

Jadual 15: Penduduk bekerja mengikut sijil tertinggi diperoleh¹, Malaysia, 1982–2017

Table 15: Employed persons by highest certificate obtained, Malaysia, 1982–2017

Tahun Year	('000)										
	Jumlah ² Total	UPSR/UPSRA atau yang setaraf UPSR/UPSRA or equivalent	PT3/PMR/SRP/ LCE/SRA atau yang setaraf PT3/PMR/SRP/LCE/ SRA or equivalent	SPM atau yang setaraf SPM or equivalent	STPM atau yang setaraf STPM or equivalent	Sijil ³ Certificate	Diploma	Ijazah Degree	Sijil agama ⁴ Religious certificate	Tiada sijil No certificate	Tidak berkeajaan Not applicable
1982	5,249.0	-	469.2	619.7	49.8	-	137.0	91.1	7.9	3,052.0	821.8
1983	5,457.0	-	496.8	698.3	57.4	-	135.3	86.6	10.7	3,165.2	806.7
1984	5,566.7	-	555.9	799.7	66.6	-	139.8	109.7	6.7	3,066.1	821.8
1985	5,653.4	-	532.0	826.9	70.7	-	150.8	120.2	9.5	3,156.9	785.7
1986	5,760.1	-	523.1	905.4	87.5	-	163.1	128.7	8.4	3,193.7	750.1
1987	5,983.9	-	578.2	968.4	105.6	-	165.0	139.1	7.1	3,277.1	743.3
1988	6,157.2	-	555.3	1,041.8	111.3	-	167.3	146.0	9.1	3,408.8	714.5
1989	6,390.9	-	570.6	1,187.5	141.7	-	188.4	148.8	4.1	3,443.2	706.4
1990	6,685.0	-	570.1	1,347.8	146.8	-	216.8	165.8	3.1	3,580.2	654.2
1992	7,047.8	-	918.6	1,610.6	229.2	-	242.9	210.2	-	3,190.6	645.3
1993	7,383.4	-	904.6	1,757.0	228.0	-	244.1	227.0	-	3,407.0	615.6
1995	7,645.0	-	1,067.9	1,968.4	267.5	-	306.4	256.7	-	3,106.3	666.0
1996	8,399.3	-	1,047.4	2,052.1	254.9	-	369.1	310.6	-	3,702.0	662.4
1997	8,569.2	-	1,113.1	2,223.5	277.2	-	417.6	341.7	-	3,573.9	621.9
1998	8,599.6	-	1,162.5	2,249.4	268.1	-	434.9	370.5	-	3,510.4	603.5
1999	8,837.8	-	1,201.7	2,493.7	271.2	-	446.2	407.4	-	3,432.1	584.9
2000	9,269.2	-	1,235.3	2,740.4	284.5	-	535.1	471.3	-	3,480.5	521.8
2001	9,357.0	-	1,256.5	2,847.9	283.5	-	564.5	533.9	-	3,382.2	484.4
2002	9,542.6	-	1,321.9	2,919.0	285.8	-	648.9	603.2	-	3,253.1	509.6
2003	9,869.7	-	1,353.5	3,117.5	298.0	-	717.0	655.2	-	3,251.9	474.8
2004	9,979.5	-	1,363.6	3,164.9	294.4	-	767.9	711.1	-	3,204.9	472.1
2005	10,045.4	-	1,415.8	3,348.9	290.1	-	840.7	733.5	-	2,949.4	466.8
2006	10,275.4	-	1,418.9	3,512.8	301.5	-	831.0	805.3	-	3,012.5	393.0
2007	10,538.1	-	1,453.1	3,655.3	323.9	241.6	743.3	784.9	-	2,888.9	447.0
2008	10,659.6	1,209.4	1,505.4	3,862.3	340.0	205.0	786.1	874.1	-	1,402.4	474.7
2009	10,897.3	1,366.4	1,509.2	3,970.6	354.8	234.4	908.8	1,003.8	-	1,123.5	426.0
2010	11,899.5	1,538.6	1,692.2	4,337.7	358.9	270.5	957.3	1,162.2	-	1,146.1	435.9
2011	12,351.5	1,594.1	1,765.8	4,541.7	373.2	299.6	1,059.9	1,219.0	-	1,097.4	400.7
2012	12,820.5	1,694.9	1,873.6	4,704.3	380.8	300.1	1,048.7	1,314.4	-	1,104.4	399.3
2013	13,545.4	1,868.8	1,943.1	5,003.0	391.6	286.9	1,187.0	1,351.9	-	1,096.7	416.4
2014	13,852.6	1,769.9	1,928.9	5,208.8	405.7	340.9	1,268.4	1,537.6	-	1,009.9	382.5
2015	14,067.7	1,844.9	1,936.7	5,157.1	410.0	353.1	1,376.2	1,679.5	-	879.6	430.7
2016	14,163.7	1,774.2	1,933.3	5,408.3	424.0	347.5	1,350.8	1,755.2	-	794.2	376.1
2017	14,450.0	1,680.8	1,955.2	5,698.8	418.9	350.9	1,392.6	1,871.7	-	703.0	378.1

Nota/Notes :

¹ Mulai 2008, sijil tertinggi diperoleh dikelaskan mengikut konsep *International Standard Classification of Education (ISCED)*

Starting 2008, highest certificate obtained is classified according to the *International Standard Classification of Education (ISCED)*

² Jumlah termasuk angka sijil tertinggi diperoleh "tidak diketahui"

Total includes "unknown" highest certificate obtained

³ Pecahan diploma dan sijil bermula pada tahun 2007

Breakdown of diploma and certificate is available from 2007 onwards

⁴ Berdasarkan Banci Penduduk dan Perumahan 1991, kelas-kelas agama/pondok tidak termasuk dalam istilah pendidikan rasmi

Based on Population and Housing Census 1991, religious classes/'pondok' school are excluded from formal education

Jadual 15: Penduduk bekerja mengikut sijil tertinggi diperoleh¹, Johor, 1982–2017

Table 15: Employed persons by highest certificate obtained, Johor, 1982–2017

Tahun Year	('000)										
	Jumlah ² Total	UPSR/UPSRA atau yang setaraf UPSR/UPSRA or equivalent	PT3/PMR/SRP/ LCE/SRA atau yang setaraf PT3/PMR/SRP/LCE/ SRA or equivalent	SPM atau yang setaraf SPM or equivalent	STPM atau yang setaraf STPM or equivalent	Sijil ³ Certificate	Diploma	Ijazah Degree	Sijil agama ⁴ Religious certificate	Tiada sijil No certificate	Tidak berkenaan Not applicable
1982	630.2	-	51.7	68.3	3.4	-	17.9	7.4	1.4	410.8	69.2
1983	623.7	-	62.4	63.5	2.8	-	13.2	6.2	1.4	400.4	73.7
1984	657.3	-	60.1	86.8	5.9	-	17.4	8.4	1.3	413.9	63.4
1985	672.7	-	54.9	90.5	7.2	-	18.7	10.0	1.0	431.0	59.3
1986	700.4	-	61.3	112.3	8.4	-	19.9	8.7	1.1	429.6	59.3
1987	732.7	-	69.9	119.9	12.9	-	20.8	9.7	1.2	433.4	64.9
1988	792.0	-	69.2	135.9	11.5	-	24.3	9.8	0.5	477.5	62.8
1989	822.3	-	72.7	147.5	15.4	-	25.6	12.1	0.1	489.1	59.8
1990	914.1	-	78.2	174.8	19.7	-	29.5	12.3	0.3	544.0	55.3
1992	926.0	-	106.5	197.9	27.9	-	27.8	17.4	-	494.5	53.9
1993	974.3	-	92.9	220.5	28.3	-	31.0	21.6	-	536.7	43.3
1995	891.8	-	145.0	266.5	27.5	-	28.7	22.5	-	353.8	47.8
1996	996.7	-	130.0	277.1	32.6	-	34.8	22.7	-	461.5	38.0
1997	1,058.4	-	145.5	294.9	28.8	-	40.2	25.9	-	480.8	42.0
1998	1,027.0	-	180.7	298.4	23.6	-	44.2	26.6	-	421.8	31.7
1999	1,029.0	-	161.4	331.2	26.6	-	34.8	26.3	-	401.2	47.5
2000	1,195.4	-	199.4	393.4	36.4	-	45.3	35.1	-	450.5	35.2
2001	1,235.9	-	209.7	434.7	35.6	-	52.3	39.1	-	420.5	42.1
2002	1,222.3	-	188.7	447.6	35.1	-	59.4	41.8	-	409.4	40.0
2003	1,269.1	-	205.7	442.5	37.9	-	68.8	48.4	-	426.1	39.6
2004	1,232.6	-	202.1	434.4	34.4	-	68.6	56.7	-	400.3	36.0
2005	1,237.1	-	208.2	455.6	35.0	-	80.5	65.6	-	359.0	33.2
2006	1,258.1	-	222.1	474.7	34.5	-	91.4	64.7	-	343.0	27.7
2007	1,286.7	-	243.4	508.1	32.5	29.0	83.8	54.7	-	305.9	29.4
2008	1,283.8	212.9	198.2	515.1	42.7	27.0	90.3	66.2	-	95.7	35.7
2009	1,306.3	221.5	198.1	555.3	42.7	25.5	96.3	81.2	-	54.7	30.9
2010	1,418.8	238.7	243.8	620.1	39.3	25.5	90.1	87.2	-	54.7	19.3
2011	1,461.9	233.5	231.6	657.5	34.9	30.3	108.5	91.4	-	58.2	16.1
2012	1,481.5	219.6	266.3	650.6	37.7	32.2	105.9	97.3	-	53.6	18.4
2013	1,553.4	232.3	273.0	683.3	40.6	33.6	112.1	104.5	-	55.0	19.1
2014	1,579.7	233.4	270.8	677.0	33.8	31.6	131.4	130.9	-	55.1	15.8
2015	1,582.6	236.9	261.7	671.3	36.9	41.1	133.4	133.6	-	42.4	25.2
2016	1,580.6	215.5	246.1	712.4	39.3	38.0	122.4	137.4	-	49.7	19.9
2017	1,614.7	221.4	233.7	720.7	43.0	43.1	144.4	149.8	-	42.5	16.1

Nota/Notes:

¹ Mulai 2008, sijil tertinggi diperoleh dikelaskan mengikut konsep *International Standard Classification of Education (ISCED)*

Starting 2008, highest certificate obtained is classified according to the *International Standard Classification of Education (ISCED)*

