

BAB
CHAPTER **7**

**KAJIAN
PENGESANAN
GRADUAN**

*GRADUATES
TRACER STUDY*

Jadual 7.1 : Bilangan dan Peratus Graduan Warganegara Malaysia Mengikut Status Pekerjaan Berdasarkan Kategori IPT (2014 - 2015)

Table 7.1 : Number and Percentage of Malaysian Graduates by Employment Status According to Categories of HEIs (2014 - 2015)

Status Pekerjaan Employment Status		Bekerja Employed		Melanjutkan pengajian Further Study		Meningkatkan kemahiran Upgrading skills		Menunggu penempatan pekerjaan Waiting for work placement		Belum bekerja Unemployed		Jumlah Total	
Kategori IPT Categories of HEIs	Tahun Year	Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%
Universiti Awam Public Universities	2015	58,541	51.8	20,733	18.3	2,127	1.9	4,548	4.0	27,065	23.9	113,014	100
	2014	52,301	45.7	26,512	23.2	1,823	1.6	5,546	4.9	28,148	24.6	114,330	100
IPTs Private HEIs	2015	43,645	50.9	14,616	17.1	1,218	1.4	3,728	4.4	22,458	26.2	85,665	100
	2014	32,590	49.0	12,878	19.3	996	1.5	2,838	4.3	17,255	25.9	66,557	100
Politeknik Polytechnics	2015	14,004	62.1	2,720	12.1	385	1.7	803	3.6	4,629	20.5	22,541	100
	2014	13,493	56.3	3,315	13.8	372	1.6	516	2.2	6,264	26.1	23,960	100
Kolej Komuniti Community Colleges	2015	4,507	72.7	1,494	24.1	21	0.3	16	0.3	163	2.6	6,201	100
	2014	2,328	74.7	586	18.8	16	0.5	6	0.2	182	5.8	3,118	100
Institut Latihan Teknik dan Vokasional Technical And Vocational Training Institution	2015	1,043	48.6	504	23.5	25	1.2	38	1.8	537	25.0	2,147	100
	2014	907	48.4	545	29.1	16	0.9	35	1.9	370	19.8	1,873	100
Jumlah Total	2015	121,740	53.0	40,067	17.5	3,776	1.6	9,133	4.0	54,852	23.9	229,568	100
	2014	101,619	48.4	43,836	20.9	3,223	1.5	8,941	4.3	52,219	24.9	209,838	100

Tarikh Kemaskini/ Cut-off date : 04 Februari 2016 / 04 February 2016

Jadual 7.2 : Bilangan dan Peratus Graduan Warganegara Malaysia Mengikut Status Pekerjaan Berdasarkan Bidang Pengajian (2014 - 2015)

Table 7.2 : Number and Percentage of Malaysian Graduates by Employment Status According to Field of Studies (2014 - 2015)

Status Pekerjaan Employment Status		Bekerja Employed		Melanjutkan pengajian Further Study		Meningkatkan kemahiran Upgrading skills		Menunggu penempatan pekerjaan Waiting for work placement		Belum bekerja Unemployed		Jumlah Total	
Bidang pengajian Field of studies	Tahun Year	Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%
Sastera dan Sains Sosial Arts and Social Sciences	2015	50,350	49.2	20,446	20.0	1,836	1.8	2,401	2.3	27,316	26.7	102,349	100
	2014	49,917	48.4	22,617	21.9	1,787	1.7	2,469	2.4	26,376	25.6	103,166	100
Sains Science	2015	13,516	44.4	4,867	16.0	387	1.3	3,251	10.7	8,447	27.7	30,468	100
	2014	13,691	46.4	5,417	18.4	295	1.0	2,706	9.2	7,409	25.1	29,518	100
Pengajian Teknikal Technical Studies	2015	24,807	51.0	9,542	19.6	1,222	2.5	1,578	3.2	11,480	23.6	48,629	100
	2014	23,464	49.2	10,197	21.4	870	1.8	1,493	3.1	11,661	24.5	47,685	100
Teknologi Maklumat dan Komunikasi Information and Communication Technology	2015	9,221	50.2	4,156	22.6	231	1.3	461	2.5	4,284	23.3	18,353	100
	2014	8,163	47.0	4,500	25.9	196	1.1	423	2.4	4,088	23.5	17,370	100
Pendidikan Education	2015	23,846	80.1	1,056	3.5	100	0.3	1,442	4.8	3,325	11.2	29,769	100
	2014	6,384	52.8	1,105	9.1	75	0.6	1,850	15.3	2,685	22.2	12,099	100
Jumlah Total	2015	121,740	53.0	40,067	17.5	3,776	1.6	9,133	4.0	54,852	23.9	229,568	100
	2014	101,619	48.4	43,836	20.9	3,223	1.5	8,941	4.3	52,219	24.9	209,838	100

