Jadual 14: Penduduk bekerja mengikut pencapaian pendidikan, Malaysia, 1982–2025

Table 14: Employed persons by educational attainment, Malaysia, 1982-2025

Tahun *Year*	('000)				
	Jumlah[1] *Total*	Tiada pendidikan rasmi *No formal education*	Rendah *Primary*	Menengah *Secondary*	Tertiari *Tertiary*
1982	**5,249.0**	830.7	2,237.5	1,861.9	318.2
1983	**5,457.0**	818.3	2,270.8	2,039.9	327.9
1984	**5,566.7**	829.1	2,213.1	2,167.8	356.7
1985	**5,653.4**	796.0	2,243.8	2,227.7	385.9
1986	**5,760.1**	759.0	2,232.9	2,340.1	428.1
1987	**5,983.9**	750.9	2,232.3	2,541.3	459.4
1988	**6,157.2**	726.9	2,292.7	2,654.6	483.0
1989	**6,390.9**	711.0	2,260.9	2,896.0	523.0
1990	**6,685.0**	657.6	2,311.0	3,129.2	587.3
1992	**7,047.8**	645.4	2,165.1	3,525.0	712.3
1993	**7,383.4**	615.6	2,280.4	3,737.1	750.3
1995	**7,645.0**	666.0	2,139.0	3,987.4	852.1
1996	**8,399.3**	662.4	2,391.1	4,341.9	1,003.8
1997	**8,569.2**	621.9	2,391.4	4,458.6	1,097.2
1998	**8,599.6**	604.4	2,358.9	4,505.3	1,131.0
1999	**8,837.8**	585.1	2,332.9	4,755.4	1,164.4
2000	**9,269.2**	521.8	2,336.9	5,071.7	1,338.7
2001	**9,357.0**	484.4	2,291.1	5,135.3	1,441.7
2002	**9,542.6**	509.6	2,279.6	5,163.3	1,588.4
2003	**9,869.7**	474.8	2,244.7	5,424.1	1,724.7
2004	**9,979.5**	472.1	2,199.9	5,469.2	1,832.2
2005	**10,045.4**	466.8	2,102.6	5,565.6	1,908.1
2006	**10,275.4**	393.0	2,131.7	5,774.3	1,975.2
2007	**10,538.1**	424.8	2,064.9	5,917.4	2,121.9
2008	**10,659.6**	474.7	1,978.4	5,961.8	2,244.7
2009	**10,897.3**	426.0	1,922.2	6,008.1	2,541.0
2010	**11,899.5**	436.1	2,125.1	6,549.6	2,788.6
2011	**12,351.5**	401.3	2,129.8	6,833.3	2,987.1
2012	**12,820.5**	399.7	2,206.4	7,128.1	3,086.3
2013	**13,545.4**	417.4	2,346.8	7,534.6	3,246.6
2014	**13,852.6**	383.8	2,236.2	7,654.2	3,578.4
2015	**14,067.7**	431.7	2,195.8	7,587.0	3,853.3
2016	**14,163.7**	377.4	2,078.6	7,812.2	3,895.6
2017	**14,476.8**	379.7	1,956.3	8,079.3	4,061.5
2018	**14,776.0**	401.5	1,928.5	8,216.5	4,229.4
2019	**15,073.4**	442.0	1,821.2	8,375.0	4,435.2
2020	**14,719.4**	294.9	1,370.1	8,215.3	4,839.0
2021	**14,825.2**	415.6	1,111.6	8,145.4	5,152.5
2022	**15,155.2**	332.6	1,215.0	8,239.6	5,368.1
2023	**15,813.4**	378.2	1,268.1	8,558.0	5,609.1
2024	**16,369.4**	356.4	1,344.6	8,950.6	5,717.7
2025	**16,580.9**	299.1	1,418.1	9,093.1	5,770.6

Nota/*Note***:**

1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"

