

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 %			
	2016	2017	2018	2019	2016	2017	2018	2019
SR total								
High-tech total	6 620	6 781	7 490	7 600	22,31	22,77	23,96	23,91
High-tech manufacturing	390	424	448	430	1,31	1,42	1,43	1,35
High-tech services	6 230	6 357	7 042	7 170	21,00	21,34	22,52	22,55
					% of total high-tech sector			
<i>By origin of predominant capital</i>								
Private domestic	1 466	1 414	1 904	1 911	22,15	20,85	25,42	25,14
Cooperative	D	D	D	D	D	D	D	D
State	4 428	4 493	4 498	4 520	66,89	66,26	60,05	59,47
Foreign	424	593	565	701	6,40	8,75	7,54	9,22
International - private	D	D	D	D	D	D	D	D
<i>By number of employees</i>								
0-9	180	137	176	194	2,72	2,02	2,35	2,55
10-49	1 581	1 345	1 463	1 517	23,88	19,83	19,53	19,96
50-249	3 712	4 114	4 413	4 622	56,07	60,67	58,92	60,82
250 and more	1 147	1 185	1 438	1 267	17,33	17,48	19,20	16,67
<i>By Region</i>								
Region Bratislava	4 285	4 629	5 125	5 277	64,73	68,26	68,42	69,43
Region Trnava	267	196	181	212	4,03	2,89	2,42	2,79
Region Trenčín	108	128	120	97	1,63	1,89	1,60	1,28
Region Nitra	526	473	504	423	7,95	6,98	6,73	5,57
Region Žilina	230	220	323	415	3,47	3,24	4,31	5,46
Region Banská Bystrica	362	334	378	356	5,47	4,93	5,05	4,68
Region Prešov	169	149	130	104	2,55	2,20	1,74	1,37
Region Košice	673	652	729	716	10,17	9,62	9,73	9,42
Manufacturing								
					% of total high-tech manufacturing			
High-tech total	390	424	448	430	100,00	100,00	100,00	100,00
<i>By origin of predominant capital</i>								
Private domestic	267	309	344	342	68,46	72,88	76,79	79,53
Cooperative	D	D	D	D	D	D	D	D
State	-	-	-	-	-	-	-	-
Foreign	45	69	43	37	11,54	16,27	9,60	8,60
International - private	D	D	D	D	D	D	D	D
<i>By number of employees</i>								
0-9	12	2	4	7	3,08	0,47	0,89	1,63
10-49	61	55	99	101	15,64	12,97	22,10	23,49
50-249	211	285	279	281	54,10	67,22	62,28	65,35
250 and more	106	82	66	41	27,18	19,34	14,73	9,53
<i>By Region</i>								
Region Bratislava	152	191	227	228	38,97	45,05	50,67	53,02
Region Trnava	60	64	47	51	15,38	15,09	10,49	11,86
Region Trenčín	38	47	35	38	9,74	11,08	7,81	8,84
Region Nitra	-	5	5	-	-	1,18	1,12	-
Region Žilina	26	44	57	63	6,67	10,38	12,72	14,65
Region Banská Bystrica	27	-	14	12	6,92	-	3,13	2,79
Region Prešov	87	73	63	38	22,31	17,22	14,06	8,84
Region Košice	-	-	-	-	-	-	-	-
Services								
					% of total high-tech services			
High-tech total	6 230	6 357	7 042	7 170	100,00	100,00	100,00	100,00
<i>By origin of predominant capital</i>								
Private domestic	1 199	1 105	1 560	1 569	19,25	17,38	22,15	21,88
Cooperative	D	D	D	D	D	D	D	D
State	4 428	4 493	4 498	4 520	71,08	70,68	63,87	63,04
Foreign	379	524	522	664	6,08	8,24	7,41	9,26
International - private	D	D	D	D	D	D	D	D
<i>By number of employees</i>								
0-9	168	135	172	187	2,70	2,12	2,44	2,61
10-49	1 520	1 290	1 364	1 416	24,40	20,29	19,37	19,75
50-249	3 501	3 829	4 134	4 341	56,20	60,23	58,70	60,54
250 and more	1 041	1 103	1 372	1 226	16,71	17,35	19,48	17,10
<i>By Region</i>								
Region Bratislava	4 133	4 438	4 898	5 049	66,34	69,81	69,55	70,42
Region Trnava	207	132	134	161	3,32	2,08	1,90	2,25
Region Trenčín	70	81	85	59	1,12	1,27	1,21	0,82
Region Nitra	526	468	499	423	8,44	7,36	7,09	5,90
Region Žilina	204	176	266	352	3,27	2,77	3,78	4,91
Region Banská Bystrica	335	334	364	344	5,38	5,25	5,17	4,80
Region Prešov	82	76	67	66	1,32	1,20	0,95	0,92
Region Košice	673	652	729	716	10,80	10,26	10,35	9,99

Note: D - confidential data

Methodological change since 2018 in content of the indicator Research and development (hereinafter R&D) personnel in the high-tech sector (in head counts) ; it includes total number of R&D employees during the reference year, before number of R&D employees at the end of the reference year (as of December 31).