



Republic of Tunisia

**Ministry of Higher Education and
Scientific Research**

**Features of Higher Education and
Scientific Research**

(2013-2018)

Studies, Planing and Programming Office

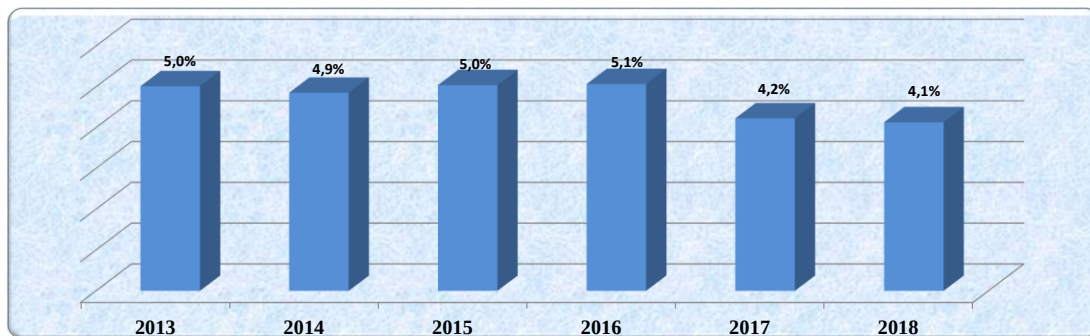
1-Financial resources

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

(In million of dinars)

Year	2013	2014	2015	2016	2017	2018
Budget of the Ministry of Higher Education and Scientific Research	1339,074	1337,210	1401,339	1478,211	1361,852	1481,694

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

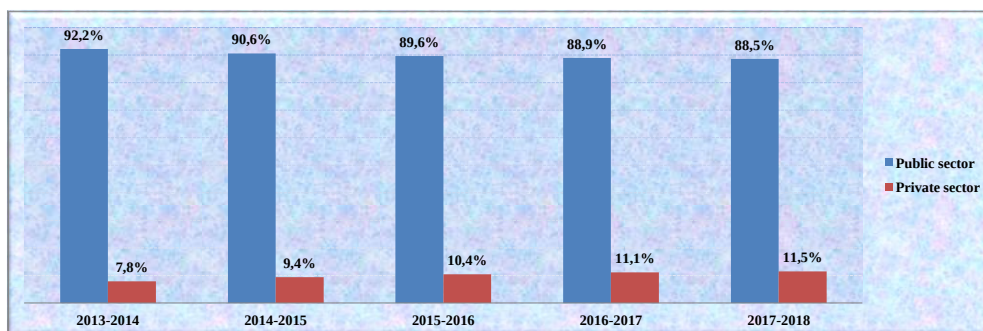


2- Institutions and students

a. Evolution of the number of institutions and enrolment

Academic year	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018
Institutions of higher education	245	266	268	271	275
Public sector	198	203	203	203	203
Private sector	47	63	65	68	72
Number of students	331802	322625	294486	282204	272261
Public sector	305783	292291	263817	250900	241084
Private sector	26019	30334	30669	31304	31177

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	2013/2012	2014/2013	2015/2014	2016/2015	2017/2016	2018/2017
Proportion of international students	1,9%	2,0%	2,0%	2,1%	2,3%	2,3%
Proportion of African students	78,6%	86,9%	93,1%	91,5%	91,6%	91,1%
Proportion of students of Sub- Saharan countries	79,0%	76,0%	72,0%	70,5%	71,0%	71,2%

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

University	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018
Ezzitouna	2 408	2 443	2 418	2 475	2 400
Tunis	23 287	20 400	18 935	17 962	17 308
Tunis el manar	37 842	36 229	33 331	31 426	30 678
Carthage	40 888	38 998	34 590	32 088	31 188
Manouba	22 624	20 875	18 746	17 503	16 460
Jendouba	12 464	11 327	10 238	10 531	11 097
Sousse	32 876	32 707	28 772	26 822	25 378
Monastir	24 773	23 656	21 278	19 973	18 876
Kairouan	11 064	10 435	9 044	8 216	7 421
Sfax	39 193	37 377	34 213	32 986	31 615
Gabes	19 460	18 139	15 513	14 472	13 784
Gafsa	10 094	9 345	8 416	7 978	7 493
G.D.T.S ⁽¹⁾	28 298	29 971	27 745	27 709	26 531
Virtuel university	512	389	578	759	855
Total	305 783	292 291	263 817	250 900	241 084

(1) General Directorate of Technological Studies.