Tarikh Kemaskini/ Cut-off date : 04 Februari 2016/ 04 February 2016

Jadual 7.3 : Bilangan dan Peratus Graduan Warganegara Malaysia Mengikut Status Pekerjaan Berdasarkan Peringkat Pengajian (2014 - 2015)

Table 7.3 : Number and Percentage of Malaysian Graduates by Employment Status According to Level of Studies (2014 - 2015)

Status Pekerjaan Employment Status	Peringkat pengajian Level of studies	Tahun Year	Bekerja Employed		Melanjutkan pengajian Further Study		Meningkatkan kemahiran Upgrading skills		Menunggu penempatan pekerjaan Waiting for work placement		Belum bekerja Unemployed		Jumlah Total	
			Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%
Ph.D	Ph.D	2015	1,398	84.9	14	0.9	3	0.2	36	2.2	195	11.8	1,646	100
		2014	1,199	86.6	11	0.8	3	0.2	38	2.7	133	9.6	1,384	100
Sarjana	Master	2015	11,730	76.0	1,003	6.5	81	0.5	270	1.7	2,347	15.2	15,431	100
		2014	11,043	76.6	942	6.5	60	0.4	231	1.6	2,146	14.9	14,422	100
Diploma Lulusan Ijazah	Postgraduate Diploma	2015	124	75.6	6	3.7	11	6.7	2	1.2	21	12.8	164	100
		2014	365	85.9	6	1.4	9	2.1	18	4.2	27	6.4	425	100
Sarjana Muda	Bachelor	2015	62,586	58.0	6,056	5.6	2,385	2.2	6,715	6.2	30,108	27.9	107,850	100
		2014	48,435	52.6	6,398	6.9	1,899	2.1	6,718	7.3	28,700	31.1	92,150	100
Diploma Lanjutan	Advanced Diploma	2015	382	74.8	41	8.0	8	1.6	7	1.4	73	14.3	511	100
		2014	1,037	40.1	734	28.4	92	3.6	84	3.2	640	24.7	2,587	100
Diploma	Diploma	2015	40,491	42.3	30,322	31.7	1,228	1.3	2,063	2.2	21,520	22.5	95,624	100
		2014	36,748	39.0	34,401	36.5	1,110	1.2	1,822	1.9	20,180	21.4	94,261	100
Sijil	Certificate	2015	4,856	61.6	2,382	30.2	57	0.7	37	0.5	547	6.9	7,879	100
		2014	2,610	61.9	1,195	28.3	36	0.9	22	0.5	355	8.4	4,218	100
Profesional	Professional	2015	167	36.5	243	53.2	3	0.7	3	0.7	41	9.0	457	100
		2014	158	43.1	149	40.6	14	3.8	8	2.2	38	10.4	367	100
Sijil Lulusan Ijazah	Postgraduate Certificate	2015	6	100.0	0	0.0	0	0.0	0	0.0	0	0.0	6	100
		2014	24	100.0	0	0.0	0	0.0	0	0.0	0	0.0	24	100
Jumlah Total	Jumlah Total	2015	121,740	53.0	40,067	17.5	3,776	1.6	9,133	4.0	54,852	23.9	229,568	100
		2014	101,619	48.4	43,836	20.9	3,223	1.5	8,941	4.3	52,219	24.9	209,838	100