2. Statistik Survei Tenaga Buruh bagi tahun 2019 dan sebelumnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2010

3. Statistik Survei Tenaga Buruh bagi tahun 2020 dan seterusnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2020

1. Total includes "unknown" educational attainment

2. The Labour Force Survey statistics for 2019 and preceding years are estimated based on the Population and Housing Census of Malaysia 2010

3. The Labour Force Survey statistics for 2020 and onwards are estimated based on the Population and Housing Census of Malaysia 2020

Jadual 14: Penduduk bekerja mengikut pencapaian pendidikan, Johor, 1982–2025

Table 14: Employed persons by educational attainment, Johor, 1982-2025

Tahun *Year*	('000)				
	Jumlah[1] *Total*	**Tiada pendidikan rasmi** *No formal education*	**Rendah** *Primary*	**Menengah** *Secondary*	**Tertiari** *Tertiary*
1982	**630.2**	70.8	312.7	214.3	32.3
1983	**623.7**	75.1	307.0	214.9	26.7
1984	**657.3**	64.7	306.8	249.3	36.5
1985	**672.7**	60.3	314.5	256.3	41.7
1986	**700.4**	60.5	310.0	288.2	41.7
1987	**732.7**	66.1	304.3	313.4	48.9
1988	**792.0**	64.0	334.8	341.0	52.2
1989	**822.3**	59.9	335.0	372.0	55.3
1990	**914.1**	55.6	365.3	425.7	67.5
1992	**926.0**	53.9	321.1	474.8	76.2
1993	**974.3**	43.3	357.3	490.6	83.0
1995	**891.8**	47.8	256.6	507.0	80.3
1996	**996.7**	38.0	305.2	558.3	95.1
1997	**1,058.4**	42.0	320.6	594.3	101.6
1998	**1,027.0**	31.7	294.4	605.5	95.4
1999	**1,029.0**	47.5	279.9	612.0	89.6
2000	**1,195.4**	35.2	313.2	730.2	116.8
2001	**1,235.9**	42.1	303.9	758.4	129.5
2002	**1,222.3**	40.0	299.4	742.6	139.7
2003	**1,269.1**	39.7	309.3	761.2	158.9
2004	**1,232.6**	36.0	285.9	748.0	162.8
2005	**1,237.1**	33.2	266.2	755.2	182.5
2006	**1,258.1**	27.7	268.0	770.0	192.5
2007	**1,286.7**	29.2	238.0	818.3	201.1
2008	**1,283.8**	35.7	242.5	777.2	228.3
2009	**1,306.3**	30.9	218.6	807.6	249.1
2010	**1,418.8**	19.5	243.7	910.2	245.4
2011	**1,461.9**	16.1	235.5	941.4	268.9
2012	**1,481.5**	18.4	214.6	972.5	275.9
2013	**1,553.4**	19.1	228.8	1,012.4	293.0
2014	**1,579.7**	15.8	229.6	1,004.4	329.9
2015	**1,582.6**	25.2	217.8	990.8	348.9
2016	**1,580.6**	20.1	210.7	1,011.5	338.4
2017	**1,616.7**	16.2	214.1	1,004.6	381.9
2018	**1,693.3**	19.7	211.6	1,033.7	428.1
2019	**1,756.1**	24.8	218.4	1,092.4	420.5
2020	**1,920.5**	21.3	148.1	1,288.1	463.0
2021	**1,913.2**	40.5	133.6	1,197.4	541.8
2022	**1,949.2**	24.3	141.8	1,275.4	507.6
2023	**2,017.9**	36.6	154.4	1,267.3	559.6
2024	**2,076.5**	16.2	154.0	1,305.5	600.9
2025	**2,124.3**	26.3	144.9	1,408.2	544.9

Nota/*Note***:**

1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"

2. Statistik Survei Tenaga Buruh bagi tahun 2019 dan sebelumnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2010

3. Statistik Survei Tenaga Buruh bagi tahun 2020 dan seterusnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2020

1. Total includes "unknown" educational attainment

2. The Labour Force Survey statistics for 2019 and preceding years are estimated based on the Population and Housing Census of Malaysia 2010

