

2- Evolution of the number of graduates 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	141		216		231		367		265	
Arts	3791	112	2862	31	2918	210	2640	186	2313	164
Literatures	7184	18	6948	151	6653	42	6257	30	5284	50
Business and administration	8743	1673	8456	1887	8207	1798	8910	2104	8232	2101
Law	3204	286	3055	259	3050	251	2815	266	2489	284
Journalism and information sciences	343	2	329	23	275	12	232	26	327	31
Social and behavioural sciences	2894	19	3298	22	3125	25	3282	82	3025	110
Mathematics and statistics	645		727		717		718	15	633	11
Computer sciences and multimedia	10224	1181	8975	1505	7903	1265	7590	1600	6579	1454
Life sciences	1898	110	2070	172	2264	162	2139	96	2070	89
Physical sciences	3116		3424		3526		3312		2934	
Manufacturing and processing	1480	10	1112		1416		1289		990	
Architecture and building	1540	339	1469	405	1542	497	1523	485	1273	449
Engineering and engineering trades	8234	585	8575	879	8610	936	8135	1134	7288	1265
Veterinary sciences	80		66		66		98		74	
Agriculture, forestry and fishery	963		833		1013		880		827	
Health	4303	1445	3676	1730	3979	2598	3491	2498	3297	1723
Social services	358		316		279		293		243	
Environmental protection	559		442		369		376		388	
Transport services	357		527		467		463		425	
Personal services	1239		1372		1313		1469		1351	10
Total	61296	5780	58748	7064	57923	7796	56279	8522	50307	7741

3- Parity Index for graduates per type of diploma*

Type of diploma	2014-2015	2015-2016	2016-2017	2017-2018
Bachelor's degree	2.1	2.3	2.3	2.3
Engeneering diploma	1.1	1.2	1.2	1.3
Doctorate in medicine, in pharmacy and dental medecine	2.4	2.5	2.5	2.7
Masters' degree (Research and Professional)	2.2	2.9	2.2	2.6
Doctorate	1.7	0.9	1.7	2.0
Other diplomas	1.1	2.0	1.4	1.4
Overall average	2.0	2.1	2.1	2.2

(*) Parity Index= number of female graduates/number of male graduates

IV- Evolution of teaching staff in public sector by rank

Rank	Academic year	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Professor		1323	1370	1411	1481	1562
Associate professor		991	1023	1120	1092	1047
Assistant professor		5715	6317	6409	6447	6502
Lecturer		4164	3805	3710	3465	2731
Total Academic staff		12193	12515	12650	12485	11842

Rank	Academic year	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Contractuel lecturer		1520	1191	1099		
Contractuel PhD holder					535	885
Contractuel non-PhD holder					484	319
Medical university teacher		2831	2998	3142	3139	3162
Technologist Teacher		4	14	22	39	49
Technologist		1607	1600	1484	1429	1349
Assistant technologist		235	320	427	466	523
Lecturer technologist		326	176	65		
Teacher of Secondary Education		2796	2689	2719	2756	2622
Other ranks ⁽⁴⁾		799	889	1033	836	948
Foreigners		251	257	206	174	124
Total full time teaching staff		22561	22648	22846	22343	21823
General load per teacher*		12.5	11.3	10.6	10.5	10.7
Load per Academic staff**		23.2	20.4	19.2	18.8	19.7

(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

V- Scientific research

1- Evolution of the number of researchers and research structures

Academic year		2015	2016	2017	2018
Number of laboratories		281	316	329	392
Number of research units		309	327	301	215
Academic staff	Type A	3312	3641	3898	4165
	Type B	7576	7813	7730	7739
Total		10888	11454	11628	11904
Student researchers	Master	2539	2814	2645	1959
	PHD	11506	12384	11097	9787
Total		14045	15198	13742	11746

Type A= Professor and associate professor / Type B= assistant professor and lecturer

2- Evolution of researchers, laboratories and research units by field

Speciality	2015	2016	2017	2018
Humanities and social sciences	3115	3861	4005	3043
Juridical, economic and management sciences	4152	4380	4040	3814
Exact sciences	8350	8683	7621	7543
Life and biotechnological sciences	6420	6516	6709	5901
Engineering sciences	2896	3212	2995	3349
Total	24933	26652	25370	23650