Tarikh Kemaskini/ Cut-off date : 04 Februari 2016/ 04 February 2016

Jadual
Table

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Jadual 7.4 : Bilangan dan Peratus Graduan Warganegara Malaysia Mengikut Status Pekerjaan Berdasarkan Negeri Bermastautin (2014 - 2015)

Table 7.4 : Number and Percentage of Malaysian Graduates by Employment Status According to Residential States (2014 - 2015)

Status Pekerjaan Employment Status		Bekerja Employed		Melanjutkan pengajian Further Study		Meningkatkan kemahiran Upgrading skills		Menunggu penempatan pekerjaan Waiting for work placement		Belum bekerja Unemployed		Jumlah Total	
Negeri Bermastautin Residential States	Tahun Year	Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%
Johor	2015	14,192	56.5	4,016	16.0	377	1.5	965	3.8	5,550	22.1	25,100	100
	2014	11,869	51.8	4,494	19.6	311	1.4	943	4.1	5,290	23.1	22,907	100
Kedah	2015	8,820	51.2	3,036	17.6	308	1.8	738	4.3	4,338	25.2	17,240	100
	2014	6,586	44.2	3,243	21.8	188	1.3	729	4.9	4,140	27.8	14,886	100
Kelantan	2015	6,785	41.9	2,900	17.9	274	1.7	766	4.7	5,473	33.8	16,198	100
	2014	5,066	34.2	3,304	22.3	210	1.4	899	6.1	5,336	36.0	14,815	100
Melaka	2015	4,221	53.0	1,372	17.2	144	1.8	293	3.7	1,941	24.4	7,971	100
	2014	3,768	49.9	1,555	20.6	123	1.6	295	3.9	1,808	24.0	7,549	100
Negeri Sembilan	2015	5,179	52.4	1,891	19.1	164	1.7	409	4.1	2,243	22.7	9,886	100
	2014	4,601	50.2	1,913	20.9	142	1.6	400	4.4	2,105	23.0	9,161	100
Pahang	2015	5,944	50.0	1,964	16.5	239	2.0	432	3.6	3,314	27.9	11,893	100
	2014	5,383	45.7	2,339	19.8	208	1.8	545	4.6	3,316	28.1	11,791	100
Pulau Pinang	2015	6,749	55.5	2,231	18.3	168	1.4	507	4.2	2,504	20.6	12,159	100
	2014	5,877	54.2	2,207	20.3	139	1.3	433	4.0	2,192	20.2	10,848	100
Perak	2015	10,759	53.2	3,390	16.8	282	1.4	839	4.1	4,957	24.5	20,227	100
	2014	7,803	46.3	3,581	21.2	259	1.5	824	4.9	4,393	26.1	16,860	100
Perlis	2015	998	48.4	433	21.0	35	1.7	67	3.2	529	25.7	2,062	100
	2014	729	38.8	475	25.3	28	1.5	72	3.8	576	30.6	1,880	100
Selangor	2015	29,654	57.6	9,655	18.7	843	1.6	1,822	3.5	9,520	18.5	51,494	100
	2014	26,486	54.7	10,537	21.8	804	1.7	1,604	3.3	8,959	18.5	48,390	100
Terengganu	2015	4,357	42.4	1,861	18.1	268	2.6	463	4.5	3,323	32.4	10,272	100
	2014	3,757	36.3	2,168	21.0	226	2.2	518	5.0	3,667	35.5	10,336	100
Sabah	2015	6,685	50.6	1,610	12.2	133	1.0	681	5.2	4,102	31.0	13,211	100
	2014	4,272	40.3	1,857	17.5	129	1.2	574	5.4	3,759	35.5	10,591	100
Sarawak	2015	6,767	51.1	2,259	17.1	190	1.4	500	3.8	3,525	26.6	13,241	100
	2014	5,159	44.5	2,379	20.5	141	1.2	523	4.5	3,389	29.2	11,591	100
W.P Kuala Lumpur	2015	9,425	56.3	3,212	19.2	328	2.0	576	3.4	3,213	19.2	16,754	100
	2014	9,076	55.7	3,439	21.1	279	1.7	536	3.3	2,968	18.2	16,298	100
W.P Labuan	2015	271	56.9	55	11.6	6	1.3	27	5.7	117	24.6	476	100
	2014	230	52.3	89	20.2	8	1.8	15	3.4	98	22.3	440	100
W.P Putrajaya	2015	854	67.2	169	13.3	15	1.2	44	3.5	188	14.8	1,270	100
	2014	878	65.1	217	16.1	26	1.9	29	2.1	199	14.8	1,349	100
Luar Negara	2015	80	70.2	13	11.4	2	1.8	4	3.5	15	13.2	114	100
	2014	72	57.1	28	22.2	1	0.8	1	0.8	24	19.0	126	100
Jumlah Total	2015	121,740	53.0	40,067	17.5	3,776	1.6	9,133	4.0	54,852	23.9	229,568	100
	2014	101,612	48.4	43,825	20.9	3,222	1.5	8,940	4.3	52,219	24.9	209,818	100