3. The Labour Force Survey statistics for 2020 and onwards are estimated based on the Population and Housing Census of Malaysia 2020

Jadual 14: Penduduk bekerja mengikut pencapaian pendidikan, Kedah, 1982–2025

Table 14: Employed persons by educational attainment, Kedah, 1982-2025

Tahun *Year*	('000)				
	Jumlah[1] *Total*	**Tiada pendidikan rasmi** *No formal education*	**Rendah** *Primary*	**Menengah** *Secondary*	**Tertiari** *Tertiary*
1982	**389.0**	77.5	194.9	100.2	16.3
1983	**373.6**	75.1	174.7	103.2	20.6
1984	**417.6**	74.4	196.5	124.1	22.6
1985	**413.8**	66.8	197.8	126.2	23.1
1986	**418.0**	65.3	185.8	141.6	25.2
1987	**420.1**	62.2	179.8	152.3	25.9
1988	**459.3**	66.2	194.2	170.3	26.4
1989	**443.3**	59.8	179.8	176.5	27.2
1990	**467.6**	49.7	183.3	199.5	35.1
1992	**495.0**	48.9	187.1	222.6	36.5
1993	**475.1**	42.5	183.4	208.3	40.9
1995	**521.1**	49.9	180.3	248.2	42.8
1996	**535.9**	47.5	190.1	258.3	40.0
1997	**601.3**	54.1	204.6	290.4	52.2
1998	**567.3**	38.6	176.3	292.5	59.7
1999	**678.7**	59.6	210.1	339.5	69.4
2000	**626.5**	34.1	169.5	342.7	80.2
2001	**701.1**	30.0	195.9	395.7	79.1
2002	**645.1**	32.1	178.8	358.3	75.9
2003	**657.7**	30.1	156.1	373.9	97.4
2004	**654.5**	23.6	161.4	380.5	89.1
2005	**652.8**	24.6	150.0	378.5	99.6
2006	**656.8**	20.7	143.0	391.2	101.7
2007	**670.4**	23.8	137.8	398.9	109.8
2008	**676.0**	24.3	135.7	385.5	130.5
2009	**701.5**	19.7	127.9	405.4	148.5
2010	**725.7**	15.3	132.8	432.8	144.7
2011	**743.4**	15.0	135.7	437.2	155.4
2012	**786.9**	21.8	150.7	473.0	141.4
2013	**842.3**	21.8	158.2	500.2	162.1
2014	**859.8**	18.8	131.6	513.1	196.3
2015	**881.6**	27.3	125.5	526.9	201.8
2016	**884.3**	22.9	124.8	531.0	205.6
2017	**906.3**	14.5	112.7	568.4	210.7
2018	**909.2**	16.0	105.5	552.7	235.0
2019	**923.6**	15.4	96.7	579.7	231.9
2020	**867.0**	16.4	79.2	527.3	244.1
2021	**880.1**	25.7	65.2	520.1	269.1
2022	**900.4**	16.2	58.9	551.1	274.3
2023	**927.5**	24.6	55.1	562.1	285.7
2024	**956.5**	14.6	72.8	596.8	272.2
2025	**961.8**	5.6	64.5	639.0	252.8

Nota/*Note*:

1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"

2. Statistik Survei Tenaga Buruh bagi tahun 2019 dan sebelumnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2010

3. Statistik Survei Tenaga Buruh bagi tahun 2020 dan seterusnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2020

1. Total includes "unknown" educational attainment

2. The Labour Force Survey statistics for 2019 and preceding years are estimated based on the Population and Housing Census of Malaysia 2010

3. The Labour Force Survey statistics for 2020 and onwards are estimated based on the Population and Housing Census of Malaysia 2020