² Jumlah termasuk angka sijil tertinggi diperoleh "tidak diketahui"

Total includes "unknown" highest certificate obtained

³ Pecahan diploma dan sijil bermula pada tahun 2007

Breakdown of diploma and certificate is available from 2007 onwards

⁴ Berdasarkan Banci Penduduk dan Perumahan 1991, kelas-kelas agama/pondok tidak termasuk dalam istilah pendidikan rasmi

Based on Population and Housing Census 1991, religious classes/'pondok' school are excluded from formal education

Jadual 15: Penduduk bekerja mengikut sijil tertinggi diperoleh¹, Kedah, 1982–2017

Table 15: Employed persons by highest certificate obtained, Kedah, 1982–2017

Tahun Year	('000)										
	Jumlah ² Total	UPSR/UPSRA atau yang setaraf UPSR/UPSRA or equivalent	PT3/PMR/SRP/ LCE/SRA atau yang setaraf PT3/PMR/SRP/LCE/ SRA or equivalent	SPM atau yang setaraf SPM or equivalent	STPM atau yang setaraf STPM or equivalent	Sijil ³ Certificate	Diploma	Ijazah Degree	Sijil agama ⁴ Religious certificate	Tiada sijil No certificate	Tidak berkenaan Not applicable
1982	389.0	-	25.4	31.8	1.8	-	9.7	3.3	1.8	239.6	75.6
1983	373.6	-	22.9	36.8	1.7	-	12.7	3.2	1.5	221.1	73.7
1984	417.6	-	31.5	46.8	2.9	-	11.3	4.9	0.6	245.9	73.6
1985	413.8	-	28.0	46.9	3.1	-	12.5	3.9	1.1	252.6	65.7
1986	418.0	-	29.1	53.8	3.8	-	12.3	4.8	1.6	248.8	63.8
1987	420.1	-	36.0	56.3	5.8	-	10.2	4.4	0.7	245.3	61.5
1988	459.3	-	34.8	65.4	6.0	-	8.7	5.0	2.6	270.8	63.6
1989	443.3	-	31.8	74.6	6.6	-	11.6	5.0	0.5	253.8	59.4
1990	467.6	-	36.1	84.8	6.5	-	13.8	7.8	0.2	269.0	49.5
1992	495.0	-	58.0	98.2	13.8	-	13.2	6.8	-	256.1	48.9
1993	475.1	-	49.7	87.0	8.2	-	13.5	10.5	-	263.6	42.5
1995	521.1	-	67.7	112.8	15.6	-	14.0	7.5	-	250.3	49.9
1996	535.9	-	63.5	125.8	14.1	-	13.4	8.0	-	263.6	47.5
1997	601.3	-	78.5	142.6	19.9	-	19.3	11.2	-	275.7	54.1
1998	567.3	-	96.9	146.3	19.7	-	22.2	13.7	-	229.9	38.6
1999	678.7	-	104.7	183.8	29.2	-	23.5	14.7	-	263.2	59.6
2000	626.5	-	107.5	185.5	26.7	-	29.2	23.2	-	220.4	34.1
2001	701.1	-	108.6	226.5	21.7	-	33.1	22.2	-	257.9	30.0
2002	645.1	-	110.7	203.6	21.4	-	26.0	24.2	-	226.8	32.1
2003	657.7	-	116.3	215.5	26.2	-	42.2	28.3	-	199.1	30.1
2004	654.5	-	123.1	213.6	21.6	-	40.2	24.9	-	207.5	23.6
2005	652.8	-	121.6	225.6	22.8	-	41.5	31.1	-	185.6	24.6
2006	656.8	-	115.8	239.7	25.4	-	44.7	31.4	-	179.0	20.7
2007	670.4	-	112.2	252.3	26.5	13.3	38.8	33.0	-	170.1	24.3
2008	676.0	41.9	108.8	250.8	27.5	15.6	43.2	40.9	-	123.1	24.3
2009	701.5	64.7	112.8	268.0	26.4	20.9	54.5	44.2	-	90.4	19.7
2010	725.7	51.4	133.2	276.4	26.4	16.2	49.0	50.8	-	107.0	15.3
2011	743.4	60.1	132.2	281.1	28.5	22.0	55.2	48.7	-	100.5	15.0
2012	786.9	73.7	145.9	299.5	24.6	19.7	46.7	49.5	-	105.5	21.8
2013	842.3	74.1	139.7	329.6	29.1	22.1	54.3	55.6	-	115.9	21.8
2014	859.8	68.0	133.9	345.3	34.3	27.3	66.5	67.2	-	98.4	18.8
2015	881.6	82.6	149.0	348.0	33.4	28.9	65.7	72.2	-	74.6	27.3
2016	884.3	96.5	137.4	371.6	30.9	28.8	62.9	82.1	-	51.2	22.9
2017	904.4	94.0	144.2	401.9	33.4	28.0	69.6	78.6	-	40.3	14.4

Nota/Notes:

¹ Mulai 2008, sijil tertinggi diperoleh dikelaskan mengikut konsep *International Standard Classification of Education (ISCED)*

Starting 2008, highest certificate obtained is classified according to the International Standard Classification of Education (ISCED)

² Jumlah termasuk angka sijil tertinggi diperoleh "tidak diketahui"

Total includes "unknown" highest certificate obtained

³ Pecahan diploma dan sijil bermula pada tahun 2007

Breakdown of diploma and certificate is available from 2007 onwards

⁴ Berdasarkan Banci Penduduk dan Perumahan 1991, kelas-kelas agama/pondok tidak termasuk dalam istilah pendidikan rasmi

Based on Population and Housing Census 1991, religious classes/'pondok' school are excluded from formal education

Jadual 15: Penduduk bekerja mengikut sijil tertinggi diperoleh¹, Kelantan, 1982–2017

Table 15: Employed persons by highest certificate obtained, Kelantan, 1982–2017

Tahun Year	('000)										
	Jumlah ² Total	UPSR/UPSRA atau yang setaraf UPSR/UPSRA or equivalent	PT3/PMR/SRP/ LCE/SRA atau yang setaraf PT3/PMR/SRP/LCE/ SRA or equivalent	SPM atau yang setaraf SPM or equivalent	STPM atau yang setaraf STPM or equivalent	Sijil ³ Certificate	Diploma	Ijazah Degree	Sijil agama ⁴ Religious certificate	Tiada sijil No certificate	Tidak berkenaan Not applicable
1982	304.3	-	22.5	25.8	1.7	-	7.4	3.1	0.7	144.9	98.2
1983	282.5	-	24.7	25.2	1.4	-	13.3	3.5	1.8	133.0	79.6
1984	322.3	-	25.4	38.7	3.2	-	9.5	4.5	0.3	140.4	100.4
1985	323.6	-	21.8	38.4	3.2	-	10.1	4.5	0.8	146.7	98.0
1986	340.2	-	27.4	45.9	3.4	-	9.9	4.3	0.6	166.5	82.2
1987	350.5	-	28.5	50.8	5.1	-	9.4	4.4	0.8	163.8	87.7
1988	363.4	-	28.3	51.0	3.6	-	9.1	5.5	0.8	177.0	88.1
1989	363.8	-	32.2	63.9	6.7	-	11.2	4.6	0.2	163.8	81.1
1990	377.7	-	30.5	75.8	6.3	-	12.8	4.8	0.4	172.5	74.6
1992	382.5	-	38.5	74.1	14.3	-	15.4	8.3	-	159.8	72.1
1993	394.4	-	46.9	87.3	12.0	-	15.7	11.0	-	151.2	70.2
1995	412.7	-	51.9	85.5	17.2	-	17.4	6.7	-	171.4	62.4
1996	445.5	-	50.3	97.3	13.9	-	21.5	11.0	-	175.4	76.1
1997	413.7	-	49.1	92.3	17.4	-	15.5	9.8	-	164.4	65.3
1998	430.7	-	54.5	93.8	15.7	-	19.7	12.3	-	172.2	62.5
1999	436.8	-	46.5	102.4	15.9	-	20.4	13.1	-	179.7	58.8
2000	425.7	-	47.3	112.6	18.2	-	18.1	11.7	-	167.9	49.9
2001	434.3	-	63.2	114.2	20.7	-	21.5	13.4	-	154.0	46.8
2002	422.7	-	57.9	111.6	18.7	-	21.5	16.3	-	151.1	45.6
2003	475.7	-	66.6	143.9	23.9	-	25.4	23.5	-	153.3	38.9
2004	436.6	-	65.1	137.7	21.5	-	28.1	20.4	-	131.8	32.0
2005	438.8	-	67.1	142.2	20.4	-	27.9	21.7	-	123.6	36.1
2006	458.4	-	72.4	151.7	21.1	-	31.8	24.3	-	127.4	29.7
2007	473.1	-	64.3	166.2	20.8	9.4	25.5	25.3	-	129.5	32.1
2008	486.4	18.4	66.6	169.5	26.7	11.9	32.9	33.2	-	94.5	32.7
2009	505.2	34.5	83.1	176.2	25.2	13.7	34.1	34.0	-	73.0	31.3
2010	534.2	57.4	83.3	185.3	26.7	10.9	36.6	38.2	-	63.7	32.1
2011	544.6	54.1	80.6	201.0	30.7	13.2	38.5	43.1	-	54.1	29.3
2012	578.7	61.1	90.2	209.2	35.5	13.5	35.7	40.0	-	61.2	32.3
2013	602.7	60.7	98.3	238.4	34.4	11.5	39.5	41.9	-	46.6	31.5
2014	625.2	54.1	93.0	256.4	35.4	13.4	44.5	55.2	-	46.0	27.3
2015	652.1	54.5	97.2	263.4	39.1	15.5	52.5	62.4	-	34.4	33.0
2016	632.9	45.4	89.3	261.6	35.0	16.7	48.9	69.3	-	32.5	34.3
2017	670.0	56.5	87.3	294.9	38.1	19.4	52.0	62.8	-	29.9	29.0

Nota/Notes :

¹ Mulai 2008, sijil tertinggi diperoleh dikelaskan mengikut konsep *International Standard Classification of Education (ISCED)*

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² Jumlah termasuk angka sijil tertinggi diperoleh "tidak diketahui"

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Based on Population and Housing Census 1991, religious classes/'pondok' school are excluded from formal education

Jadual 15: Penduduk bekerja mengikut sijil tertinggi diperoleh¹, Melaka, 1982–2017