Nota/ Notes :

* 2014 : 20 responden tiada maklumat negeri bermastautin/ 20 respondents without residential state

Tarikh Kemaskini/ Cut-off date : 04 Februari 2016/ 04 February 2016

Jadual 7.5 : Bilangan dan Peratus Graduan Warganegara Malaysia Mengikut Kategori IPT Berdasarkan Taraf Pekerjaan (2014 - 2015)

Table 7.5 : Number and Percentage of Malaysian Graduates by Types of HEIs According to Employment Status (2014 - 2015)

Jenis IPT Types of HEIs		UA Public Universities		IPTS Private HEIs		Politeknik Polytechnics		Kolej Komuniti Community Colleges		Institut Latihan Teknik dan Vokasional Technical and Vocational Training Institution		Jumlah Total	
Taraf Pekerjaan Employment Status	Tahun Year	Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%
Tetap Permanent	2015	36,649	50.9	26,004	36.1	6,634	9.2	2,308	3.2	407	0.6	72,002	100.0
	2014	28,007	52.0	18,116	33.6	6,292	11.7	1,041	1.9	428	0.8	53,884	100.0
Kontrak Contract	2015	9,867	46.8	7,293	34.6	3,089	14.6	592	2.8	246	1.2	21,087	100.0
	2014	11,043	53.7	5,760	28.0	3,179	15.5	384	1.9	180	0.9	20,546	100.0
Sementara Temporary	2015	9,533	43.3	7,922	36.0	3,257	14.8	984	4.5	306	1.4	22,002	100.0
	2014	10,991	49.5	6,991	31.5	3,296	14.9	664	3.0	245	1.1	22,187	100.0
Bekerja Sendiri Self-Employed	2015	1,344	39.2	1,144	33.4	517	15.1	369	10.8	51	1.5	3,425	100.0
	2014	1,047	46.7	729	32.5	329	14.7	110	4.9	29	1.3	2,244	100.0
Bekerja Dengan Keluarga Working With Family	2015	1,148	35.6	1,282	39.8	507	15.7	254	7.9	33	1.0	3,224	100.0
	2014	1,213	44.0	994	36.1	396	14.4	129	4.7	25	0.9	2,757	100.0
*Jumlah *Total	2015	58,541	48.1	43,645	35.9	14,004	11.5	4,507	3.7	1,043	0.9	121,740	100.0
	2014	52,301	51.5	32,699	32.2	13,492	13.3	2,328	2.3	798	0.8	101,618	100.0