Jadual 14: Penduduk bekerja mengikut pencapaian pendidikan, Kelantan, 1982–2025

Table 14: Employed persons by educational attainment, Kelantan, 1982-2025

Tahun *Year*	('000)				
	Jumlah[1] *Total*	Tiada pendidikan rasmi *No formal education*	Rendah *Primary*	Menengah *Secondary*	Tertiari *Tertiary*
1982	**304.3**	99.1	116.2	72.3	16.7
1983	**282.5**	81.6	103.1	75.8	21.9
1984	**322.3**	100.8	109.6	89.4	22.6
1985	**323.6**	98.8	113.3	89.2	22.3
1986	**340.2**	82.9	127.8	104.1	25.4
1987	**350.5**	88.6	118.3	114.8	28.9
1988	**363.4**	88.9	124.1	120.8	29.5
1989	**363.8**	81.4	116.9	133.7	31.8
1990	**377.7**	74.9	123.1	143.1	36.5
1992	**382.5**	72.1	113.3	152.5	44.6
1993	**394.4**	70.2	117.8	161.3	45.1
1995	**412.7**	62.4	124.0	176.9	49.3
1996	**445.5**	76.1	123.6	190.8	55.0
1997	**413.7**	65.3	114.3	182.3	51.7
1998	**430.7**	62.5	123.0	193.5	51.8
1999	**436.8**	58.8	123.2	199.5	55.3
2000	**425.7**	49.9	115.8	206.9	53.2
2001	**434.3**	46.8	112.5	212.4	62.5
2002	**422.7**	45.6	104.2	211.5	61.5
2003	**475.7**	38.9	114.4	244.3	78.1
2004	**436.6**	32.0	100.0	229.4	75.1
2005	**438.8**	36.1	95.2	235.0	72.6
2006	**458.4**	29.7	97.9	249.9	80.9
2007	**473.1**	31.7	100.2	255.4	85.7
2008	**486.4**	32.7	85.7	259.2	108.8
2009	**505.2**	31.3	82.9	281.6	109.4
2010	**534.2**	32.1	97.7	290.4	114.0
2011	**544.6**	29.3	88.4	299.6	127.2
2012	**578.7**	32.3	102.5	316.9	127.0
2013	**602.7**	31.5	83.2	358.1	130.0
2014	**625.2**	27.3	83.5	364.9	149.5
2015	**652.1**	33.0	74.1	373.1	171.9
2016	**632.9**	34.3	62.9	365.0	170.8
2017	**676.0**	29.3	70.7	401.7	174.4
2018	**683.3**	28.5	57.6	403.2	194.0
2019	**682.4**	26.0	52.2	410.5	193.6
2020	**617.9**	24.4	48.2	363.8	181.6
2021	**618.2**	17.5	46.1	370.7	183.9
2022	**634.4**	22.1	43.2	364.1	205.0
2023	**661.1**	17.2	38.5	368.8	236.6
2024	**680.7**	17.8	42.2	408.8	211.9
2025	**695.8**	16.5	49.5	405.5	224.4

Nota/*Note***:**

1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"

2. Statistik Survei Tenaga Buruh bagi tahun 2019 dan sebelumnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2010

3. Statistik Survei Tenaga Buruh bagi tahun 2020 dan seterusnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2020

1. Total includes "unknown" educational attainment

2. The Labour Force Survey statistics for 2019 and preceding years are estimated based on the Population and Housing Census of Malaysia 2010

3. The Labour Force Survey statistics for 2020 and onwards are estimated based on the Population and Housing Census of Malaysia 2020