Table 15: Employed persons by highest certificate obtained, Melaka, 1982–2017

Tahun Year	('000)										
	Jumlah ² Total	UPSR/UPSRA atau yang setaraf UPSR/UPSRA or equivalent	PT3/PMR/SRP/ LCE/SRA atau yang setaraf PT3/PMR/SRP/LCE/ SRA or equivalent	SPM atau yang setaraf SPM or equivalent	STPM atau yang setaraf STPM or equivalent	Sijil ³ Certificate	Diploma Diploma	Ijazah Degree	Sijil agama ⁴ Religious certificate	Tiada sijil No certificate	Tidak berkenaan Not applicable
1982	167.2	-	12.3	21.5	1.8	-	5.6	2.8	0.2	105.7	17.1
1983	165.5	-	14.2	26.7	1.4	-	5.0	3.4	-	102.5	12.3
1984	162.5	-	15.1	24.9	1.6	-	3.9	3.0	0.0	97.5	16.6
1985	170.1	-	16.8	26.4	1.9	-	5.0	3.3	0.4	100.8	15.5
1986	169.8	-	18.1	27.3	2.7	-	6.8	3.3	0.3	97.7	13.6
1987	176.7	-	18.1	29.3	3.1	-	6.6	3.4	-	102.5	13.6
1988	175.4	-	18.6	33.0	3.7	-	6.5	3.7	-	96.7	13.2
1989	185.9	-	16.7	40.3	3.3	-	6.9	4.1	-	104.2	10.4
1990	180.0	-	11.7	42.9	4.5	-	9.1	5.2	-	97.8	8.8
1992	207.4	-	24.0	49.4	3.9	-	7.8	4.5	-	107.7	10.2
1993	218.5	-	25.2	50.8	3.0	-	6.2	2.5	-	119.2	11.4
1995	222.8	-	29.2	66.6	5.5	-	8.2	6.5	-	96.8	9.8
1996	237.0	-	30.7	69.4	5.2	-	9.6	6.1	-	107.8	8.3
1997	257.1	-	36.3	78.3	7.4	-	13.9	8.6	-	101.3	11.2
1998	242.4	-	32.9	80.0	6.6	-	12.6	8.3	-	95.8	6.3
1999	243.1	-	34.3	85.8	7.1	-	11.8	10.3	-	87.8	6.2
2000	253.5	-	27.2	100.1	5.4	-	14.0	8.5	-	91.4	7.0
2001	267.7	-	29.9	108.4	8.0	-	14.3	11.4	-	90.8	4.9
2002	229.4	-	32.3	93.8	7.5	-	18.3	11.1	-	60.7	5.7
2003	272.7	-	37.9	115.1	7.4	-	19.2	13.0	-	74.0	6.3
2004	265.1	-	33.3	109.6	6.2	-	21.9	15.9	-	72.1	6.0
2005	271.1	-	29.2	113.3	7.7	-	24.6	14.5	-	74.4	7.4
2006	273.1	-	33.4	112.5	8.2	-	27.3	18.5	-	69.3	3.9
2007	284.3	-	38.2	115.1	7.8	9.8	24.7	19.3	-	63.0	6.3
2008	286.8	29.5	40.5	119.1	7.9	11.1	24.1	22.9	-	27.1	4.4
2009	284.0	32.3	39.1	122.0	8.3	10.3	24.7	24.1	-	17.0	6.3
2010	335.1	35.1	50.0	144.9	9.1	11.6	26.4	29.8	-	23.3	4.9
2011	340.8	40.7	53.9	147.7	9.0	10.5	31.1	31.9	-	11.9	4.2
2012	357.0	31.7	55.2	151.4	8.7	11.8	32.8	34.1	-	26.9	4.3
2013	375.5	29.5	57.2	165.5	7.6	13.3	33.9	34.4	-	30.3	3.8
2014	394.9	27.0	52.6	180.3	10.5	15.7	39.1	39.4	-	27.8	2.5
2015	398.3	34.3	53.3	178.3	9.5	16.8	43.1	46.0	-	12.2	4.7
2016	397.3	35.7	54.0	179.0	10.1	15.8	47.1	42.4	-	9.6	3.6
2017	405.4	33.4	52.6	173.1	10.5	18.8	51.7	52.9	-	8.4	4.0

Nota/Notes:

¹ Mulai 2008, sijil tertinggi diperoleh dikelaskan mengikut konsep *International Standard Classification of Education (ISCED)*

Starting 2008, highest certificate obtained is classified according to the *International Standard Classification of Education (ISCED)*

² Jumlah termasuk angka sijil tertinggi diperoleh "tidak diketahui"

Total includes "unknown" highest certificate obtained

³ Pecahan diploma dan sijil bermula pada tahun 2007

Breakdown of diploma and certificate is available from 2007 onwards

⁴ Berdasarkan Banci Penduduk dan Perumahan 1991, kelas-kelas agama/pondok tidak termasuk dalam istilah pendidikan rasmi

Based on Population and Housing Census 1991, religious classes/'pondok' school are excluded from formal education

Jadual 15: Penduduk bekerja mengikut sijil tertinggi diperoleh¹, Negeri Sembilan, 1982–2017

Table 15: Employed persons by highest certificate obtained, Negeri Sembilan, 1982–2017

Tahun Year	('000)										
	Jumlah ² Total	UPSR/UPSRA atau yang setaraf UPSR/UPSRA or equivalent	PT3/PMR/SRP/ LCE/SRA atau yang setaraf PT3/PMR/SRP/LCE/ SRA or equivalent	SPM atau yang setaraf SPM or equivalent	STPM atau yang setaraf STPM or equivalent	Sijil ³ Certificate	Diploma	Ijazah Degree	Sijil agama ⁴ Religious certificate	Tiada sijil No certificate	Tidak berkenaan Not applicable
1982	216.3	-	15.7	22.0	1.5	-	7.4	3.4	0.3	145.7	20.3
1983	215.0	-	13.4	30.9	2.2	-	6.2	2.1	0.3	144.6	15.4
1984	223.3	-	19.9	29.5	2.5	-	7.1	4.1	0.3	142.0	18.0
1985	210.8	-	16.8	26.9	2.4	-	5.2	3.9	0.2	140.7	14.7
1986	213.5	-	15.8	29.0	2.1	-	6.6	4.2	0.1	140.1	15.5
1987	221.7	-	19.2	31.1	2.5	-	7.4	3.8	0.1	140.0	17.5
1988	228.0	-	15.4	35.8	3.5	-	6.3	4.1	-	149.6	13.3
1989	229.3	-	23.6	36.3	3.6	-	5.5	3.3	-	143.7	13.2
1990	216.0	-	10.2	37.7	2.9	-	8.2	3.2	0.2	141.0	12.6
1992	251.3	-	26.1	50.7	5.8	-	9.3	5.5	-	142.9	11.1
1993	284.4	-	24.7	56.0	9.9	-	14.1	8.7	-	157.2	13.7
1995	296.2	-	28.8	59.3	9.0	-	10.8	7.7	-	163.9	16.7
1996	319.3	-	27.0	73.3	9.1	-	12.8	7.7	-	177.1	12.4
1997	307.6	-	29.3	73.6	9.7	-	14.4	9.0	-	159.4	12.2
1998	304.4	-	34.3	80.0	7.9	-	16.4	10.2	-	142.1	13.5
1999	274.8	-	29.9	83.6	7.3	-	15.4	9.9	-	121.5	7.3
2000	347.4	-	35.9	109.4	8.9	-	20.0	15.3	-	147.0	10.9
2001	351.3	-	31.0	103.4	8.6	-	21.9	18.6	-	159.1	8.8
2002	324.8	-	28.3	98.4	7.3	-	21.7	16.2	-	142.6	10.4
2003	340.0	-	37.7	107.0	6.5	-	29.7	15.9	-	134.6	8.5
2004	360.3	-	38.3	122.3	8.9	-	29.8	20.6	-	132.4	8.1
2005	372.8	-	39.2	131.8	8.8	-	33.8	22.4	-	129.5	7.2
2006	378.7	-	38.2	134.4	9.0	-	35.1	23.6	-	131.0	7.4
2007	381.6	-	43.2	134.9	8.4	14.8	27.9	23.6	-	120.9	7.9
2008	387.1	29.1	51.7	142.8	8.2	9.6	32.5	26.3	-	77.8	9.0
2009	386.5	34.8	40.3	142.5	9.6	12.1	36.8	26.3	-	77.3	6.8
2010	405.4	33.5	47.1	146.1	10.3	13.0	35.7	31.6	-	80.8	7.1
2011	416.1	35.4	46.1	157.3	10.5	9.1	36.9	36.6	-	76.6	7.7
2012	442.1	31.2	50.2	169.4	8.5	10.9	35.4	38.6	-	89.4	8.6
2013	464.1	62.4	50.8	177.4	10.1	10.2	44.9	42.3	-	56.9	9.3
2014	466.5	67.6	51.0	178.6	9.8	12.0	47.4	48.6	-	45.1	6.4
2015	468.7	57.8	51.8	199.5	12.1	11.3	44.2	47.6	-	37.9	6.4
2016	466.9	58.5	52.6	188.3	12.9	14.1	46.3	51.5	-	38.6	4.1
2017	476.8	44.3	67.3	200.1	11.0	13.9	52.9	60.4	-	23.7	3.1

Nota/Notes:

¹ Mulai 2008, sijil tertinggi diperoleh dikelaskan mengikut konsep *International Standard Classification of Education (ISCED)*

Starting 2008, highest certificate obtained is classified according to the *International Standard Classification of Education (ISCED)*

² Jumlah termasuk angka sijil tertinggi diperoleh "tidak diketahui"

Total includes "unknown" highest certificate obtained

³ Pecahan diploma dan sijil bermula pada tahun 2007

Breakdown of diploma and certificate is available from 2007 onwards

⁴ Berdasarkan Banci Penduduk dan Perumahan 1991, kelas-kelas agama/pondok tidak termasuk dalam istilah pendidikan rasmi

Based on Population and Housing Census 1991, religious classes/'pondok' school are excluded from formal education

Jadual 15: Penduduk bekerja mengikut sijil tertinggi diperoleh¹, Pahang, 1982–2017