Nota/ Notes :

* 2014 : 1 responden tiada maklumat taraf pekerjaan/ 1 respondent without employment status

Tarikh Kemaskini/ Cut-off date : 04 Februari 2016/ 04 February 2016

Jadual 7.6 : Bilangan dan Peratus Graduan Warganegara Malaysia Mengikut Kategori IPT Berdasarkan Sektor Pekerjaan (2014 - 2015)

Table 7.6 : Number and Percentage of Malaysian Graduates by Types of HEIs According to Employment Sector (2014 - 2015)

Jenis IPT Types of HEIs		UA Public Universities		IPTs Private HEI		Politeknik Polytechnics		Kolej Komuniti Community Colleges		Institut Latihan Teknik dan Vokasional Technical and Vocational Training Institution		Jumlah Total	
Sektor Pekerjaan Employment sector	Tahun Year	Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%
Kerajaan Government	2015	22,568	70.9	8,242	25.9	769	2.4	149	0.5	98	0.3	31,826	100
	2014	12,560	74.6	3,365	20.0	688	4.1	58	0.3	159	0.9	16,830	100
Badan Berkanun Statutory Bodies	2015	2,820	67.8	845	20.3	418	10.0	52	1.2	26	0.6	4,161	100
	2014	3,018	74.4	681	16.8	301	7.4	22	0.5	32	0.8	4,054	100
Swasta (Multinasional) Private (Multinational)	2015	7,782	41.8	8,031	43.1	2,198	11.8	448	2.4	161	0.9	18,620	100
	2014	8,583	48.1	6,672	37.4	2,199	12.3	264	1.5	110	0.6	17,828	100
Swasta (Tempatan) Private (Local)	2015	17,250	36.7	18,909	40.2	7,716	16.4	2,616	5.6	507	1.1	46,998	100
	2014	19,477	43.8	15,574	35.0	7,583	17.1	1,422	3.2	405	0.9	44,461	100
Perusahaan sendiri Own Enterprise	2015	2,574	38.0	2,584	38.2	1,057	15.6	460	6.8	94	1.4	6,769	100
	2014	3,161	44.7	2,397	33.9	1,213	17.2	209	3.0	89	1.3	7,069	100
Syarikat Berkaitan Kerajaan Government Linked Companies	2015	1,524	55.1	904	32.7	273	9.9	43	1.6	22	0.8	2,766	100
	2014	1,568	58.6	800	29.9	255	9.5	31	1.2	22	0.8	2,676	100
Organisasi Bukan Kerajaan Non Government Organisation	2015	775	37.6	915	44.4	301	14.6	45	2.2	25	1.2	2,061	100
	2014	937	43.4	812	37.6	344	15.9	44	2.0	22	1.0	2,159	100
Lain-lain Others	2015	756	40.0	789	41.7	248	13.1	71	3.8	26	1.4	1,890	100
	2014	737	47.9	566	36.8	184	11.9	39	2.5	14	0.9	1,540	100
Jumlah Total	2015	56,049	48.7	41,219	35.8	12,980	11.3	3,884	3.4	959	0.8	115,091	100
	2014	50,041	51.8	30,976	32.1	12,767	13.2	2,089	2.2	744	0.8	96,617	100

Nota/ Notes :

Bermula tahun 2014, maklumat status pekerjaan hanya melibatkan responden yang bekerja tetap, kontrak dan sementara
In 2014, information on employment status are only for respondent with permanent, contract and temporary status

Tarikh Kemaskini/ Cut-off date : 04 Februari 2016/ 04 February 2016

Jadual 7.7 : Bilangan dan Peratus Graduan Warganegara Malaysia Mengikut Jenis IPT Berdasarkan Sebab Belum Bekerja (2014 - 2015)