Jadual 14: Penduduk bekerja mengikut pencapaian pendidikan, Melaka, 1982–2025

Table 14: Employed persons by educational attainment, Melaka, 1982-2025

Tahun *Year*	('000)				
	Jumlah[1] *Total*	Tiada pendidikan rasmi *No formal education*	Rendah *Primary*	Menengah *Secondary*	Tertiari *Tertiary*
1982	**167.2**	17.4	71.5	68.1	10.2
1983	**165.5**	12.3	76.4	66.5	10.3
1984	**162.5**	16.6	70.1	66.3	9.6
1985	**170.1**	16.0	69.5	73.9	10.7
1986	**169.8**	13.9	70.1	72.1	13.7
1987	**176.7**	13.6	74.0	75.3	13.8
1988	**175.4**	13.2	69.2	78.3	14.8
1989	**185.9**	10.4	68.8	91.1	15.6
1990	**180.0**	8.8	64.0	87.7	19.5
1992	**207.4**	10.2	69.2	110.5	17.5
1993	**218.5**	11.4	70.2	124.8	12.1
1995	**222.8**	9.8	60.0	131.4	21.5
1996	**237.0**	8.3	64.6	141.4	22.7
1997	**257.1**	11.2	66.2	147.3	32.4
1998	**242.4**	6.3	64.3	140.8	31.1
1999	**243.1**	6.2	57.9	148.0	31.1
2000	**253.5**	7.0	49.9	167.4	29.3
2001	**267.7**	4.9	48.6	179.5	34.8
2002	**229.3**	5.8	42.7	143.8	37.1
2003	**272.7**	6.3	48.8	177.1	40.2
2004	**265.1**	6.0	45.3	169.1	44.6
2005	**271.1**	7.4	44.5	171.9	47.3
2006	**273.1**	3.9	45.0	169.5	54.7
2007	**284.3**	5.9	44.1	171.9	62.4
2008	**286.8**	4.4	41.7	173.7	67.1
2009	**284.0**	6.3	37.4	171.6	68.7
2010	**335.1**	4.9	47.1	205.8	77.3
2011	**340.8**	4.2	43.0	210.4	83.2
2012	**357.0**	4.3	48.1	216.9	87.7
2013	**375.5**	3.8	48.7	233.5	89.4
2014	**394.9**	2.5	44.0	243.0	105.5
2015	**398.3**	4.7	36.7	240.7	116.3
2016	**397.3**	3.6	34.8	243.2	115.6
2017	**406.2**	4.0	30.3	237.4	134.6
2018	**416.7**	3.3	28.8	242.0	142.6
2019	**428.3**	2.8	30.3	245.1	150.2
2020	**453.8**	2.8	36.3	248.6	166.1
2021	**469.6**	8.5	30.9	256.6	173.6
2022	**486.3**	5.0	24.1	290.7	166.5
2023	**499.8**	4.2	26.5	281.2	187.9
2024	**517.0**	2.1	21.0	327.7	166.3
2025	**521.2**	1.6	22.6	342.6	154.4

Nota/*Note***:**

1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"

2. Statistik Survei Tenaga Buruh bagi tahun 2019 dan sebelumnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2010

3. Statistik Survei Tenaga Buruh bagi tahun 2020 dan seterusnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2020

1. Total includes "unknown" educational attainment

2. The Labour Force Survey statistics for 2019 and preceding years are estimated based on the Population and Housing Census of Malaysia 2010

3. The Labour Force Survey statistics for 2020 and onwards are estimated based on the Population and Housing Census of Malaysia 2020

Jadual 14: Penduduk bekerja mengikut pencapaian pendidikan, Negeri Sembilan, 1982–2025