Table 15: Employed persons by highest certificate obtained, Pahang, 1982–2017

Tahun Year	('000)										
	Jumlah ² Total	UPSR/UPSRA atau yang setaraf UPSR/UPSRA or equivalent	PT3/PMR/SRP/ LCE/SRA atau yang setaraf PT3/PMR/SRP/LCE/ SRA or equivalent	SPM atau yang setaraf SPM or equivalent	STPM atau yang setaraf STPM or equivalent	Sijil ³ Certificate	Diploma	Ijazah Degree	Sijil agama ⁴ Religious certificate	Tiada sijil No certificate	Tidak berkenaan Not applicable
1982	270.2	-	23.8	31.2	1.7	-	7.6	3.0	0.4	172.5	30.1
1983	333.5	-	21.5	40.2	3.2	-	7.8	3.2	0.7	223.4	33.4
1984	306.9	-	34.8	46.0	2.8	-	6.9	2.9	1.0	178.1	34.4
1985	327.8	-	34.1	47.0	1.7	-	9.1	2.6	1.3	197.1	34.6
1986	315.4	-	27.6	45.6	3.2	-	9.1	3.2	0.5	194.4	31.8
1987	335.9	-	30.5	50.3	4.3	-	8.9	5.9	0.4	204.7	30.8
1988	351.5	-	28.2	57.7	2.7	-	8.0	2.6	0.6	219.9	31.7
1989	379.1	-	36.5	69.0	5.2	-	12.4	5.7	0.4	218.1	31.9
1990	428.8	-	42.9	75.7	6.9	-	17.0	8.2	0.1	250.5	27.6
1992	417.0	-	49.4	86.0	9.1	-	14.5	7.7	-	217.5	32.8
1993	378.7	-	39.3	77.9	9.8	-	15.5	5.3	-	200.9	29.9
1995	371.4	-	58.4	87.5	9.5	-	14.0	5.8	-	159.9	36.1
1996	406.2	-	65.6	97.8	10.3	-	15.4	8.0	-	175.6	33.5
1997	395.4	-	61.1	97.4	9.9	-	15.6	10.4	-	174.1	27.0
1998	364.9	-	54.4	98.0	7.7	-	15.7	8.1	-	158.5	22.5
1999	384.4	-	63.2	108.6	8.0	-	15.8	7.4	-	163.9	17.5
2000	446.8	-	62.7	116.8	11.0	-	23.0	14.4	-	196.0	22.9
2001	437.8	-	64.9	125.9	11.1	-	17.5	15.0	-	179.6	23.8
2002	406.9	-	65.9	120.6	13.0	-	17.1	14.2	-	155.2	21.1
2003	460.0	-	59.9	149.3	10.8	-	21.1	20.0	-	176.9	21.7
2004	526.2	-	80.0	176.0	12.8	-	24.2	22.2	-	181.7	29.2
2005	524.7	-	85.8	195.5	10.9	-	33.5	18.0	-	153.1	27.9
2006	557.4	-	82.1	215.2	11.4	-	32.7	23.9	-	169.8	22.4
2007	561.9	-	83.3	207.8	17.4	11.7	28.2	23.6	-	162.1	27.7
2008	589.8	84.5	87.8	224.3	15.8	13.1	32.3	29.5	-	77.1	25.5
2009	603.7	120.8	94.1	220.5	17.3	13.3	39.3	35.5	-	38.9	23.9
2010	591.0	105.6	92.0	232.8	16.8	15.8	35.9	38.1	-	36.6	17.4
2011	608.4	95.1	94.9	250.1	17.3	16.7	42.2	36.3	-	41.0	14.8
2012	633.1	102.7	96.9	252.1	14.8	17.8	42.6	47.0	-	44.1	15.1
2013	659.8	105.6	101.8	249.3	18.7	17.5	47.3	46.4	-	55.3	17.8
2014	683.2	110.1	97.2	268.1	17.0	21.1	51.8	51.8	-	51.6	14.5
2015	697.5	103.4	102.0	275.6	18.6	22.2	57.8	52.8	-	45.7	19.6
2016	692.2	92.4	98.8	280.0	21.5	20.7	58.8	64.0	-	38.0	18.1
2017	689.8	85.3	98.1	303.3	19.2	17.5	55.3	61.5	-	34.9	14.7

Nota/Notes:

¹ Mulai 2008, sijil tertinggi diperoleh dikelaskan mengikut konsep *International Standard Classification of Education (ISCED)*

Starting 2008, highest certificate obtained is classified according to the *International Standard Classification of Education (ISCED)*

² Jumlah termasuk angka sijil tertinggi diperoleh "tidak diketahui"

Total includes "unknown" highest certificate obtained

³ Pecahan diploma dan sijil bermula pada tahun 2007

Breakdown of diploma and certificate is available from 2007 onwards

⁴ Berdasarkan Banci Penduduk dan Perumahan 1991, kelas-kelas agama/pondok tidak termasuk dalam istilah pendidikan rasmi

Based on Population and Housing Census 1991, religious classes/'pondok' school are excluded from formal education

Jadual 15: Penduduk bekerja mengikut sijil tertinggi diperoleh¹, P.Pinang, 1982–2017

Table 15: Employed persons by highest certificate obtained, P.Pinang, 1982–2017

Tahun Year	('000)										
	Jumlah ² Total	UPSR/UPSRA atau yang setaraf UPSR/UPSRA or equivalent	PT3/PMR/SRP/ LCE/SRA atau yang setaraf PT3/PMR/SRP/LCE/ SRA or equivalent	SPM atau yang setaraf SPM or equivalent	STPM atau yang setaraf STPM or equivalent	Sijil ³ Certificate	Diploma	Ijazah Degree	Sijil agama ⁴ Religious certificate	Tiada sijil No certificate	Tidak berkenaan Not applicable
1982	382.3	-	40.3	50.8	4.0	-	9.2	6.6	0.1	243.1	28.0
1983	404.8	-	44.0	61.9	6.9	-	7.1	8.1	-	250.8	26.0
1984	383.7	-	41.1	67.5	4.7	-	9.0	8.6	0.1	226.3	26.2
1985	388.1	-	35.8	72.6	6.2	-	11.0	9.6	-	230.3	22.7
1986	391.4	-	38.9	78.2	9.4	-	10.4	10.1	0.1	223.7	20.6
1987	404.8	-	42.1	81.9	7.1	-	8.7	8.6	0.1	233.5	22.9
1988	398.9	-	43.2	84.0	9.5	-	12.0	9.3	-	224.3	16.6
1989	436.3	-	37.5	98.6	15.5	-	7.9	10.2	0.2	247.5	18.8
1990	457.2	-	42.0	107.5	11.7	-	14.6	11.0	0.3	254.4	15.7
1992	512.6	-	79.8	166.0	21.7	-	15.1	16.5	-	197.0	16.5
1993	531.0	-	99.8	209.6	30.0	-	6.2	17.3	-	143.9	24.3
1995	485.8	-	97.7	182.4	23.7	-	16.8	15.5	-	133.8	15.9
1996	449.4	-	80.0	160.8	17.6	-	18.6	16.0	-	145.7	10.7
1997	552.0	-	88.5	183.3	21.3	-	30.0	22.5	-	191.1	15.3
1998	585.2	-	80.0	177.5	17.9	-	30.5	30.0	-	232.0	17.3
1999	602.9	-	88.8	198.9	21.9	-	35.3	31.1	-	207.6	19.1
2000	669.2	-	97.8	232.3	25.3	-	34.9	35.4	-	224.0	19.6
2001	714.9	-	101.7	249.3	27.6	-	37.9	49.3	-	233.9	15.1
2002	643.1	-	110.3	237.2	25.6	-	45.1	45.0	-	163.4	16.5
2003	674.4	-	101.6	258.0	27.5	-	47.3	47.8	-	179.7	12.3
2004	625.0	-	80.7	235.2	18.9	-	46.0	45.3	-	187.1	11.7
2005	621.5	-	84.6	229.4	19.0	-	57.5	53.3	-	166.3	11.4
2006	647.7	-	89.5	238.2	21.1	-	55.1	61.3	-	171.4	10.9
2007	653.5	-	73.6	234.7	19.3	11.9	54.2	62.6	-	184.9	12.4
2008	674.9	61.3	98.1	245.9	20.1	15.9	59.2	68.8	-	94.4	11.2
2009	689.8	40.6	86.9	255.9	23.1	14.1	65.0	70.5	-	122.7	11.0
2010	742.3	60.6	103.5	275.8	21.0	18.9	68.2	82.5	-	102.7	9.2
2011	772.8	78.1	112.1	283.5	23.8	19.9	75.1	81.8	-	89.3	9.2
2012	779.8	94.4	110.9	282.0	22.7	22.5	77.8	79.9	-	81.2	8.3
2013	811.9	116.9	118.8	290.9	21.8	17.0	76.3	89.4	-	71.5	9.3
2014	839.2	94.0	113.4	349.4	26.8	24.3	78.6	101.7	-	43.1	7.9
2015	834.2	95.5	123.7	319.4	26.5	21.9	92.5	108.1	-	40.4	6.2
2016	827.4	86.8	136.7	311.1	22.7	20.8	91.1	130.2	-	22.3	5.7
2017	822.2	90.8	116.7	319.0	22.4	20.9	90.6	127.7	-	26.9	7.2

Nota/Notes:

¹ Mulai 2008, sijil tertinggi diperoleh dikelaskan mengikut konsep *International Standard Classification of Education (ISCED)*

Starting 2008, highest certificate obtained is classified according to the *International Standard Classification of Education (ISCED)*

² Jumlah termasuk angka sijil tertinggi diperoleh "tidak diketahui"

Total includes "unknown" highest certificate obtained

³ Pecahan diploma dan sijil bermula pada tahun 2007

Breakdown of diploma and certificate is available from 2007 onwards

⁴ Berdasarkan Banci Penduduk dan Perumahan 1991, kelas-kelas agama/pondok tidak termasuk dalam istilah pendidikan rasmi

Based on Population and Housing Census 1991, religious classes/'pondok' school are excluded from formal education

Jadual 15: Penduduk bekerja mengikut sijil tertinggi diperoleh¹, Perak, 1982-2017

