607	10 365	9 494	14 708	100,00	100,00	100,00	100,00
By origin of predominant capital								
Private domestic	5 821	5 471	5 108	5 164	60,59	52,79	53,80	35,11
Cooperative	D	D	D	D	D	D	D	D
State	-	-	-	-	-	-	-	-
Foreign	2 178	2 384	2 659	7 860	22,67	23,00	28,01	53,44
International - private	D	D	D	D	D	D	D	D
By number of employees								
0-9	148	97	125	625	1,54	0,94	1,32	4,25
10-49	3 261	3 190	2 508	1 841	33,95	30,78	26,42	12,51
50-249	4 033	4 811	4 825	9 347	41,98	46,41	50,82	63,55
250 and more	2 165	2 267	2 035	2 895	22,54	21,87	21,44	19,69
By Region								
Region Bratislava	2 637	2 637	1 794	6 198	27,45	25,44	18,90	42,14
Region Trnava	2 926	3 757	4 140	4 337	30,45	36,24	43,61	29,48
Region Trenčín	1 447	1 004	632	904	15,06	9,68	6,66	6,15
Region Nitra	-	431	-	298	-	4,16	-	2,02
Region Žilina	1 111	1 336	1 425	1 048	11,56	12,89	15,01	7,13
Region Banská Bystrica	456	489	749	872	4,75	4,72	7,89	5,93
Region Prešov	1 030	711	753	992	10,72	6,86	7,94	6,74
Region Košice	-	-	-	60	-	-	-	0,41
Services								
					% of total high-tech services			
High-tech total	336 737	335 827	378 119	437 592	100,00	100,00	100,00	100,00
By origin of predominant capital								
Private domestic	83 331	89 847	106 624	125 695	24,75	26,75	28,20	28,72
Cooperative	D	D	D	D	D	D	D	D
State	135 840	141 788	148 754	174 967	40,34	42,22	39,34	39,98
Foreign	104 229	89 651	107 239	119 337	30,95	26,70	28,36	27,27
International - private	D	D	D	D	D	D	D	D
By number of employees								
0-9	7 855	6 255	6 777	8 285	2,33	1,86	1,79	1,89
10-49	56 445	66 261	70 456	81 964	16,76	19,73	18,63	18,73
50-249	169 578	173 067	202 497	227 988	50,36	51,53	53,55	52,10
250 and more	102 859	90 245	98 389	119 355	30,55	26,87	26,02	27,28
By Region								
Region Bratislava	228 135	238 954	275 094	341 341	67,75	71,15	72,75	78,00
Region Trnava	7 660	7 640	8 276	12 259	2,27	2,27	2,19	2,80
Region Trenčín	1 894	3 955	1 082	1 192	0,56	1,18	0,29	0,27
Region Nitra	24 722	26 108	31 440	32 967	7,34	7,77	8,31	7,53
Region Žilina	13 526	14 819	16 644	9 319	4,02	4,41	4,40	2,13
Region Banská Bystrica	12 013	11 642	10 415	14 736	3,57	3,47	2,75	3,37
Region Prešov	2 449	2 176	2 779	2 428	0,73	0,65	0,74	0,55
Region Košice	46 337	30 533	32 390	23 349	13,76	9,09	8,57	5,34

Note: D - confidential data