Table 14: Employed persons by educational attainment, Negeri Sembilan, 1982-2025

Tahun *Year*	('000)				
	Jumlah[1] *Total*	**Tiada pendidikan rasmi** *No formal education*	**Rendah** *Primary*	**Menengah** *Secondary*	**Tertiari** *Tertiary*
1982	**216.3**	20.6	108.3	74.3	13.1
1983	**215.0**	15.6	98.7	88.6	12.1
1984	**223.3**	18.3	103.8	86.5	14.8
1985	**210.8**	14.9	102.1	81.6	12.1
1986	**213.5**	15.6	99.7	83.9	14.3
1987	**221.7**	17.7	96.9	92.3	14.8
1988	**228.0**	13.3	96.4	103.0	15.3
1989	**229.3**	13.2	92.2	110.6	13.3
1990	**216.0**	12.8	91.6	95.4	16.1
1992	**251.4**	11.1	95.0	124.1	21.1
1993	**284.4**	13.7	91.8	144.4	34.5
1995	**296.2**	16.7	99.2	152.0	28.3
1996	**319.3**	12.4	101.1	175.6	30.3
1997	**307.6**	12.2	92.0	170.1	33.3
1998	**304.4**	13.5	86.4	168.1	36.5
1999	**274.8**	7.3	76.7	158.4	32.4
2000	**347.4**	10.9	87.2	203.4	46.0
2001	**351.3**	8.8	97.1	194.2	51.2
2002	**324.8**	10.4	83.7	184.9	45.9
2003	**340.0**	8.5	85.3	193.1	53.1
2004	**360.3**	8.1	82.0	209.6	60.7
2005	**372.8**	7.2	76.8	223.0	65.7
2006	**378.7**	7.4	78.8	223.0	69.6
2007	**381.6**	7.8	73.5	225.0	75.3
2008	**387.1**	9.0	71.6	228.9	77.6
2009	**386.5**	6.8	74.7	219.0	86.0
2010	**405.4**	7.1	76.0	230.1	92.1
2011	**416.1**	7.7	69.4	245.3	93.7
2012	**442.1**	8.6	78.8	260.4	94.3
2013	**464.1**	9.3	86.7	260.2	107.9
2014	**466.5**	6.4	81.4	259.9	118.7
2015	**468.7**	6.4	77.4	269.4	115.5
2016	**466.9**	4.1	77.3	260.5	125.1
2017	**477.3**	3.2	54.7	280.8	138.7
2018	**488.6**	4.8	57.1	282.9	143.9
2019	**482.5**	4.1	38.1	291.8	148.6
2020	**511.2**	4.4	39.9	291.7	175.2
2021	**505.6**	10.7	27.6	294.5	172.8
2022	**517.0**	4.9	30.3	287.3	194.6
2023	**536.1**	4.1	31.5	287.0	213.5
2024	**549.5**	9.0	39.0	315.0	186.4
2025	**552.5**	13.6	33.2	328.9	176.7

Nota/*Note***:**

1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"

2. Statistik Survei Tenaga Buruh bagi tahun 2019 dan sebelumnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2010

3. Statistik Survei Tenaga Buruh bagi tahun 2020 dan seterusnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2020

1. Total includes "unknown" educational attainment

2. The Labour Force Survey statistics for 2019 and preceding years are estimated based on the Population and Housing Census of Malaysia 2010

3. The Labour Force Survey statistics for 2020 and onwards are estimated based on the Population and Housing Census of Malaysia 2020

Jadual 14: Penduduk bekerja mengikut pencapaian pendidikan, Pahang, 1982–2025

Table 14: Employed persons by educational attainment, Pahang, 1982-2025

Tahun *Year*	('000)				
	Jumlah[1] *Total*	Tiada pendidikan rasmi *No formal education*	Rendah *Primary*	Menengah *Secondary*	Tertiari *Tertiary*
1982	**270.2**	30.6	136.3	88.2	15.0
1983	**333.5**	34.1	168.0	114.8	16.6
1984	**306.9**	35.6	141.2	114.9	15.3
1985	**327.8**	35.8	152.5	122.2	16.9
1986	**315.4**	32.3	148.5	115.1	19.4
1987	**335.9**	31.2	152.0	129.7	23.0
1988	**351.5**	32.3	161.9	139.2	18.0
1989	**379.1**	32.3	158.4	162.9	25.6
1990	**428.8**	27.6	180.4	183.6	37.2
1992	**417.0**	32.8	157.4	195.1	31.6
1993	**378.7**	29.9	139.1	176.5	33.1
1995	**371.4**	36.1	133.0	172.2	30.1
1996	**406.2**	33.5	136.8	197.4	38.4
1997	**395.4**	27.0	140.3	188.3	39.9
1998	**364.9**	22.5	123.5	185.0	33.9
1999	**384.4**	17.5	134.2	199.2	33.5
2000	**446.8**	22.9	159.3	212.3	52.3
2001	**437.8**	23.8	142.1	224.1	47.6
2002	**406.9**	21.1	123.9	215.5	46.5
2003	**460.0**	21.7	136.1	245.3	56.9
2004	**526.2**	29.2	144.9	289.3	62.8
2005	**524.7**	27.9	130.9	302.6	63.3
2006	**557.4**	22.4	142.6	323.5	68.9
2007	**561.9**	26.8	138.0	314.4	82.6
2008	**589.8**	25.5	135.3	336.7	92.4
2009	**603.7**	23.9	137.6	335.3	106.9
2010	**591.0**	17.4	123.4	341.9	108.3
2011	**608.4**	14.8	116.2	363.0	114.3
2012	**633.1**	15.1	125.2	368.2	124.6
2013	**659.8**	17.8	139.2	371.1	131.7
2014	**683.2**	14.5	137.8	387.5	143.3
2015	**697.5**	19.6	129.2	395.8	153.0
2016	**692.2**	18.1	111.3	397.2	165.6
2017	**690.2**	14.7	105.9	414.7	154.8
2018	**716.6**	13.3	106.2	427.4	169.6
2019	**719.5**	12.4	100.2	423.2	183.6
2020	**681.2**	14.4	88.5	393.9	184.4
2021	**672.1**	17.3	66.8	381.1	206.9
2022	**692.3**	11.1	64.9	439.0	177.2
2023	**720.9**	7.1	71.3	429.7	212.8
2024	**742.2**	12.7	68.0	475.0	186.6
2025	**751.5**	4.6	60.7	494.1	192.1

