

b. Evolution of the number of graduates by sector and field of study

Year Field of study	2012		2013		2014		2015		2016	
	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector
Teacher training and educational sciences	321	-	430	-	141	-	216	-	231	-
Arts	4689	67	4138	85	3791	112	2862	151	2918	210
Literatures	8995	23	7237	12	7184	18	6948	31	6653	42
Business and administration	9691	736	8912	1087	8743	1673	8456	1887	8207	1798
Law	3317	145	2688	225	3204	286	3055	259	3050	251
Journalism and information sciences	263	-	337	-	343	2	329	23	275	12
Social and behavioural sciences	3048	16	2395	32	2894	19	3298	22	3125	25
Mathematics and statistics	859	-	689	-	645	-	727	-	717	-
Computer sciences and multimedia	12094	875	10913	941	10224	1181	8975	1505	7903	1265
Life sciences	1835	61	1864	52	1898	110	2070	172	2264	162
Physical sciences	3386	-	3132	-	3116	-	3424	-	3526	-
Manufacturing and processing	1571	-	1384	-	1480	10	1112	0	1416	-
Architecture and building	1530	257	1443	246	1540	339	1469	405	1542	497
Engineering and engineering trades	8179	321	7503	399	8234	585	8575	879	8610	936
Veterinary sciences	90	-	66	-	80	-	66	-	66	-
Agriculture, forestry and fishery	1085	-	894	-	963	-	833	-	1013	-
Health	4659	758	4648	966	4303	1445	3676	1730	3979	2598
Social services	356	-	326	-	358	-	316	-	279	-
Environmental protection	596	-	616	-	559	-	442	-	369	-
Transport services	364	-	426	-	357	-	527	-	467	-
Personal services	1952	-	1655	-	1239	-	1372	-	1313	-
Total	68880	3259	61741	4045	61296	5780	58748	7064	57923	7796

4 - Teaching staff in public sector

Academic year Rank	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Professor	1194	1327	1323	1370	1411
Associate professor	898	930	991	1023	1120
Assistant professor	5293	5435	5715	6317	6409
Lecturer	4327	4471	4164	3805	3710
Total of academic staff	11712	12163	12193	12515	12650
Contractuel lecturer	2858	2124	1520	1191	1099
Medical university teacher	2496	2664	2831	2998	3142
Technologist Teacher	-	-	4	14	22
Technologist	1487	1666	1607	1600	1484
Assistant technologist	152	158	235	320	427
Lecturer technologist	420	352	326	176	65
Teacher of Secondary Education	2629	2664	2796	2689	2719
Other ranks ⁽⁵⁾	919	458	799	889	1033
Foreigners	205	282	251	257	206
Total full time teaching staff	22878	22830	22561	22648	22846
General load per teacher*	13,3	12,9	12,5	11,3	10,6
Load per Academic staff**	26,0	24,2	23,2	20,4	19,2

(5) Other ranks include craftsmen, engineers, experts, etc.
*General load per teacher= Number of regular students / Full time teaching staff
**Load per Academic staff = Number of regular students / Total Academic staff

5 - Scientific research

a. Evolution of the number of Researchers and research structures

Year	2013	2014	2015	2016
Number of laboratories	272	277	281	316
Number of units	269	304	309	327
Academic staff	Type A	3142	3287	3312
	Type B	7023	7489	7576
Total of academic staff	10165	10776	10888	11454
Student researchers	Master	2608	2533	2539
	PHD	10398	11402	11506
Total of student reseachers	13006	13935	14045	15198
Total	23171	24711	24933	26652

Type A = Professor and associate professor
Type B = Assistant professor and lecturer

b. Evolution of researchers in laboratories and units research by field

Field of research	2013	2014	2015	2016
Humanities and social sciences	2610	3083	3115	3861
Juridical, economic and management sciences	4012	4116	4152	4380
Exact sciences	7852	8340	8350	8683
Life and biotechnological sciences	5943	6305	6420	6516
Engineering sciences	2754	2867	2896	3212
TOTAL	23171	24711	24933	26652

6 - University services

a. Evolution of scholarships and loans

Academic year	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Scholarships awarded by the Offices	99864	111802	108703	95907	91827
Scholarships awarded to Tunisian students abroad	1798	*834	2430	1968	2256
Number of loans	8675	7181	5298	4212	3607
Number of loans abroad	504	422	419	459	448

*Excluding scholarships granted for residents, cooperation scholarship and exange scholarships

b.Number of meals per day and homes accommodation rates

Academic year	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Number of meals per day	75755	79620	76128	72345	72342
Accommodation rates for homes %	18,8	18,8	17,3	19,7	24,4 *