Table 15: Employed persons by highest certificate obtained, Perak, 1982-2017

Tahun Year	('000)										
	Jumlah ² Total	UPSR/UPSRA atau yang setaraf UPSR/UPSRA or equivalent	PT3/PMR/SRP/ LCE/SRA atau yang setaraf PT3/PMR/SRP/LCE/ SRA or equivalent	SPM atau yang setaraf SPM or equivalent	STPM atau yang setaraf STPM or equivalent	Sijil ³ Certificate	Diploma	Ijazah Degree	Sijil agama ⁴ Religious certificate	Tiada sijil No certificate	Tidak berkenaan Not applicable
1982	604.0	-	55.9	47.0	3.0	-	17.5	4.6	1.1	402.7	72.3
1983	669.2	-	71.2	60.1	4.2	-	13.7	5.2	1.7	429.6	83.6
1984	659.6	-	62.8	68.9	4.5	-	16.5	7.4	1.5	418.2	79.8
1985	669.6	-	60.8	75.5	4.6	-	17.7	8.1	1.2	424.0	77.5
1986	669.9	-	60.5	80.1	5.6	-	20.7	8.7	0.9	419.2	74.0
1987	670.5	-	67.3	77.4	7.2	-	21.2	8.2	1.2	423.2	64.8
1988	656.7	-	70.0	80.6	6.9	-	23.0	7.7	0.9	407.1	60.6
1989	686.7	-	64.5	92.4	10.2	-	20.8	8.4	0.6	431.4	58.5
1990	678.2	-	57.3	105.0	9.9	-	20.1	10.4	0.7	412.1	62.8
1992	692.9	-	76.1	121.3	16.1	-	26.2	10.7	-	389.5	53.0
1993	669.8	-	79.2	127.9	11.6	-	22.3	13.5	-	374.3	41.0
1995	634.3	-	90.1	130.3	13.1	-	20.7	9.1	-	331.3	39.7
1996	723.0	-	66.4	151.9	14.2	-	22.0	14.3	-	410.4	43.8
1997	744.2	-	107.5	194.9	16.1	-	32.1	17.2	-	335.7	40.7
1998	685.0	-	79.9	154.5	15.9	-	26.1	14.9	-	349.8	43.9
1999	684.5	-	95.0	183.4	13.4	-	22.0	15.3	-	318.8	36.6
2000	744.1	-	89.5	197.1	18.6	-	32.6	21.0	-	349.0	36.2
2001	730.7	-	101.2	208.3	16.5	-	27.5	20.8	-	328.1	28.2
2002	788.3	-	111.6	239.3	17.2	-	41.0	25.1	-	321.2	32.7
2003	734.6	-	110.8	226.3	15.9	-	34.0	27.6	-	297.4	22.7
2004	791.0	-	124.9	249.9	17.7	-	46.1	31.9	-	290.4	30.3
2005	801.2	-	131.5	280.4	18.8	-	53.8	25.4	-	262.3	29.2
2006	815.9	-	110.6	278.2	18.5	-	42.9	34.8	-	305.7	25.3
2007	852.2	-	133.7	310.6	22.0	16.2	42.9	31.5	-	269.3	25.9
2008	858.9	108.4	144.5	320.8	23.7	14.6	46.8	37.8	-	135.2	27.2
2009	891.6	99.2	142.6	351.2	24.3	18.5	60.8	51.3	-	116.9	26.8
2010	878.7	115.4	148.7	337.8	24.5	21.8	51.9	56.2	-	100.4	22.1
2011	919.7	126.0	163.3	351.1	27.2	22.0	58.4	65.0	-	90.2	16.7
2012	927.1	145.3	164.8	365.3	22.1	17.3	64.2	62.0	-	72.7	13.4
2013	947.8	142.0	170.7	378.0	25.6	18.9	66.5	58.9	-	71.3	15.9
2014	954.1	116.6	170.6	402.2	23.7	23.9	77.1	67.9	-	60.2	11.8
2015	981.8	127.5	165.1	402.9	23.1	25.9	87.5	75.1	-	55.5	19.2
2016	988.2	128.1	171.9	412.1	26.9	23.3	84.2	91.4	-	39.3	11.2
2017	1,009.3	122.5	166.6	422.2	24.4	26.0	82.0	97.8	-	47.4	20.4

Nota/Notes:

¹ Mulai 2008, sijil tertinggi diperoleh dikelaskan mengikut konsep *International Standard Classification of Education (ISCED)*

Starting 2008, highest certificate obtained is classified according to the *International Standard Classification of Education (ISCED)*

² Jumlah termasuk angka sijil tertinggi diperoleh "tidak diketahui"

Total includes "unknown" highest certificate obtained

³ Pecahan diploma dan sijil bermula pada tahun 2007

Breakdown of diploma and certificate is available from 2007 onwards

⁴ Berdasarkan Banci Penduduk dan Perumahan 1991, kelas-kelas agama/pondok tidak termasuk dalam istilah pendidikan rasmi

Based on Population and Housing Census 1991, religious classes/'pondok' school are excluded from formal education

Jadual 15: Penduduk bekerja mengikut sijil tertinggi diperoleh¹, Perlis, 1982-2017

Table 15: Employed persons by highest certificate obtained, Perlis, 1982-2017

Tahun Year	('000)										
	Jumlah ² Total	UPSR/UPSRA atau yang setaraf UPSR/UPSRA or equivalent	PT3/PMR/SRP/ LCE/SRA atau yang setaraf PT3/PMR/SRP/LCE/ SRA or equivalent	SPM atau yang setaraf SPM or equivalent	STPM atau yang setaraf STPM or equivalent	Sijil ³ Certificate	Diploma Diploma	Ijazah Degree	Sijil agama ⁴ Religious certificate	Tiada sijil No certificate	Tidak berkenaan Not applicable
1982	55.7	-	3.9	4.3	0.4	-	1.8	0.6	0.1	35.0	9.6
1983	63.8	-	4.1	6.6	0.3	-	1.3	0.1	-	43.8	7.6
1984	61.8	-	4.8	7.3	0.4	-	1.9	0.5	-	40.2	6.8
1985	60.5	-	5.0	7.8	0.2	-	2.3	1.2	0.1	36.9	7.0
1986	57.6	-	5.6	7.9	0.2	-	1.5	1.1	0.3	33.6	7.5
1987	60.6	-	5.8	9.0	0.8	-	1.7	1.1	0.1	36.3	5.9
1988	65.5	-	6.4	13.5	0.4	-	1.0	1.6	0.9	35.3	6.5
1989	66.3	-	5.3	15.2	1.0	-	2.3	1.1	0.3	34.5	6.7
1990	57.1	-	6.1	9.9	0.9	-	1.8	0.6	-	33.1	4.6
1992	66.9	-	6.9	13.7	1.9	-	2.5	1.6	-	33.8	6.5
1993	70.7	-	4.3	22.0	1.0	-	1.9	0.6	-	32.1	8.8
1995	70.8	-	8.8	16.1	2.1	-	1.9	1.4	-	32.2	8.4
1996	70.1	-	8.8	16.6	1.7	-	3.0	2.0	-	33.0	5.1
1997	70.1	-	9.1	18.3	2.0	-	3.2	1.5	-	31.1	4.9
1998	71.0	-	12.5	19.2	2.4	-	2.8	1.6	-	27.6	5.0
1999	78.5	-	12.8	23.5	3.0	-	3.5	2.1	-	27.5	6.1
2000	74.8	-	12.1	23.8	2.5	-	4.1	2.5	-	26.4	3.5
2001	82.9	-	13.6	26.4	2.6	-	3.2	2.9	-	29.3	4.9
2002	57.0	-	8.6	18.0	2.4	-	3.7	2.5	-	18.7	3.0
2003	76.6	-	16.1	25.8	3.0	-	3.7	3.1	-	20.8	4.2
2004	73.8	-	14.7	26.3	3.0	-	4.2	3.1	-	19.1	3.4
2005	74.0	-	13.5	29.7	3.0	-	5.8	3.7	-	15.4	3.1
2006	74.5	-	12.9	28.6	3.0	-	5.4	3.3	-	18.1	3.2
2007	80.0	-	15.2	30.6	3.5	1.9	4.6	4.9	-	16.8	2.5
2008	81.5	7.1	13.3	33.2	4.0	2.3	5.1	6.1	-	7.7	2.7
2009	81.5	6.8	14.3	32.5	3.7	2.8	5.7	6.4	-	6.6	2.6
2010	80.9	9.6	13.9	31.7	3.4	2.7	4.9	7.2	-	4.2	3.2
2011	83.3	12.2	14.7	31.9	3.5	2.3	5.8	7.4	-	3.4	2.2
2012	87.1	12.2	16.4	35.5	3.8	2.4	5.2	6.9	-	2.7	2.2
2013	94.3	12.3	17.1	40.8	3.8	2.6	6.2	6.4	-	2.8	2.3
2014	95.2	10.9	14.1	42.0	4.5	2.8	7.7	8.9	-	3.0	1.4
2015	98.2	10.0	14.6	45.6	4.2	3.5	8.0	9.4	-	1.7	1.1
2016	100.1	10.1	14.8	45.7	4.1	2.9	8.7	10.7	-	1.7	1.7
2017	97.9	6.5	13.9	43.3	4.7	3.7	8.5	13.2	-	2.6	1.4

Nota/Notes:

¹ Mulai 2008, sijil tertinggi diperoleh dikelaskan mengikut konsep *International Standard Classification of Education (ISCED)*

Starting 2008, highest certificate obtained is classified according to the *International Standard Classification of Education (ISCED)*

² Jumlah termasuk angka sijil tertinggi diperoleh "tidak diketahui"

Total includes "unknown" highest certificate obtained

³ Pecahan diploma dan sijil bermula pada tahun 2007

Breakdown of diploma and certificate is available from 2007 onwards

⁴ Berdasarkan Banci Penduduk dan Perumahan 1991, kelas-kelas agama/pondok tidak termasuk dalam istilah pendidikan rasmi

Based on Population and Housing Census 1991, religious classes/'pondok' school are excluded from formal education

Jadual 15: Penduduk bekerja mengikut sijil tertinggi diperoleh¹, Selangor, 1982–2017