Nota/*Note*:

1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"

2. Statistik Survei Tenaga Buruh bagi tahun 2019 dan sebelumnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2010

3. Statistik Survei Tenaga Buruh bagi tahun 2020 dan seterusnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2020

1. Total includes "unknown" educational attainment

2. The Labour Force Survey statistics for 2019 and preceding years are estimated based on the Population and Housing Census of Malaysia 2010

3. The Labour Force Survey statistics for 2020 and onwards are estimated based on the Population and Housing Census of Malaysia 2020

Jadual 14: Penduduk bekerja mengikut pencapaian pendidikan, Pulau Pinang, 1982–2025

Table 14: Employed persons by educational attainment, Pulau Pinang, 1982-2025

Tahun *Year*	('000)				
	Jumlah[1] *Total*	**Tiada pendidikan rasmi** *No formal education*	**Rendah** *Primary*	**Menengah** *Secondary*	**Tertiari** *Tertiary*
1982	**382.3**	28.2	162.0	169.0	23.1
1983	**404.8**	26.3	165.2	187.2	26.2
1984	**383.7**	26.3	149.2	182.5	25.7
1985	**388.1**	22.7	143.6	191.8	30.0
1986	**391.4**	20.8	138.3	200.5	31.8
1987	**404.8**	23.0	138.2	216.6	27.1
1988	**398.9**	16.6	133.5	214.3	34.6
1989	**436.3**	19.0	139.7	240.5	37.0
1990	**457.2**	16.0	135.4	266.3	39.6
1992	**512.6**	16.5	118.2	323.8	54.1
1993	**531.0**	24.3	104.6	347.7	54.3
1995	**485.8**	15.9	87.9	324.8	57.0
1996	**449.4**	10.7	74.9	308.7	55.2
1997	**552.0**	15.3	110.8	352.4	73.6
1998	**585.2**	17.3	129.6	356.3	82.0
1999	**602.9**	19.1	112.9	379.3	91.4
2000	**669.2**	19.6	130.4	417.0	102.2
2001	**714.9**	15.1	143.9	429.9	126.0
2002	**643.1**	16.5	109.6	393.7	123.1
2003	**674.4**	12.3	109.2	420.4	132.4
2004	**625.0**	11.7	113.9	383.4	115.8
2005	**621.5**	11.4	100.8	368.4	139.7
2006	**647.7**	10.9	101.1	390.4	145.1
2007	**653.5**	10.8	96.7	392.5	153.3
2008	**674.9**	11.2	97.4	394.9	171.5
2009	**689.8**	11.0	93.2	405.3	180.2
2010	**742.3**	9.2	98.9	440.3	193.9
2011	**772.8**	9.2	99.6	457.8	206.1
2012	**779.8**	8.3	104.3	458.6	208.6
2013	**811.9**	9.3	111.3	483.0	208.3
2014	**839.2**	7.9	85.3	509.2	236.8
2015	**834.2**	6.4	84.5	491.2	252.1
2016	**827.4**	5.7	70.3	484.9	266.5
2017	**823.8**	7.2	77.3	475.3	263.9
2018	**830.8**	13.0	72.1	472.1	273.6
2019	**835.6**	4.9	68.3	477.4	284.9
2020	**836.0**	5.0	43.1	477.9	310.0
2021	**854.3**	16.8	36.8	512.9	287.7
2022	**871.0**	8.1	47.2	513.6	302.0
2023	**905.6**	13.2	45.5	510.4	336.5
2024	**931.2**	5.8	45.3	506.1	373.9
2025	**935.9**	12.1	53.4	542.3	328.1