VI- University services

1- Evolution of scholarships and loans

Academic year	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Scholarships awarded by the Offices	108703	95907	91827	88792	98437
Scholarships awarded to Tunisian students abroad	2430	1968	2256	2535	3044
Number of loans	5298	4212	3607	3523	3927
Loans awarded to Tunisian students abroad	419	459	448	286	239

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

2- Number of restaurants, meals per day and homes accommodation rates

Academic year	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Number of university restaurants	76	77	73	73	75
Number of meals per day	76128	72345	72342	73043	79651
Accommodation rates for homes %	17.3%	19.7 %	24.4%	24.6%	25.3%



Republic of Tunisia
Ministry of Higher Education and Scientific Research

Features of Higher Education and Scientific Research



2013/14 - 2018/19

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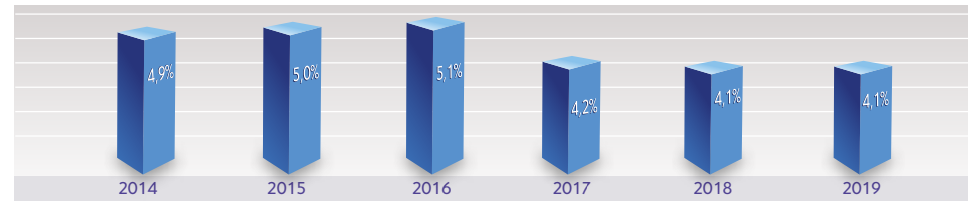
I- Financial resources

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

(In million of dinars)

Year	2014	2015	2016	2017	2018	2019
Budget of the Ministry of Higher Education and Scientific Research	1337,210	1401.339	1478,211	1361,852	1481,694	1645,884

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

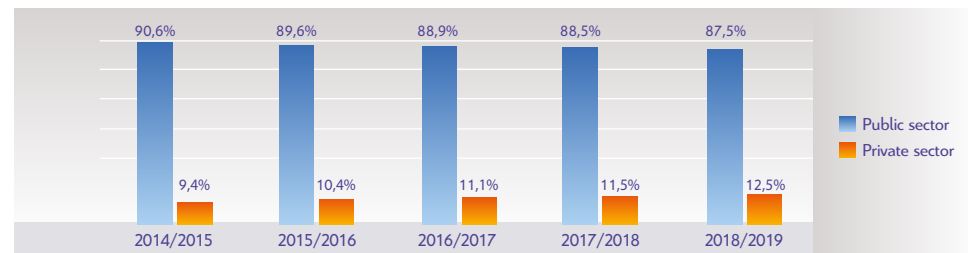


II- Institutions and students

1- Evolution of the number of institutions and enrolment

Academic year	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019
Institutions of higher education	266	268	271	275	277
Public sector	203	203	203	203	203
Private sector	63	65	68	72	74
Number of students	322625	294486	282204	272261	267154
Public sector	292291	263817	250900	241084	233692
Private sector	30334	30669	31304	31177	33462

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



3- Evolution of the proportion of international and African students in the public and private sector

Academic year	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019
Number of international students	6442	6267	6511	6198	7385
Proportion of international students among total students enrolled	2.0%	2.1%	2.3%	2.3%	2.8%
Proportion of African students among international students	93.1%	91.5%	91.6%	91.1%	91.3%
Proportion of students of Sub-Saharan countries among African students	72.0%	70.5%	71.0%	71.2%	68.9%

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

University	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Ezzitouna	2 443	2 418	2 475	2 400	2 566
Tunis	20 400	18 935	17 962	17 308	16 249
Tunis el Manar	36 229	33 331	31 426	30 678	28 674
Carthage	38 998	34 590	32 088	31 188	29 397
Manouba	20 875	18 746	17 503	16 460	15 910
Jendouba	11 327	10 238	10 531	11 097	11 463
Sousse	32 707	28 772	26 822	25 378	25 230
Monastir	23 656	21 278	19 973	18 876	18 745
Kairouan	10 435	9 044	8 216	7 421	7 621
Sfax	37 377	34 213	32 986	31 615	29 951
Gabes	18 139	15 513	14 472	13 784	13 613
Gafsa	9 345	8 416	7 978	7 493	7 501
G.D.T.S(1)	29 971	27 745	27 709	26 531	25 885
Virtuel university	389	578	759	855	887
Total	292 291	263 817	250 900	241 084	233 692

(1) General Directorate of Technological Studies.