Table 15: Employed persons by highest certificate obtained, Selangor, 1982–2017

Tahun Year	('000)										
	Jumlah ² Total	UPSR/UPSRA atau yang setaraf UPSR/UPSRA or equivalent	PT3/PMR/SRP/ LCE/SRA atau yang setaraf PT3/PMR/SRP/LCE/ SRA or equivalent	SPM atau yang setaraf SPM or equivalent	STPM atau yang setaraf STPM or equivalent	Sijil ³ Certificate	Diploma Diploma	Ijazah Degree	Sijil agama ⁴ Religious certificate	Tiada sijil No certificate	Tidak berkenaan Not applicable
1982	676.9	-	67.4	132.5	14.5	-	22.7	28.1	0.7	365.8	45.2
1983	739.9	-	67.3	150.2	16.5	-	20.6	25.3	1.1	405.3	53.7
1984	690.3	-	77.1	155.5	16.4	-	24.0	29.6	0.6	339.6	47.7
1985	706.1	-	80.0	163.0	17.3	-	23.9	31.0	1.6	350.1	39.1
1986	777.1	-	72.7	181.1	21.5	-	31.0	37.4	1.4	389.6	42.4
1987	865.0	-	84.5	204.5	25.0	-	32.6	44.8	1.2	425.5	46.9
1988	893.1	-	70.1	213.2	28.8	-	30.8	51.7	0.7	452.1	45.5
1989	900.3	-	78.7	244.2	36.8	-	38.5	47.0	0.9	411.8	42.3
1990	1,039.4	-	86.9	297.6	38.6	-	43.0	55.3	0.4	476.9	40.8
1992	1,069.6	-	194.1	349.3	56.5	-	49.9	68.6	-	310.3	40.9
1993	1,080.1	-	165.9	345.1	46.5	-	49.1	66.4	-	370.9	36.1
1995	1,338.9	-	196.1	444.6	71.9	-	86.0	96.9	-	384.9	56.1
1996	1,359.0	-	179.6	408.0	57.4	-	102.5	104.7	-	458.4	48.1
1997	1,329.9	-	138.2	437.5	59.8	-	103.8	104.9	-	446.9	38.7
1998	1,430.4	-	155.3	477.9	59.5	-	113.1	116.6	-	471.5	36.5
1999	1,427.2	-	164.2	497.9	55.3	-	115.1	127.1	-	430.9	36.5
2000	1,681.5	-	182.8	562.2	55.3	-	155.8	165.5	-	528.5	31.4
2001	1,514.7	-	166.0	537.2	54.7	-	157.2	170.8	-	403.4	24.8
2002	1,749.9	-	201.9	596.7	57.6	-	199.3	209.6	-	443.1	41.3
2003	1,834.2	-	203.3	650.3	60.2	-	225.8	219.7	-	437.2	37.4
2004	1,973.3	-	227.2	674.8	66.6	-	230.3	263.6	-	466.6	44.3
2005	1,985.9	-	250.9	711.2	60.6	-	255.4	262.3	-	397.2	48.3
2006	2,017.6	-	249.6	745.0	67.0	-	234.7	295.1	-	399.9	26.3
2007	2,064.2	-	241.8	770.3	66.9	66.1	215.2	273.8	-	383.7	46.2
2008	2,092.0	165.9	273.9	817.4	54.1	37.1	206.5	305.5	-	180.8	50.7
2009	2,095.3	186.4	241.2	813.4	60.6	45.2	252.7	352.9	-	106.4	36.6
2010	2,634.4	228.8	268.6	1,045.5	75.4	70.1	318.0	442.6	-	137.6	47.7
2011	2,645.2	272.1	312.7	1,005.9	68.3	75.8	319.0	442.4	-	113.3	35.9
2012	2,776.1	276.1	320.4	1,061.7	77.8	72.2	317.6	513.6	-	108.0	28.8
2013	2,933.3	312.3	338.7	1,112.8	67.0	67.7	378.6	527.9	-	105.9	22.4
2014	3,033.6	292.9	342.7	1,159.3	70.0	89.7	384.2	548.4	-	125.0	21.7
2015	3,135.0	344.9	336.1	1,102.6	68.5	84.6	450.9	611.1	-	109.5	26.8
2016	3,217.6	304.4	384.1	1,228.4	77.7	81.3	424.9	620.8	-	67.9	28.2
2017	3,359.5	270.6	359.0	1,346.0	64.9	79.4	441.5	695.8	-	68.2	34.1

Nota/Notes:

¹ Mulai 2008, sijil tertinggi diperoleh dikelaskan mengikut konsep *International Standard Classification of Education (ISCED)*

Starting 2008, highest certificate obtained is classified according to the *International Standard Classification of Education (ISCED)*

² Jumlah termasuk angka sijil tertinggi diperoleh "tidak diketahui"

Total includes "unknown" highest certificate obtained

³ Pecahan diploma dan sijil bermula pada tahun 2007

Breakdown of diploma and certificate is available from 2007 onwards

⁴ Berdasarkan Banci Penduduk dan Perumahan 1991, kelas-kelas agama/pondok tidak termasuk dalam istilah pendidikan rasmi

Based on Population and Housing Census 1991, religious classes/'pondok' school are excluded from formal education

Jadual 15: Penduduk bekerja mengikut sijil tertinggi diperoleh¹, Terengganu, 1982-2017

Table 15: Employed persons by highest certificate obtained, Terengganu, 1982-2017

Tahun Year	('000)										
	Jumlah ² Total	UPSR/UPSRA atau yang setaraf UPSR/UPSRA or equivalent	PT3/PMR/SRP/ LCE/SRA atau yang setaraf PT3/PMR/SRP/LCE/ SRA or equivalent	SPM atau yang setaraf SPM or equivalent	STPM atau yang setaraf STPM or equivalent	Sijil ³ Certificate	Diploma	Ijazah Degree	Sijil agama ⁴ Religious certificate	Tiada sijil No certificate	Tidak berkenaan Not applicable
1982	221.1	-	13.7	22.4	0.6	-	5.2	2.2	0.6	116.2	60.3
1983	236.9	-	14.5	27.1	1.2	-	9.7	2.2	0.9	132.0	49.2
1984	204.4	-	15.5	26.7	1.3	-	6.7	2.8	0.4	107.5	43.6
1985	212.4	-	15.1	28.9	1.2	-	7.5	3.7	0.7	109.2	46.0
1986	218.4	-	16.4	33.7	2.3	-	6.8	3.9	0.9	112.5	41.9
1987	208.9	-	14.5	37.0	3.8	-	7.2	3.3	0.6	103.0	39.5
1988	229.8	-	17.8	39.0	4.9	-	7.8	4.3	1.3	113.3	41.5
1989	229.9	-	16.2	41.2	4.2	-	7.4	4.0	0.4	116.3	40.3
1990	227.6	-	15.7	48.7	4.0	-	6.0	3.3	0.3	112.1	37.7
1992	252.9	-	22.1	53.4	8.0	-	12.2	5.4	-	118.8	33.1
1993	280.9	-	25.2	69.8	7.1	-	11.2	5.1	-	133.9	28.5
1995	268.0	-	31.8	72.0	11.5	-	12.7	7.0	-	103.6	29.2
1996	298.0	-	25.8	74.8	8.9	-	13.3	7.4	-	134.5	33.4
1997	282.3	-	33.5	84.2	9.8	-	14.1	8.1	-	104.3	28.3
1998	293.5	-	34.3	82.8	9.3	-	14.7	7.9	-	110.8	33.7
1999	300.1	-	32.9	93.9	10.0	-	15.5	10.7	-	112.8	24.3
2000	306.0	-	38.2	100.6	10.6	-	17.8	12.0	-	102.5	24.1
2001	298.6	-	35.3	101.2	10.0	-	16.7	13.4	-	103.5	18.5
2002	279.6	-	37.4	96.7	9.8	-	15.4	14.0	-	91.8	14.6
2003	344.9	-	42.8	115.8	12.2	-	24.9	18.4	-	111.4	19.3
2004	336.9	-	38.4	117.1	13.4	-	24.8	17.6	-	108.7	16.8
2005	342.0	-	41.9	122.0	14.2	-	29.4	19.5	-	99.9	15.1
2006	351.5	-	47.6	133.4	11.3	-	30.3	23.1	-	89.2	16.8
2007	363.0	-	49.4	136.2	13.2	11.3	26.4	23.8	-	89.3	13.7
2008	375.5	52.6	49.8	142.0	15.2	14.0	28.2	27.0	-	32.6	14.1
2009	390.3	50.0	53.0	151.7	14.6	17.6	30.2	28.0	-	31.4	13.9
2010	366.6	34.6	50.8	143.2	12.2	17.4	26.4	27.8	-	43.7	10.5
2011	390.3	34.4	49.2	154.2	15.6	17.2	31.6	32.5	-	41.2	14.3
2012	389.6	32.0	51.1	162.3	14.2	18.8	29.6	30.2	-	39.8	11.6
2013	407.0	33.2	51.4	169.4	14.8	16.0	29.9	31.3	-	50.0	11.0
2014	414.9	27.8	48.0	174.9	16.0	20.2	36.3	35.9	-	41.3	14.4
2015	420.5	29.3	44.4	188.4	13.6	20.1	38.4	40.0	-	34.6	11.7
2016	428.5	30.0	48.3	182.6	15.7	20.8	42.4	47.1	-	32.0	9.6
2017	435.9	21.4	48.3	191.2	15.4	23.6	43.6	51.6	-	29.7	11.2

Nota/Notes:

¹ Mulai 2008, sijil tertinggi diperoleh dikelaskan mengikut konsep *International Standard Classification of Education (ISCED)*

Starting 2008, highest certificate obtained is classified according to the *International Standard Classification of Education (ISCED)*

² Jumlah termasuk angka sijil tertinggi diperoleh "tidak diketahui"

Total includes "unknown" highest certificate obtained

³ Pecahan diploma dan sijil bermula pada tahun 2007

Breakdown of diploma and certificate is available from 2007 onwards

⁴ Berdasarkan Banci Penduduk dan Perumahan 1991, kelas-kelas agama/pondok tidak termasuk dalam istilah pendidikan rasmi

Based on Population and Housing Census 1991, religious classes/'pondok' school are excluded from formal education

Jadual 15: Penduduk bekerja mengikut sijil tertinggi diperoleh¹, Sabah, 1982–2017

