

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 %			
	2019	2020	2021	2022	2019	2020	2021	2022
SR total								
High-tech total	7 600	9 408	9 578	10 053	23,91	28,01	27,64	28,18
High-tech manufacturing	430	441	473	516	1,35	1,31	1,37	1,45
High-tech services	7 170	8 967	9 105	9 537	22,55	26,70	26,28	26,73
					% of total high-tech sector			
<i>By origin of predominant capital</i>								
Private domestic	1 911	2 245	2 542	2 821	25,14	23,86	26,54	28,06
Cooperative	D	D	D	D	D	D	D	D
State	4 520	4 713	4 822	4 785	59,47	50,10	50,34	47,60
Foreign	701	1 964	1 579	1 866	9,22	20,88	16,49	18,56
International - private	D	D	D	D	D	D	D	D
<i>By number of employees</i>								
0-9	194	250	201	227	2,55	2,66	2,10	2,26
10-49	1 517	1 904	2 235	2 173	19,96	20,24	23,33	21,62
50-249	4 622	4 792	5 012	5 370	60,82	50,94	52,33	53,42
250 and more	1 267	2 462	2 130	2 283	16,67	26,17	22,24	22,71
<i>By Region</i>								
Region Bratislava	5 277	6 090	6 528	6 994	69,43	64,73	68,16	69,57
Region Trnava	212	271	340	323	2,79	2,88	3,55	3,21
Region Trenčín	97	107	121	124	1,28	1,14	1,26	1,23
Region Nitra	423	449	482	501	5,57	4,77	5,03	4,98
Region Žilina	415	552	607	596	5,46	5,87	6,34	5,93
Region Banská Bystrica	356	396	383	356	4,68	4,21	4,00	3,54
Region Prešov	104	148	142	153	1,37	1,57	1,48	1,52
Region Košice	716	1 395	975	1 006	9,42	14,83	10,18	10,01
Manufacturing								
					% of total high-tech manufacturing			
High-tech total	430	441	473	516	100,00	100,00	100,00	100,00
<i>By origin of predominant capital</i>								
Private domestic	342	337	297	380	79,53	76,42	62,79	73,64
Cooperative	D	D	D	D	D	D	D	D
State	-	-	-	-	-	-	-	-
Foreign	37	45	50	54	8,60	10,20	10,57	10,47
International - private	D	D	D	D	D	D	D	D
<i>By number of employees</i>								
0-9	7	8	7	9	1,63	1,81	1,48	1,74
10-49	101	132	151	115	23,49	29,93	31,92	22,29
50-249	281	260	256	358	65,35	58,96	54,12	69,38
250 and more	41	41	59	34	9,53	9,30	12,47	6,59
<i>By Region</i>								
Region Bratislava	228	234	191	228	53,02	53,06	40,38	44,19
Region Trnava	51	64	104	121	11,86	14,51	21,99	23,45
Region Trenčín	38	36	32	44	8,84	8,16	6,77	8,53
Region Nitra	-	-	27	-	-	-	5,71	-
Region Žilina	63	62	70	70	14,65	14,06	14,80	13,57
Region Banská Bystrica	12	11	17	20	2,79	2,49	3,59	3,88
Region Prešov	38	34	32	33	8,84	7,71	6,77	6,40
Region Košice	-	-	-	-	-	-	-	-
Services								
					% of total high-tech services			
High-tech total	7 170	8 967	9 105	9 537	100,00	100,00	100,00	100,00
<i>By origin of predominant capital</i>								
Private domestic	1 569	1 908	2 245	2 441	21,88	21,28	24,66	25,60
Cooperative	D	D	D	D	D	D	D	D
State	4 520	4 713	4 822	4 785	63,04	52,56	52,96	50,17
Foreign	664	1 919	1 529	1 812	9,26	21,40	16,79	19,00
International - private	D	D	D	D	D	D	D	D
<i>By number of employees</i>								
0-9	187	242	194	218	2,61	2,70	2,13	2,29
10-49	1 416	1 772	2 084	2 058	19,75	19,76	22,89	21,58
50-249	4 341	4 532	4 756	5 012	60,54	50,54	52,24	52,55
250 and more	1 226	2 421	2 071	2 249	17,10	27,00	22,75	23,58
<i>By Region</i>								
Region Bratislava	5 049	5 856	6 337	6 766	70,42	65,31	69,60	70,94
Region Trnava	161	207	236	202	2,25	2,31	2,59	2,12
Region Trenčín	59	71	89	80	0,82	0,79	0,98	0,84
Region Nitra	423	449	455	501	5,90	5,01	5,00	5,25
Region Žilina	352	490	537	526	4,91	5,46	5,90	5,52
Region Banská Bystrica	344	385	366	336	4,80	4,29	4,02	3,52
Region Prešov	66	114	110	120	0,92	1,27	1,21	1,26
Region Košice	716	1 395	975	1 006	9,99	15,56	10,71	10,55

Note: D - confidential data