

Research and development personnel in the high-tech sector (in head counts)

Classification	R&D personnel in head counts				Share of high-tech sector in total number of R&D personnel (HC) in %			
	2020	2021	2022	2023	2020	2021	2022	2023
SR total								
High-tech total	9 408	9 578	10 053	10 413	28,01	27,64	28,18	28,18
High-tech manufacturing	441	473	516	662	1,31	1,37	1,45	1,79
High-tech services	8 967	9 105	9 537	9 751	26,70	26,28	26,73	26,38
					% of total high-tech sector			
By origin of predominant capital								
Private domestic	2 245	2 542	2 821	2 858	23,86	26,54	28,06	27,45
Cooperative	D	D	D	D	D	D	D	D
State	4 713	4 822	4 785	4 678	50,10	50,34	47,60	44,92
Foreign	1 964	1 579	1 866	2 367	20,88	16,49	18,56	22,73
International - private	D	D	D	D	D	D	D	D
By number of employees								
0-9	250	201	227	288	2,66	2,10	2,26	2,77
10-49	1 904	2 235	2 173	2 085	20,24	23,33	21,62	20,02
50-249	4 792	5 012	5 370	5 486	50,94	52,33	53,42	52,68
250 and more	2 462	2 130	2 283	2 554	26,17	22,24	22,71	24,53
By Region								
Region Bratislava	6 090	6 528	6 994	7 687	64,73	68,16	69,57	73,82
Region Trnava	271	340	323	299	2,88	3,55	3,21	2,87
Region Trenčín	107	121	124	133	1,14	1,26	1,23	1,28
Region Nitra	449	482	501	691	4,77	5,03	4,98	6,64
Region Žilina	552	607	596	476	5,87	6,34	5,93	4,57
Region Banská Bystrica	396	383	356	366	4,21	4,00	3,54	3,51
Region Prešov	148	142	153	117	1,57	1,48	1,52	1,12
Region Košice	1 395	975	1 006	644	14,83	10,18	10,01	6,18
Manufacturing								
					% of total high-tech manufacturing			
High-tech total	441	473	516	662	100,00	100,00	100,00	100,00
By origin of predominant capital								
Private domestic	337	297	380	414	76,42	62,79	73,64	62,54
Cooperative	D	D	D	D	D	D	D	D
State	-	-	-	-	-	-	-	-
Foreign	45	50	54	162	10,20	10,57	10,47	24,47
International - private	D	D	D	D	D	D	D	D
By number of employees								
0-9	8	7	9	37	1,81	1,48	1,74	5,59
10-49	132	151	115	104	29,93	31,92	22,29	15,71
50-249	260	256	358	455	58,96	54,12	69,38	68,73
250 and more	41	59	34	66	9,30	12,47	6,59	9,97
By Region								
Region Bratislava	234	191	228	338	53,06	40,38	44,19	51,06
Region Trnava	64	104	121	135	14,51	21,99	23,45	20,39
Region Trenčín	36	32	44	58	8,16	6,77	8,53	8,76
Region Nitra	-	27	-	27	-	5,71	-	4,08
Region Žilina	62	70	70	50	14,06	14,80	13,57	7,55
Region Banská Bystrica	11	17	20	19	2,49	3,59	3,88	2,87
Region Prešov	34	32	33	31	7,71	6,77	6,40	4,68
Region Košice	-	-	-	4	-	-	-	0,60
Services								
					% of total high-tech services			
High-tech total	8 967	9 105	9 537	9 751	100,00	100,00	100,00	100,00
By origin of predominant capital								
Private domestic	1 908	2 245	2 441	2 444	21,28	24,66	25,60	25,06
Cooperative	D	D	D	D	D	D	D	D
State	4 713	4 822	4 785	4 678	52,56	52,96	50,17	47,97
Foreign	1 919	1 529	1 812	2 205	21,40	16,79	19,00	22,61
International - private	D	D	D	D	D	D	D	D
By number of employees								
0-9	242	194	218	251	2,70	2,13	2,29	2,57
10-49	1 772	2 084	2 058	1 981	19,76	22,89	21,58	20,32
50-249	4 532	4 756	5 012	5 031	50,54	52,24	52,55	51,59
250 and more	2 421	2 071	2 249	2 488	27,00	22,75	23,58	25,52
By Region								
Region Bratislava	5 856	6 337	6 766	7 349	65,31	69,60	70,94	75,37
Region Trnava	207	236	202	164	2,31	2,59	2,12	1,68
Region Trenčín	71	89	80	75	0,79	0,98	0,84	0,77
Region Nitra	449	455	501	664	5,01	5,00	5,25	6,81
Region Žilina	490	537	526	426	5,46	5,90	5,52	4,37
Region Banská Bystrica	385	366	336	347	4,29	4,02	3,52	3,56
Region Prešov	114	110	120	86	1,27	1,21	1,26	0,88
Region Košice	1 395	975	1 006	640	15,56	10,71	10,55	6,56

Note: D - confidential data