* Including accommodation in outsourcing

For further information, please contact the studies, planning and programming office of the Ministry of higher education and scientific research

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REPUBLIC OF TUNISIA
Ministry of Higher Education and Scientific Research

Features of Higher Education and Scientific Research

(2011-2017)



Studies, Planning and Programming Office

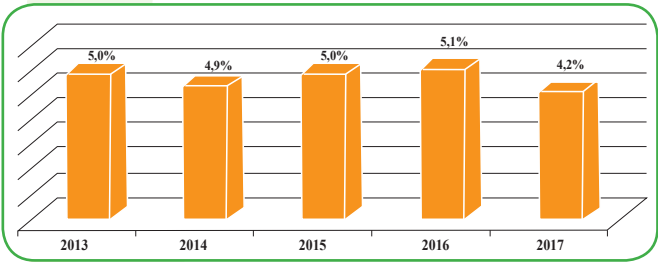
1-Financial Resources

a - Evolution of the budget of the Ministry of Higher Education and Scientific Research

(In million of dinars)

Year	2013	2014	2015	2016	2017
Budget of the Ministry of Higher Education and Scientific Research	1339,074	1337,210	1401,339	1478,211	1361,852

b - Evolution of the percentage of the budget of the Ministry of Higher Education and Scientific Research compared to the state budget :

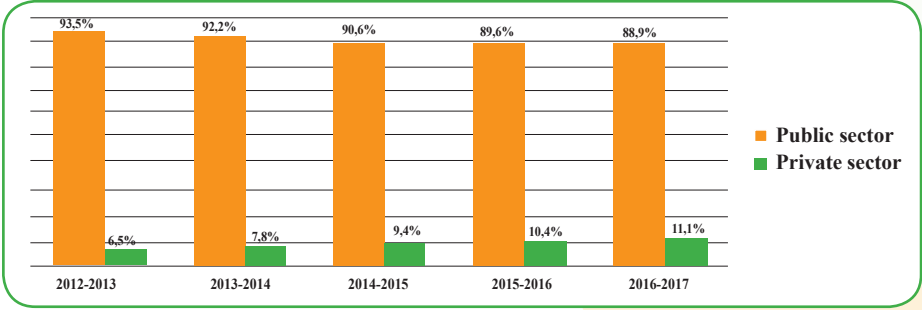


2 - Institutions and Students

a - Evolution of the number of institutions and enrolment

Academic year	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Institutions of higher education	244	245	266	268	271
Public sector	198	198	203	203	203
Private sector	46	47	63	65	68
Number of students	337393	331802	322625	294486	282204
Public sector	315513	305783	292291	263817	250900
Private sector	21880	26019	30334	30669	31304

b - Evolution of the percentage of the number of students in the public and private sector :



c - Evolution of the proportion of International and African students in the public and private sector

Academic year	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Proportion of International students	1,9%	2,0%	2,0%	2,1%	2,3%
African students / Total international students	78,6%	86,9%	93,1%	91,5%	91,6%
Students of Sub-Saharan countries / African students	79,0%	76,0%	72,0%	70,5%	71,0%

d - Evolution by university of the number of students in the public sector

Academic year	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Ezzitouna	2 134	2 408	2 443	2 418	2 475
Tunis	23 516	23 287	20 400	18 935	17 962
Tunis el Manar	39 934	37 842	36 229	33 331	31 426
Carthage	44 325	40 888	38 998	34 590	32 088
Manouba	24 130	22 624	20 875	18 746	17 503
Jendouba	13 674	12 464	11 327	10 238	10 531
Sousse	32 684	32 876	32 707	28 772	26 822
Monastir	25 947	24 773	23 656	21 278	19 973
Kairouan	12 266	11 064	10 435	9 044	8 216
Sfax	38 249	39 193	37 377	34 213	32 986
Gabes	20 365	19 460	18 139	15 513	14 472
Gafsa	10 487	10 094	9 345	8 416	7 978
G.D.T.S (1)	27 205	28 298	29 971	27 745	27 709
Virtual university	597	512	389	578	759
Total	315 513	305 783	292 291	263 817	250 900

(1) General Directorate of Technological Studies.