Table 15: Employed persons by highest certificate obtained, Sabah, 1982–2017

Tahun Year	('000)										
	Jumlah ² Total	UPSR/UPSRA atau yang setaraf UPSR/UPSRA or equivalent	PT3/PMR/SRP/ LCE/SRA atau yang setaraf PT3/PMR/SRP/LCE/ SRA or equivalent	SPM atau yang setaraf SPM or equivalent	STPM atau yang setaraf STPM or equivalent	Sijil ³ Certificate	Diploma	Ijazah Degree	Sijil agama ⁴ Religious certificate	Tiada sijil No certificate	Tidak berkenaan Not applicable
1982	343.6	-	41.1	26.1	2.8	-	2.8	4.3	0.3	175.6	90.5
1983	377.7	-	43.2	32.9	3.1	-	3.1	4.9	0.4	191.8	98.4
1984	400.3	-	39.2	30.8	2.5	-	4.7	5.8	0.2	211.4	105.6
1985	403.4	-	37.7	30.6	2.3	-	4.2	6.1	0.2	215.4	106.8
1986	405.5	-	39.4	32.9	3.7	-	4.5	6.0	0.2	218.8	100.0
1987	424.3	-	38.7	36.4	3.8	-	4.7	7.8	0.2	229.8	102.8
1988	424.6	-	43.9	41.1	3.9	-	4.1	6.3	0.1	230.6	94.7
1989	442.3	-	44.3	41.3	3.2	-	6.0	5.0	0.1	248.0	94.6
1990	436.9	-	49.1	50.0	4.8	-	5.2	7.1	-	230.9	89.7
1992	491.5	-	48.3	58.2	6.7	-	6.3	7.1	-	260.0	105.0
1993	674.0	-	80.4	108.1	15.4	-	8.0	11.3	-	333.0	117.9
1995	722.7	-	81.4	99.3	13.6	-	10.7	11.3	-	374.7	131.6
1996	992.5	-	121.1	134.5	14.6	-	15.8	14.3	-	543.3	148.4
1997	1,000.1	-	127.2	137.6	21.2	-	18.5	14.0	-	546.0	135.6
1998	1,068.3	-	126.6	150.7	18.3	-	24.0	17.8	-	587.1	143.5
1999	1,101.8	-	139.4	164.0	22.0	-	24.7	19.3	-	593.7	138.6
2000	933.8	-	124.0	172.5	19.7	-	35.2	24.8	-	445.2	112.3
2001	979.1	-	113.7	178.9	20.6	-	30.2	29.7	-	494.9	111.0
2002	1,028.8	-	125.2	190.2	22.5	-	41.2	35.0	-	501.8	112.7
2003	1,073.1	-	126.6	207.6	22.6	-	41.8	36.6	-	519.6	117.7
2004	1,081.7	-	128.6	219.4	26.7	-	51.8	31.9	-	508.8	114.4
2005	1,106.8	-	125.0	234.4	27.5	-	51.3	36.1	-	517.1	115.5
2006	1,160.2	-	128.2	270.9	30.6	-	60.1	38.7	-	532.2	99.4
2007	1,198.6	-	128.3	262.6	42.0	14.7	51.0	48.3	-	533.6	118.0
2008	1,230.5	205.2	151.5	311.4	39.6	11.4	56.0	57.9	-	250.5	147.0
2009	1,270.6	243.3	167.8	318.0	45.8	16.7	63.0	68.5	-	219.5	128.1
2010	1,398.6	311.7	180.1	324.8	38.8	19.1	65.8	65.2	-	242.3	150.8
2011	1,474.4	286.0	192.1	354.2	48.9	22.4	74.9	79.4	-	260.9	155.6
2012	1,537.4	326.4	204.1	396.1	52.0	18.2	64.9	80.6	-	254.4	140.8
2013	1,706.0	342.8	228.9	426.4	50.4	20.3	87.7	85.7	-	305.7	158.2
2014	1,740.9	351.8	229.3	427.8	62.5	19.4	90.8	100.9	-	300.7	157.8
2015	1,771.1	360.2	228.8	438.1	61.5	21.6	87.0	114.6	-	279.4	180.0
2016	1,823.7	375.5	217.2	479.7	65.8	24.2	91.3	101.6	-	313.8	154.9
2017	1,795.9	360.1	232.9	478.3	62.7	19.7	94.1	117.7	-	263.6	166.8

Nota/Notes:

¹ Mulai 2008, sijil tertinggi diperoleh dikelaskan mengikut konsep *International Standard Classification of Education (ISCED)*

Starting 2008, highest certificate obtained is classified according to the *International Standard Classification of Education (ISCED)*

² Jumlah termasuk angka sijil tertinggi diperoleh "tidak diketahui"

Total includes "unknown" highest certificate obtained

³ Pecahan diploma dan sijil bermula pada tahun 2007

Breakdown of diploma and certificate is available from 2007 onwards

⁴ Berdasarkan Banci Penduduk dan Perumahan 1991, kelas-kelas agama/pondok tidak termasuk dalam istilah pendidikan rasmi

Based on Population and Housing Census 1991, religious classes/'pondok' school are excluded from formal education

Jadual 15: Penduduk bekerja mengikut sijil tertinggi diperoleh¹, Sarawak, 1982–2017

Table 15: Employed persons by highest certificate obtained, Sarawak, 1982–2017

Tahun Year	('000)										
	Jumlah ² Total	UPSR/UPSRA atau yang setaraf UPSR/UPSRA or equivalent	PT3/PMR/SRP/ LCE/SRA atau yang setaraf PT3/PMR/SRP/LCE/ SRA or equivalent	SPM atau yang setaraf SPM or equivalent	STPM atau yang setaraf STPM or equivalent	Sijil ³ Certificate	Diploma	Ijazah Degree	Sijil agama ⁴ Religious certificate	Tiada sijil No certificate	Tidak berkenaan Not applicable
1982	524.7	-	36.9	35.7	3.2	-	10.1	5.7	0.1	246.0	187.1
1983	540.1	-	42.4	37.5	3.1	-	10.3	6.2	0.1	258.2	182.2
1984	575.3	-	46.5	39.4	2.9	-	12.2	7.7	-	285.4	181.1
1985	587.5	-	45.6	42.6	4.2	-	11.9	9.6	0.2	295.2	178.3
1986	614.3	-	50.9	50.8	5.3	-	12.5	9.2	0.1	306.5	179.0
1987	642.0	-	63.3	52.0	4.8	-	13.2	8.5	0.1	331.5	168.6
1988	637.1	-	61.0	56.2	4.2	-	12.7	10.8	0.3	330.2	161.8
1989	687.2	-	59.2	68.8	5.6	-	15.5	11.7	0.3	352.2	173.9
1990	698.9	-	60.6	79.0	6.9	-	18.2	10.0	-	363.3	160.8
1992	711.3	-	73.2	94.0	11.2	-	17.0	13.2	-	356.8	145.9
1993	753.8	-	83.6	104.3	14.9	-	20.0	15.5	-	381.9	133.6
1995	789.2	-	86.2	122.6	15.8	-	27.8	14.2	-	379.6	142.9
1996	831.5	-	91.8	129.3	16.0	-	31.7	20.0	-	410.8	131.8
1997	831.5	-	102.1	139.2	17.1	-	33.4	18.6	-	395.4	125.7
1998	824.3	-	110.3	143.3	19.5	-	31.6	21.4	-	368.3	129.9
1999	865.0	-	121.8	177.8	22.0	-	35.8	27.0	-	370.7	109.6
2000	876.3	-	108.9	167.6	16.8	-	38.0	21.1	-	399.3	124.3
2001	877.4	-	110.9	175.7	20.1	-	40.3	28.0	-	391.8	110.8
2002	917.7	-	119.0	181.8	18.6	-	43.6	29.1	-	400.9	124.6
2003	909.9	-	124.1	195.6	18.9	-	44.8	35.5	-	382.8	107.9
2004	918.6	-	116.7	209.9	19.8	-	55.7	44.8	-	367.5	103.8
2005	910.9	-	125.2	217.6	22.0	-	52.4	46.2	-	348.0	99.3
2006	918.3	-	121.8	239.0	20.3	-	50.5	46.7	-	350.8	89.1
2007	954.1	-	127.5	250.5	23.7	15.9	47.7	57.3	-	339.0	92.6
2008	921.7	164.4	137.3	273.3	29.9	10.1	45.2	48.8	-	132.3	80.3
2009	977.5	171.6	146.4	290.5	32.2	13.3	53.9	59.7	-	129.3	80.5
2010	1,045.6	200.6	178.8	302.1	32.7	16.7	49.9	64.9	-	109.3	90.6
2011	1,058.1	193.8	180.6	326.5	29.4	20.4	57.8	72.7	-	105.5	71.4
2012	1,143.9	220.7	190.0	335.7	37.5	22.3	64.5	77.4	-	111.3	84.6
2013	1,188.5	257.9	186.5	359.9	41.8	18.1	68.4	69.0	-	102.4	84.5
2014	1,232.2	244.7	209.3	398.2	38.4	22.6	75.8	85.4	-	85.0	72.8
2015	1,214.8	247.1	202.0	371.3	36.7	24.2	78.9	101.2	-	88.6	64.7
2016	1,218.2	241.4	195.8	404.3	42.4	23.6	76.0	99.0	-	77.0	58.6
2017	1,251.8	218.9	229.3	442.2	48.1	20.5	75.3	104.2	-	64.1	49.2

Nota/Notes:

¹ Mulai 2008, sijil tertinggi diperoleh dikelaskan mengikut konsep *International Standard Classification of Education (ISCED)*

Starting 2008, highest certificate obtained is classified according to the *International Standard Classification of Education (ISCED)*

² Jumlah termasuk angka sijil tertinggi diperoleh "tidak diketahui"

Total includes "unknown" highest certificate obtained

³ Pecahan diploma dan sijil bermula pada tahun 2007

Breakdown of diploma and certificate is available from 2007 onwards

⁴ Berdasarkan Banci Penduduk dan Perumahan 1991, kelas-kelas agama/pondok tidak termasuk dalam istilah pendidikan rasmi

Based on Population and Housing Census 1991, religious classes/'pondok' school are excluded from formal education

Jadual 15: Penduduk bekerja mengikut sijil tertinggi diperoleh¹, W.P. Kuala Lumpur, 1982–2017

Table 15: Employed persons by highest certificate obtained, W.P. Kuala Lumpur, 1982–2017

