

Collection, Summarizing and Publishing of Statistical Information on Science and R&D in the Republic of Armenia

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- State statistical reports on Science and R&D,
- RA Law “On State Statistics”,
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State Statistical Reports on Science and R&D

- 1-science “On Implementation of Science and Technology ” (annual)
- 1-gm “On Activity of post- graduate courses and doctoral study program” (annual)

RA Law “On State Statistics”

RA Law “On State Statistics” was entered into force on 26 April, 2000, which separates bodies implementing statistics, more correctly:

- the body implementing state statistics, which is the National Statistical Service of the Republic of Armenia and its territorial units (regional agencies),
- bodies implementing administrative statistics, which are state institutions and local self-government institutions, including the Central Bank of the RA, and which implement branchal (departmental) and local (community) recording (statistics) through maintaining administrative registers.

Implementation of Administrative Register

- Approval of draft administrative statistical reports and instructions for their completion by the Council on State Statistics of RA,
- Order of the Minister of Education and Science of RA on adoption of administrative statistical reports and instruction on their completion,
- Registration of administrative statistical reports and instruction on their completion as normative acts in the Ministry of Justice of RA

Summary statistical data

Quantitative Distribution of Institutions implementing Science and Technology Work by Marzes and Yerevan City for 2009-2014

	<i>unit</i>					
	2009	2010	2011	2012	2013	2014
Yerevan	70	69	62	62	53	58
Aragatsotn	3	3	3	3	3	3
Ararat	1	1	1	1	1	1
Armavir	2	1	1	1	1	1
Kotayk	3	3	3	3	1	1
Shirak	4	4	2	2	3	2
Total, RA	83	81	72	72	62	66

Quantitative Distribution of Institutions implementing Science and Technology work by Ministries and Departments for 2009-2014

	<i>unit</i>					
	2009	2010	2011	2012	2013	2014
Ministry of Economy of RA	13	13	13	13	8	7
Ministry of Health of RA	10	10	7	7	6	7
Ministry of Energy and Natural Resources of RA	5	4	5	5	4	4
Ministry of Agriculture of RA	9	8	5	5	4	5
Ministry of Science and Education of RA	8	8	6	6	6	9
National Academy of Sciences of RA	31	31	30	30	32	31
Other	7	7	6	6	2	3
Total	83	81	72	72	62	66

Distribution of Volume of Science and Technology Work by Directions for 2009-2014

million drams

	2009	2010	2011	2012	2013	2014
Research and development	6361.4	6903.2	6872.7	7510.0	8555.8	10278.2
Experimental development and technological	1940.2	1052.6	1693.5	1575.6	1058.2	531.7
Experimental samples' (product) preparation	293.7	232.1	237.5	234.7	292.2	269.2
Project work for construction	24.3	21.5	94.6	89.2	37.7	97.3
Science and Technology services	802.5	502.3	347.3	322.4	292.7	344.3
Total	9422.1	8711.7	9245.6	9731.9	10236.6	11520.7

Distribution of Volume of Science and Technology Work by Types of Work for 2009-2014

million drams

	2009	2010	2011	2012	2013	2014
Basic research	1987.5	2150.9	1336.2	1308.8	1630.7	1749.4
Applied researches	4373.9	4752.4	5536.5	6312.8	6925.1	8528.8
Science and technology developments	2258.2	1306.1	2025.6	1787.9	1388.1	898.2
Science and technology services	802.5	502.3	347.3	322.4	292.7	344.3
Total	9422.1	8711.7	9245.6	9731.9	10236.6	11520.7

Distribution of Internal Costs on Research and Development by Financing Sources for 2009-2014

million drams

	Internal costs on R&D, total	including:				
		Budget	Own funds	Customer funds	Foreign funds	Other funds
2009	8473.4	5079.3	110.9	2486.9	357.7	438.6
2010	7 987.9	5 298.2	112.0	1 174.1	507.1	896.5
2011	9 276.6	6 066.2	137.7	2 049.9	342.0	680.8
2012	9 713.2	6 750.6	121.5	1 688.4	201.4	951.3
2013	9 355.7	6 711.0	103.8	1 261.4	282.6	996.9
2014	10 912.0	8 285.2	138.9	996.3	595.8	895.8

Sex Distribution of Number of Researchers by Fields of Science, at the end of year for 2009-2014