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

Academic year Type of diploma	2013-2014		2014-2015		2015-2016		2016-2017		2017-2018	
	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	91320	4012	87843	4728	78341	4801	72261	5368	66857	5578
vocational training bachelor's degree	114025	8186	107440	9542	91958	9713	87357	9137	84824	8568
Bacalorious	773		749		702		704		726	
Preparatory cycle	13133	1996	12992	2204	10631	2296	9469	2423	9041	2562
Engineering cycle	17751	8547	16595	9952	15413	9561	13692	9966	13010	10115
Architecture cycle	2365	716	2211	885	1958	1007	1914	1174	1868	1246
Doctorate in medicine and in pharmacy and dental medicine	11771		11797		11940		11043		10752	
Research masters	19538	270	17991	405	18754	338	17596	190	16793	112
Professional masters	20548	2292	19966	2618	19553	2953	19447	3046	20157	2996
Aggregation	654		627		560		543		500	
Doctorate	11408		11481		11171		13264		12798	
Other diplomas ⁽²⁾	2497		2599		2836		3610		3758	
Total	305783	26019	292291	30334	263817	30669	250900	31304	241084	31177

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

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

Academic year Field of study	2013-2014		2014-2015		2015-2016		2016-2017		2017-2018	
	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	605		691		840		3396		5947	
Arts	12811	484	11502	561	10951	597	10553	580	9811	559
Literatures	43451	138	39226	92	34667	99	31096	157	28199	160
Business and administration	41974	5443	40981	6554	37942	6810	37883	7333	38736	7176
Law	18723	884	18213	886	16624	904	15771	984	14671	1093
Journalism and information sciences	1428	48	1499	81	1431	68	1454	78	1349	97
Social and behavioural sciences	19196	234	19102	152	16961	282	17211	215	17015	343
Mathematics and statistics	5146		4450		3767		3411		2821	20
Computer sciences and multimedia	41868	6156	38208	7032	31996	6560	29383	6870	27684	5669
Life sciences	8735	448	8040	588	7499	576	7426	510	6845	248
Physical sciences	16112		15401		12975		11677		9847	
Manufacturing and processing	4718	14	4666		4224		3780		3447	
Architecture and building	7309	1903	7088	2273	6455	2411	6233	2829	6052	3096
Engineering and engineering trades	45600	3829	46021	4604	41113	4718	37670	4861	35504	6416
Veterinary sciences	424		388		342		306		283	
Agriculture, forestry and fishery	5517		5322		4915		4298		3931	
Health	21205	6438	20648	7511	20714	7644	19644	6887	19551	6300
Social services	1256		1169		1078		922		867	
Environmental protection	2081		1873		1699		1606		1232	
Transport services	1451		1652		1744		1684		1630	
Personal services	6173		6151		5880		5496		5662	
Total	305783	26019	292291	30334	263817	30669	250900	31304	241084	31177

3) Graduates :

a. Evolution of the number of graduates 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	15877	841	16511	1019	17023	1187	17120	1113	16171	1391
vocational training bachelor's degree	28767	1364	25371	1912	22918	2260	21974	3189	21426	3077
Bacalorious			104		112		38		53	
Master's degree	4									
Engineering cycle	4942	1354	5208	1874	4955	2506	5072	2470	4296	2802
Architecture cycle	257	49	265	53	305	38	323	67	301	77
Doctorate in medicine and in pharmacy and dental medicine	1510		1529		1551		1607		1537	
Research masters	4424	96	5186	107	4618	164	3773	24	4393	94
Professional masters	4824	337	6032	815	5686	909	6045	933	4839	1081
Aggregation	52		50		49		55		47	
Doctorate	742		825		1325		1455		3068	
Other diplomas ⁽³⁾	342	4	215		206		461		148	
Total	51751	3612	49149	4858	47007	5991	46612	6839	56279	8522