Tahun Year	('000)										
	Jumlah ² Total	UPSR/UPSRA atau yang setaraf UPSR/UPSRA or equivalent	PT3/PMR/SRP/ LCE/SRA atau yang setaraf PT3/PMR/SRP/LCE/ SRA or equivalent	SPM atau yang setaraf SPM or equivalent	STPM atau yang setaraf STPM or equivalent	Sijil ³ Certificate	Diploma Diploma	Ijazah Degree	Sijil agama ⁴ Religious certificate	Tiada sijil No certificate	Tidak berkenaan Not applicable
1982	463.6	-	58.8	100.2	9.5	-	12.1	16.0	0.2	248.4	18.5
1983	430.7	-	50.9	98.8	9.4	-	11.2	13.1	0.8	228.6	18.0
1984	485.4	-	79.9	128.8	15.0	-	8.5	19.2	0.4	210.7	22.9
1985	491.7	-	77.4	127.3	15.1	-	11.4	22.2	0.6	218.8	18.7
1986	455.0	-	57.6	124.7	15.7	-	10.9	23.4	0.3	205.2	17.2
1987	457.9	-	57.9	130.4	19.1	-	12.3	24.6	0.3	198.2	15.0
1988	469.6	-	46.6	133.1	21.5	-	12.9	23.3	0.4	218.1	13.7
1989	504.7	-	49.6	151.8	24.1	-	16.7	26.4	0.2	222.1	13.9
1990	490.7	-	40.5	155.9	23.0	-	17.0	25.9	0.3	214.8	13.4
1992	555.8	-	113.3	195.9	32.3	-	25.5	36.7	-	137.5	14.7
1993	580.5	-	83.3	186.4	30.3	-	29.4	36.9	-	201.2	12.9
1995	588.4	-	90.4	214.0	30.7	-	36.0	43.4	-	156.7	17.0
1996	697.8	-	100.9	228.5	38.5	-	54.0	67.0	-	185.4	23.6
1997	691.0	-	102.4	239.7	35.5	-	62.6	78.8	-	153.8	18.1
1998	668.3	-	104.8	236.2	42.9	-	60.2	80.0	-	127.2	17.2
1999	689.7	-	101.3	249.1	29.2	-	70.9	92.2	-	132.3	14.7
2000	662.8	-	98.6	258.8	27.6	-	66.1	80.5	-	121.9	9.3
2001	703.7	-	102.5	248.9	25.3	-	90.2	98.0	-	125.6	13.2
2002	794.1	-	118.3	274.0	27.9	-	93.9	117.5	-	155.2	7.4
2003	715.1	-	100.2	254.4	23.8	-	86.4	115.6	-	127.5	7.1
2004	671.7	-	86.8	229.3	22.1	-	94.1	110.0	-	119.2	10.2
2005	675.2	-	87.7	250.1	18.7	-	92.1	112.1	-	108.5	6.0
2006	676.6	-	89.6	241.4	18.9	-	87.5	114.6	-	115.3	9.2
2007	682.1	-	92.8	265.7	18.3	15.2	71.4	101.3	-	112.1	5.4
2008	682.2	22.9	78.7	285.3	23.2	10.8	82.1	101.4	-	71.5	6.3
2009	678.1	55.2	83.3	260.9	19.7	9.6	89.2	118.2	-	36.9	5.1
2010	788.0	56.3	100.2	296.4	22.3	12.0	104.1	147.6	-	42.2	7.0
2011	812.5	66.8	95.8	313.4	21.4	13.8	112.4	133.4	-	48.7	6.9
2012	820.4	61.7	104.6	307.7	17.4	16.6	112.3	141.2	-	51.3	7.7
2013	877.8	81.0	104.5	354.0	21.3	14.0	127.9	141.9	-	25.0	8.0
2014	852.0	65.2	95.5	319.4	19.6	13.1	124.7	180.7	-	25.9	7.9
2015	853.4	56.4	99.5	325.5	22.3	12.5	123.0	189.8	-	21.4	3.0
2016	827.2	49.4	80.5	324.6	16.2	12.9	131.3	190.6	-	19.3	2.4
2017	840.9	50.6	98.4	336.3	17.8	13.7	117.4	182.2	-	19.4	5.3

Nota/Notes:

¹ Mulai 2008, sijil tertinggi diperoleh dikelaskan mengikut konsep *International Standard Classification of Education (ISCED)*

Starting 2008, highest certificate obtained is classified according to the *International Standard Classification of Education (ISCED)*

² Jumlah termasuk angka sijil tertinggi diperoleh "tidak diketahui"

Total includes "unknown" highest certificate obtained

³ Pecahan diploma dan sijil bermula pada tahun 2007

Breakdown of diploma and certificate is available from 2007 onwards

⁴ Berdasarkan Banci Penduduk dan Perumahan 1991, kelas-kelas agama/pondok tidak termasuk dalam istilah pendidikan rasmi

Based on Population and Housing Census 1991, religious classes/'pondok' school are excluded from formal education

Jadual 15: Penduduk bekerja mengikut sijil tertinggi diperoleh¹, W.P. Labuan, 1984–201

Table 15: Employed persons by highest certificate obtained, W.P. Labuan, 1984–2017

Tahun Year	('000)										
	Jumlah ² Total	UPSR/UPSRA atau yang setaraf UPSR/UPSRA or equivalent	PT3/PMR/SRP/ LCE/SRA atau yang setaraf PT3/PMR/SRP/LCE/ SRA or equivalent	SPM atau yang setaraf SPM or equivalent	STPM atau yang setaraf STPM or equivalent	Sijil ³ Certificate	Diploma	Ijazah Degree	Sijil agama ⁴ Religious certificate	Tiada sijil No certificate	Tidak berkenaan Not applicable
1984	16.0	-	2.3	2.1	0.1	-	0.2	0.4	0.0	9.0	1.8
1985	15.0	-	2.2	2.2	0.2	-	0.3	0.3	0.0	8.0	1.8
1986	13.6	-	1.9	2.3	0.1	-	0.3	0.3	0.0	7.4	1.3
1987	12.3	-	1.8	2.0	0.2	-	0.2	0.4	0.0	6.5	1.2
1988	12.3	-	1.8	2.5	0.2	-	0.2	0.3	0.0	6.3	1.1
1989	13.4	-	2.0	2.5	0.2	-	0.2	0.3	-	6.8	1.5
1990	14.8	-	2.4	2.6	0.3	-	0.3	0.8	0.1	7.8	0.4
1992	14.9	-	2.3	2.7	0.1	-	0.3	0.3	-	8.4	0.9
1993	17.3	-	4.1	4.3	0.1	-	-	0.7	-	6.8	1.3
1995	31.1	-	4.3	8.8	0.5	-	0.6	1.0	-	13.3	2.5
1996	37.4	-	5.9	7.1	0.8	-	0.8	1.2	-	19.6	1.9
1997	34.7	-	4.8	9.7	1.3	-	1.0	1.3	-	13.9	2.8
1998	37.0	-	5.1	10.9	1.1	-	1.1	1.0	-	16.1	1.7
1999	41.2	-	5.6	9.9	0.3	-	1.8	0.9	-	20.4	2.3
2000	25.4	-	3.4	7.7	1.4	-	1.0	0.2	-	10.5	1.2
2001	27.2	-	4.2	9.1	0.6	-	0.7	1.3	-	9.9	1.4
2002	32.9	-	5.8	9.6	1.0	-	1.9	1.5	-	11.2	2.0
2003	31.8	-	3.9	10.5	1.1	-	2.0	1.7	-	11.6	1.0
2004	32.3	-	3.6	9.4	0.8	-	2.1	2.4	-	11.6	2.4
2005	30.5	-	4.4	10.1	0.7	-	1.5	1.7	-	9.6	2.5
2006	30.5	-	5.2	9.9	1.2	-	1.4	1.4	-	10.3	1.2
2007	32.6	-	6.2	9.7	1.6	0.4	1.1	2.1	-	8.8	2.7
2008	32.5	5.1	4.9	11.3	1.3	0.5	1.6	2.0	-	2.2	3.6
2009	35.5	4.8	6.1	11.9	1.2	0.9	2.6	3.0	-	2.5	2.5
2010	37.6	4.9	6.0	14.7	1.8	1.6	3.3	2.8	-	1.5	0.9
2011	38.6	5.1	5.1	14.3	2.0	1.9	3.1	3.8	-	1.8	1.5
2012	39.4	5.1	5.6	13.9	1.7	2.1	4.0	4.1	-	1.6	1.4
2013	40.1	4.5	5.0	15.4	2.1	2.1	3.6	4.4	-	1.7	1.3
2014	40.8	5.0	6.5	16.4	1.4	1.5	3.4	3.4	-	1.8	1.5
2015	39.5	3.9	6.6	15.9	2.0	1.3	3.9	3.2	-	1.2	1.5
2016	40.2	3.9	5.0	16.6	1.5	1.7	4.6	4.3	-	1.3	1.2
2017	38.2	3.5	6.1	15.8	1.5	1.3	4.1	3.5	-	1.3	1.2

Nota/Notes:

¹ Mulai 2008, sijil tertinggi diperoleh dikelaskan mengikut konsep *International Standard Classification of Education (ISCED)*

Starting 2008, highest certificate obtained is classified according to the *International Standard Classification of Education (ISCED)*

² Jumlah termasuk angka sijil tertinggi diperoleh "tidak diketahui"

Total includes "unknown" highest certificate obtained

³ Pecahan diploma dan sijil bermula pada tahun 2007

Breakdown of diploma and certificate is available from 2007 onwards

⁴ Berdasarkan Banci Penduduk dan Perumahan 1991, kelas-kelas agama/pondok tidak termasuk dalam istilah pendidikan rasmi

Based on Population and Housing Census 1991, religious classes/'pondok' school are excluded from formal education

Jadual 15: Penduduk bekerja mengikut sijil tertinggi diperoleh, W.P. Putrajaya, 2011–2017

Table 15: Employed persons by highest certificate obtained, W.P. Putrajaya, 2011–2017

Tahun Year	('000)									
	Jumlah Total	UPSR/UPSRA atau yang setaraf <i>UPSR/UPSRA or equivalent</i>	PT3/PMR/SRP/ LCE/SRA atau yang setaraf <i>PT3/PMR/SRP/LCE/ SRA or equivalent</i>	SPM atau yang setaraf <i>SPM or equivalent</i>	STPM atau yang setaraf <i>STPM or equivalent</i>	Sijil ³ <i>Certificate</i>	Diploma <i>Diploma</i>	Ijazah <i>Degree</i>	Tiada sijil <i>No certificate</i>	Tidak berkenaan <i>Not applicable</i>
2011	41.4	0.9	1.0	12.1	2.3	2.1	9.4	12.6	1.0	0.0
2012	40.3	1.0	1.0	11.8	1.8	2.0	9.8	12.2	0.6	-
2013	40.7	1.2	0.8	11.9	2.6	2.0	9.9	11.8	0.4	0.1
2014	40.3	0.7	1.0	13.5	2.2	2.3	9.2	11.3	0.0	-
2015	38.5	0.5	0.8	11.2	2.1	1.8	9.5	12.5	0.0	0.1
2016	38.2	0.8	0.7	10.5	1.4	2.0	9.8	12.8	0.2	-
2017	37.2	0.9	0.9	10.6	1.7	1.4	9.7	12.0	0.0	-

Nota/Notes:

1. Mulai 2011, data tenaga buruh W.P. Putrajaya diterbitkan berasingan daripada negeri Selangor

Starting 2011, labour force data for W.P. Putrajaya was published separately from Selangor