		<i>person</i>					
		2009	2010	2011	2012	2013	2014
Natural Sciences	Total	2538	2596	2429	2208	2194	2114
	female	1097	1208	1011	993	1018	1025
Technical sciences	Total	1066	911	837	785	546	548
	female	412	332	294	268	183	179
Medical sciences	Total	819	414	191	178	384	414
	female	467	238	112	107	237	257
Agricultural sciences	Total	232	159	205	203	45	46
	female	124	91	112	110	30	35
Social sciences	Total	216	320	273	182	217	332
	female	105	139	108	87	102	184
Humanities	Total	671	581	523	500	484	690
	female	327	253	270	263	293	547
Total	Total	5542	4981	4458	4056	3870	4144
	female	2532	2261	1907	1828	1863	2227

Age Composition of Research and Development Personnel as of the end of year for 2009-2014

person

	Total	including				
		under 30 years	31 - 39 years	40 - 49 years	50 - 59 years	60 years and over
2009	6926	1288	1088	1136	1609	1805
2010	6558	1336	986	1040	1436	1760
2011	5718	1130	787	798	1340	1663
2012	5598	1190	848	734	1221	1605
2013	5230	1207	780	726	1048	1469
2014	5627	1332	877	781	1009	1628

Number of Specialists with Doctor of Science Degree by Sex and Age Groups for 2009-2014

		<i>person</i>					
		2009	2010	2011	2012	2013	2014
Under 30 years	Total	3	-	1	1	-	-
	female	-	-	-	-	-	-
31 - 39 years	Total	14	11	6	3	10	9
	female	-	1	-	1	-	-
40 - 49 years	Total	32	31	20	17	43	44
	female	9	8	6	4	8	10
50 - 59 years	Total	132	115	96	91	140	141
	female	37	24	19	17	32	28
60 years and over	Total	365	322	289	284	299	303
	female	61	54	55	55	57	61
Total	Total	546	479	412	396	492	497
	female	107	87	80	77	97	99

Number of Specialists with Candidate of Science Degree by Sex and Age Groups for 2009-2014

		<i>person</i>					
		2009	2010	2011	2012	2013	2014
Under 30 years	Total	217	198	173	228	217	228
	female	40	34	22	68	41	52
31 - 39 years	Total	304	256	255	289	260	300
	female	133	116	123	154	134	160
40 - 49 years	Total	307	245	199	186	182	217
	female	148	108	105	106	96	130
50 - 59 years	Total	458	403	346	358	291	292
	female	190	155	154	162	123	128
60 years and over	Total	651	598	581	555	509	542
	female	290	284	242	242	237	260
Total	Total	1937	1700	1554	1616	1459	1579
	female	801	697	646	732	631	730

Number of Institutions having Post-graduate Courses for 2009-2014

	<i>unit</i>					
	2009	2010	2011	2012	2013	2014
National Academy of Sciences of RA	30	29	30	30	30	31
Higher education institutions	16	16	14	14	17	20
Other scientific institutions	9	6	3	3	8	11
Total	55	51	47	47	55	62

Movement of Number of Post-Graduate Students for 2009-2014

person

	2009	2010	2011	2012	2013	2014
Entered	273	275	368	373	395	321
of which: female	52	110	160	142	199	144
Studied	1393	1232	1054	1104	1241	1223
of which: female	541	477	432	463	630	646
Graduated from	597	440	370	368	239	314
of which: female	218	182	113	106	73	114

Number of Institutions having Doctoral Study Programs for 2009-2014

	<i>unit</i>					
	2009	2010	2011	2012	2013	2014
Higher education institutions	5	5	5	5	4	6
Scientific institutions	4	4	4	4	4	5
Total	9	9	9	9	8	11

Movement of Number of Doctoral Candidates for 2009-2014

	<i>person</i>					
	2009	2010	2011	2012	2013	2014
Entered	13	14	12	11	12	20
of which: female	4	3	3	3	2	5
Studied	56	57	45	51	36	46
of which: female	19	16	12	12	7	10
Graduated from	17	13	10	9	8	12
of which: female	3	3	3	-	1	2

Missing Data

- Data from administrative register
- Private sector is not included in the field of science
- On implementation of S&T developments
- On innovations
- On scientists working abroad on agreement

Missing Methodologies

- Methodology for accounting personnel capacity
- Methodology for accounting the costs on science
- Methodology for determination of theoretical developments implementation

Publications

- Statistical yearbook
- Armenia in Figures
- Marzes and Yerevan city of the Republic of Armenia in Figures
- Women and Men of Armenia
- Social and Economic Situation of RA
- Social Situation of RA

NSS RA web site: <http://www.armstat.am>

**THANK YOU FOR
ATTENTION!**