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

b. Evolution of the number of graduates 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	430		141		216		231		367	
Arts	4183	85	3791	112	2862	31	2918	210	2640	186
Literatures	7237	12	7184	18	6948	151	6653	42	6257	30
Business and administration	8912	1087	8743	1673	8456	1887	8207	1798	8910	2104
Law	2688	225	3204	286	3055	259	3050	251	2815	266
Journalism and information sciences	337		343	2	329	23	275	12	232	26
Social and behavioural sciences	2395	32	2894	19	3298	22	3125	25	3282	82
Mathematics and statistics	689		645		727		717		718	15
Computer sciences and multimedia	10913	941	10224	1181	8975	1505	7903	1265	7590	1600
Life sciences	1864	52	1898	110	2070	172	2264	162	2139	96
Physical sciences	3132		3116		3424		3526		3312	
Manufacturing and processing	1384		1480	10	1112		1416		1289	
Architecture and building	1443	246	1540	339	1469	405	1542	497	1523	485
Engineering and engineering trades	7503	399	8234	585	8575	879	8610	936	8135	1134
Veterinary sciences	66		80		66		66		98	
Agriculture, forestry and fishery	894		963		833		1013		880	
Health	4648	966	4303	1445	3676	1730	3979	2598	3491	2498
Social services	326		358		316		279		293	
Environmental protection	616		559		442		369		376	
Transport services	426		357		527		467		463	
Personal services	1655		1239		1372		1313		1469	
Total	61741	4045	61296	5780	58748	7064	57923	7796	56279	8522

4 - Evolution of teaching staff in public sector by rank

Rank \ Academic year	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018
Professor	1327	1323	1370	1411	1481
Associate professor	930	991	1023	1120	1092
Assistant professor	5435	5715	6317	6409	6447
Lecturer	4471	4164	3805	3710	3465
Total Academic staff	12163	12193	12515	12650	12485
Contractuel lecturer	2124	1520	1191	1099	
Contractuel PhD holder					535
Contractuel non-PhD holder					484
Medical university teacher	2664	2831	2998	3142	3139
Technologist Teacher		4	14	22	39
Technologist	1666	1607	1600	1484	1429
Assistant technologist	158	235	320	427	466
Lecturer technologist	352	326	176	65	
Teacher of Secondary Education	2664	2796	2689	2719	2756
Other ranks (4)	758	799	889	1033	836
Foreigners	282	251	257	206	174
Total full time teaching staff	22830	22561	22648	22846	22343
General load per teacher*	12,9	12,5	11,3	10,6	10,5
Load per Academic staff**	24,2	23,2	20,4	19,2	18,8

(4) Other ranks include craftsmen, engineers, experts, etc.

*General load per teacher= the 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

Academic year		2014	2015	2016	2017
Number of laboratory		277	281	316	329
Number of units		304	309	327	301
Academic staff	Type A	3287	3312	3641	3898
	Type B	7489	7576	7813	7730
Total		10776	10888	11454	11628
Student researchers	Master	2533	2539	2814	2645
	PHD	11402	11506	12384	11097
Total		13935	14045	15198	13742

Type A= Professor and associate professor

Type B= assistant professor and lecturer

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

Speciality	2014	2015	2016	2017
Humanities and social sciences	3083	3115	3861	4005
Juridical, economic and management sciences	4116	4152	4380	4040
Exact sciences	8340	8350	8683	7621
Life and biotechnological sciences	6305	6420	6516	6709
Engineering sciences	2867	2896	3212	2995
TOTAL	24711	24933	26652	25370

6. University services**a. Evolution of scholarships and loans**

Academic year	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018
Scholarships awarded by the Offices	111802	108703	95907	91827	88792
Scholarships awarded to Tunisian students abroad	*834	2430	1968	2256	2535
Number of loans	7181	5298	4212	3607	3523
Loans awarded to Tunisian students abroad	422	419	459	448	286

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

b. Number of meals per day and homes accommodation rates

Academic year	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018
Number of meals per day	79620	76128	72345	72342	73043
Accommodation rates for homes %	18,8	17,3	19,7	24,4	24,6

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

Address : Avenue Ouled Haffouz, 1030 Tunis -Tunisia

Tel. : (216) 71 783 941/71 786 300 - Fax : (216)

71 795 358

Web site : www.mes.tn - E-Mail : bepp@mes.rnu.tn