Table 7.7 : Number and Percentage of Malaysian Graduates by Types of HEIs According to Reasons of Unemployment (2014 - 2015)

Jenis IPT Types of HEIs	Sebab Belum Bekerja Reasons of Unemployment	Tahun Year	UA Public Universities		IPTs Private HEI		Politeknik Polytechnics		Kolej Komuniti Community Colleges		Institut Latihan Teknik dan Vokasional Technical and Vocational Training Institution		Jumlah Total	
			Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%	Bil No.	%
Sedang mencari pekerjaan <i>Still seeking for job</i>		2015	21,322	52.9	15,214	37.8	3,320	8.2	88	0.2	339	0.8	40,283	100
		2014	21,906	57.6	11,389	29.9	4,442	11.7	115	0.3	204	0.5	38,056	100
Ingin berehat <i>Taking a break</i>		2015	1,328	33.7	2,426	61.5	160	4.1	5	0.1	23	0.6	3,942	100
		2014	1,423	38.3	1,999	53.7	256	6.9	11	0.3	31	0.8	3,720	100
Menunggu penempatan melanjutkan pengajian <i>Waiting for placement to further study</i>		2015	1,327	41.2	1,318	40.9	464	14.4	23	0.7	88	2.7	3,220	100
		2014	1,320	46.7	892	31.5	533	18.8	9	0.3	75	2.7	2,829	100
Tanggungjawab terhadap keluarga <i>Responsibility towards family</i>		2015	1,302	51.6	930	36.9	235	9.3	16	0.6	40	1.6	2,523	100
		2014	1,295	56.5	660	28.8	307	13.4	9	0.4	23	1.0	2,294	100
Kerja yang ditawarkan tidak sesuai <i>Jobs offered were not suitable</i>		2015	542	35.2	802	52.1	168	10.9	11	0.7	15	1.0	1,538	100
		2014	724	40.8	702	39.6	321	18.1	14	0.8	12	0.7	1,773	100
Memilih untuk tidak bekerja <i>Choose not to work</i>		2015	240	33.4	421	58.6	49	6.8	0	0.0	9	1.3	719	100
		2014	211	27.7	478	62.6	66	8.7	3	0.4	5	0.7	763	100
Tidak berminat untuk bekerja <i>Not interested to work</i>		2015	94	17.4	387	71.7	51	9.4	4	0.7	4	0.7	540	100
		2014	150	31.9	267	56.8	49	10.4	3	0.6	1	0.2	470	100
Kurang keyakinan diri memasuki dunia pekerjaan <i>Lack of self-confidence to face the working environment</i>		2015	150	42.5	173	49.0	26	7.4	1	0.3	3	0.8	353	100
		2014	202	46.8	166	38.4	58	13.4	3	0.7	3	0.7	432	100
Masalah kesihatan <i>Health Problems</i>		2015	158	43.6	162	44.8	33	9.1	6	1.7	3	0.8	362	100
		2014	180	50.3	104	29.1	66	18.4	6	1.7	2	0.6	358	100
Enggan berpindah ke tempat lain <i>Refuse to move to another place</i>		2015	40	31.5	57	44.9	24	18.9	6	4.7	0	0.0	127	100
		2014	48	39.0	47	38.2	27	22.0	1	0.8	0	0.0	123	100
Lain-lain <i>Other</i>		2015	562	45.1	568	45.6	99	8.0	3	0.2	13	1.0	1,245	100
		2014	689	49.2	551	39.3	139	9.9	8	0.6	14	1.0	1,401	100
Jumlah/ Total		2015	27,065	49.3	22,458	40.9	4,629	8.4	163	0.3	537	1.0	54,852	100
		2014	28,148	53.9	17,255	33.0	6,264	12.0	182	0.3	370	0.7	52,219	100

Tarikh Kemaskini/ Cut-off date : 04 Februari 2016/ 04 February 2016

Jadual
Table

7.7