5 -Evolution of the number of students by sector and type of diploma

Academic year Type of diploma	2014-2015		2015-2016		2016-2017		2017-2018		2018-2019	
	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	87843	4728	78341	4801	72261	5368	66857	5578	62782	6189
Vocational training bachelor's degree	107440	9542	91958	9713	87357	9137	84824	8568	84456	8845
Four year bachelor's degree	749		702		704		726		828	
Preparatory cycle	12992	2204	10631	2296	9469	2423	9041	2562	9891	2884
Engeneering diploma	16595	9952	15413	9561	13692	9966	13010	10115	12075	10948
Architecture diploma	2211	885	1958	1007	1914	1174	1868	1246	1659	1272
Doctorate in medicine, in pharmacy and dental medicine	11797		11940		11043		10752		10725	
Research masters's degree	17991	405	18754	338	17596	190	16793	112	15676	62
Professional master's degree	19966	2618	19553	2953	19447	3046	20157	2996	20614	3262
Aggregation	627		560		543		500		451	
Doctorate	11481		11171		13264		12798		11629	
Other diplomas(2)	2599		2836		3610		3758		2906	
Total	292291	30334	263817	30669	250900	31304	241084	31177	233692	33462

(2): Other diplomas include the degrees of auditing, doctor of veterinary medicine, national diploma planning and development, specialization diploma, ...



6- Evolution of the number of students by sector and field of study

Academic year Field of study	2014-2015		2015-2016		2016-2017		2017-2018		2018-2019	
	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	691		840		3396		5947		8122	
Arts	11502	561	10951	597	10553	580	9811	559	9872	513
Literatures	39226	92	34667	99	31096	157	28199	160	25294	166
Business and administration	40981	6554	37942	6810	37883	7333	38736	7176	38593	7676
Law	18213	886	16624	904	15771	984	14671	1093	14583	1241
Journalism and information sciences	1499	81	1431	68	1454	78	1349	97	1258	78
Social and behavioural sciences	19102	152	16961	282	17211	215	17015	343	16307	319
Mathematics and statistics	4450		3767		3411		2821	20	2570	50
Computer sciences and multimedia	38208	7032	31996	6560	29383	6870	27684	5669	26173	5357
Life sciences	8040	588	7499	576	7426	510	6845	248	6108	225
Physical sciences	15401		12975		11677		9847		8740	
Manufacturing and processing	4666		4224		3780		3447		3407	
Architecture and building	7088	2273	6455	2411	6233	2829	6052	3096	5823	2998
Engineering and engineering trades	46021	4604	41113	4718	37670	4861	35504	6416	34435	8246
Veterinary sciences	388		342		306		283		260	
Agriculture, forestry and fishery	5322		4915		4298		3931		3646	
Health	20648	7511	20714	7644	19644	6887	19551	6300	19177	6580
Social services	1169		1078		922		867		888	
Environmental protection	1873		1699		1606		1232		1169	13
Transport services	1652		1744		1684		1630		1629	
Personal services	6151		5880		5496		5662		5638	
Total	292291	30334	263817	30669	250900	31304	241084	31177	233692	33462

III- Graduates :

1- Evolution of the number of graduates 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	16511	1019	17023	1187	17120	1113	16171	1391	14823	1455
Vocational training bachelor's degree	25371	1912	22918	2260	21974	3189	21426	3077	18217	2310
Four year bachelor's degree	104		112		38		53		53	
Engineering diploma	5208	1874	4955	2506	5072	2470	4296	2802	3840	2716
Architecture diploma	265	53	305	38	323	67	301	77	261	130
Doctorate in medicine, in pharmacy and dental medicine	1529		1551		1607		1537		1602	
Research master's degree	5186	107	4618	164	3773	24	4393	94	3887	36
Professional master's degree	6032	815	5686	909	6045	933	4839	1081	5076	1094
Aggregation	50		49		55		47		42	
Doctorate	825		1325		1455		3068		2359	
Other diplomas(3)	215		206		461		148		147	
Total	61296	5780	58748	7064	57923	7796	56279	8522	50307	7741

(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.