e . Evolution of the number of students by sector and type of diploma

Academic year Type of diploma	2012-2013		2013-2014		2014-2015		2015-2016		2016-2017	
	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector
General training bachelor's degree	89238	4244	91320	4012	87843	4728	78341	4801	72261	5368
Vvocational training bachelor's degree	123419	6399	114025	8186	107440	9542	91958	9713	87357	9137
Bacalorious	652	-	773	-	749	-	702	-	704	-
Preparatory cycle	15055	1651	13133	1996	12992	2204	10631	2296	9469	2423
Master's degree	6	0	-	-	-	-	-	-	-	-
Engineering cycle	17916	6980	17751	8547	16595	9952	15413	9561	13692	9966
Architecture cycle	2405	527	2365	716	2211	885	1958	1007	1914	1174
Doctorate in medicine and in pharmacy and dental medecine	11333	-	11771	-	11797	-	11940	-	11043	-
Research master	22895	234	19538	270	17991	405	18754	338	17596	190
Professional master	19261	1832	20548	2292	19966	2618	19553	2953	19447	3046
Aggregation	799	-	654	-	627	-	560	-	543	-
Doctorate	9778	-	11408	-	11481	-	11171	-	13264	-
Other diplomas ⁽²⁾	2756	13	2497	-	2599	-	2836	-	3610	-
Total	315513	21880	305783	26019	292291	30334	263817	30669	250900	31304

(2) : Other diplomas include the degrees of auditing, doctor of veterinary medicine, certificate of complementary studies, the national diploma of arts and crafts, national diploma of planning and development, specialization diploma and national diploma literary preparatory cycle

f . Evolution of the number of students by sector and field of study

Academic year Field of study	2012-2013		2013-2014		2014-2015		2015-2016		2016-2017	
	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector
Teacher training and educational sciences	809	-	605	-	691	-	840	-	3396	-
Arts	14661	405	12811	484	11502	561	10951	597	10553	580
Literatures	46254	60	43451	138	39226	92	34667	99	31096	157
Business and administration	43154	5125	41974	5443	40981	6554	37942	6810	37883	7333
Law	19906	948	18723	884	18213	886	16624	904	15771	984
Journalism and information sciences	1457	30	1428	48	1499	81	1431	68	1454	78
Social and behavioural sciences	17359	280	19196	234	19102	152	16961	282	17211	215
Mathematics and statistics	5336	1	5146	-	4450	-	3767	-	3411	-
Computer sciences and multimedia	45606	5494	41868	6156	38208	7032	31996	6560	29383	6870
Life sciences	8511	319	8735	448	8040	588	7499	576	7426	510
Physical sciences	15697	-	16112	-	15401	-	12975	-	11677	-
Manufacturing and processing	4613	10	4718	14	4666	-	4224	-	3780	-
Architecture and building	7239	1443	7309	1903	7088	2273	6455	2411	6233	2829
Engineering and engineering trades	46304	3069	45600	3829	46021	4604	41113	4718	37670	4861
Veterinary sciences	439	-	424	-	388	-	342	-	306	-
Agriculture, forestry and fishery	5813	-	5517	-	5322	-	4915	-	4298	-
Health	21179	4696	21205	6438	20648	7511	20714	7644	19644	6887
Social services	1269	-	1256	-	1169	-	1078	-	922	-
Environmental protection	2251	-	2081	-	1873	-	1699	-	1606	-
Transport services	1554	-	1451	-	1652	-	1744	-	1684	-
Personal services	6102	-	6173	-	6151	-	5880	-	5496	-
Total	315513	21880	305783	26019	292291	30334	263817	30669	250900	31304

3) Graduates

a. Evolution of the number of graduates by sector and type of diploma

Year Type of diploma	2012		2013		2014		2015		2016	
	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector
General training bachelor's degree	16031	809	15877	841	16511	1019	17023	1187	17120	1113
Vocational training bachelor's degree	34843	1070	28767	1364	25371	1912	22918	2260	21974	3189
Bacalorious	-	-	-	-	104	-	112	-	38	-
Short cycle (old system)	3	-	-	-	-	-	-	-	-	-
Master's degree	467	9	4	-	-	-	-	-	-	-
Engineering cycle	4373	1237	4942	1354	5208	1874	4955	2506	5072	2470
Architecture cycle	238	78	257	49	265	53	305	38	323	67
Doctorate in medicine and in pharmacy and dental medecine	1502	-	1510	-	1529	-	1551	-	1607	-
Research master	4403	-	4424	96	5186	107	4618	164	3773	24
Professional master	5165	38	4824	337	6032	815	5686	909	6045	933
Aggregation	70	-	52	-	50	-	49	-	55	-
Doctorate	924	-	742	-	825	-	1325	-	1455	-
Other diplomas ⁽³⁾	861	18	342	4	215	-	206	-	461	-
Total	68880	3259	61741	4045	61296	5780	58748	7064	57923	7796

(3) Other diplomas include the degrees of auditing, doctor of veterinary medicine, certificate of complementary studies the national diploma of arts and crafts, specialization diploma and national diploma of planning and development.