

**2.3.4 Distribution employees engaged in scientific-research and development works  
by sectors (at the end of the year)**

	Employees engaged in scientific	of them having academic degree	
		doctors of science	doctors of philosophy
<b>Total, person</b>			
2005	18 164	705	3 322
2009	17 401	777	3 321
2010	17 924	843	3 554
2012	21 573	1 329	5 433
2013	22 358	1 392	5 444
2014	22 329	1 554	6 568
2015	23 093	1 534	6 532
2016	22 527	1 476	6 296
2017	20 580	1 414	6 243
2018	20 179	1 415	6 137
2019	20 790	1 466	6 302
including:			
state sector			
2005	13 977	605	2 683
2009	13 825	654	2 705
2010	13 775	659	2 699
2012	15 987	999	3 672
2013	16 642	1101	3 823
2014	18 178	1095	4 515
2015	16 671	964	3 879
2016	12 149	739	2 587
2017	11 371	742	2 550
2018	12 287	783	2 615
2019	12 218	780	2 626
entrepreneurship sector			
2005	2 634	40	308
2009	2 205	46	251
2010	1 838	48	229
2012	2 115	100	409
2013	2 116	80	411
2014	1 341	60	228
2015	1 077	53	178
2016	1 143	49	136
2017	1 677	61	230
2018	623	42	99
2019	884	58	164
higher educational sector			
2005	1 553	60	331
2009	1 371	77	365
2010	2 311	136	626
2012	3 471	230	1 352
2013	3 600	211	1 210
2014	3 810	399	1 825
2015	5 345	517	2 475
2016	9 235	688	3 573
2017	7 532	611	3 463
2018	7,269	590	3,423
2019	7 688	628	3 512