Nota/*Note*:

1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"

2. Statistik Survei Tenaga Buruh bagi tahun 2019 dan sebelumnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2010

3. Statistik Survei Tenaga Buruh bagi tahun 2020 dan seterusnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2020

1. Total includes "unknown" educational attainment

2. The Labour Force Survey statistics for 2019 and preceding years are estimated based on the Population and Housing Census of Malaysia 2010

3. The Labour Force Survey statistics for 2020 and onwards are estimated based on the Population and Housing Census of Malaysia 2020

Jadual 14: Penduduk bekerja mengikut pencapaian pendidikan, Perak, 1982–2025

Table 14: Employed persons by educational attainment, Perak, 1982-2025

Tahun *Year*	('000)				
	Jumlah[1] *Total*	**Tiada pendidikan rasmi** *No formal education*	**Rendah** *Primary*	**Menengah** *Secondary*	**Tertiari** *Tertiary*
1982	**604.0**	73.5	302.6	199.3	28.5
1983	**669.2**	85.3	309.3	247.3	27.3
1984	**659.6**	81.2	306.2	239.7	32.4
1985	**669.6**	78.7	301.7	252.3	36.6
1986	**669.9**	75.0	296.0	258.0	40.8
1987	**670.5**	66.0	291.6	271.7	41.1
1988	**656.7**	61.4	280.7	272.7	41.9
1989	**686.7**	59.2	288.8	294.5	44.3
1990	**678.2**	63.5	269.7	301.7	43.3
1992	**692.9**	53.0	264.7	319.7	55.5
1993	**669.8**	41.0	267.0	311.4	50.4
1995	**634.3**	39.7	230.6	319.0	45.1
1996	**723.0**	43.8	247.3	380.1	51.9
1997	**744.2**	40.7	221.9	413.2	68.3
1998	**685.0**	43.9	219.0	363.9	58.2
1999	**684.5**	36.7	203.7	391.0	53.1
2000	**744.1**	36.2	213.7	419.4	74.7
2001	**730.7**	28.2	210.4	427.0	65.0
2002	**788.3**	32.7	215.0	459.7	80.8
2003	**734.6**	22.7	192.8	441.7	77.3
2004	**791.0**	30.3	184.9	477.9	95.8
2005	**801.2**	29.2	183.2	488.9	100.0
2006	**815.9**	25.3	192.5	500.6	97.5
2007	**852.2**	24.9	180.6	533.5	113.2
2008	**858.9**	27.2	170.0	538.2	123.6
2009	**891.6**	26.8	157.4	550.7	156.6
2010	**878.7**	22.1	156.9	543.2	156.5
2011	**919.7**	16.7	162.7	566.2	174.0
2012	**927.1**	13.4	167.8	578.4	167.5
2013	**947.8**	15.9	165.5	595.4	171.1
2014	**954.1**	11.8	137.6	611.4	193.3
2015	**981.8**	19.2	140.0	609.3	213.2
2016	**988.2**	11.2	128.5	621.2	227.4
2017	**1,013.3**	20.8	133.1	627.5	232.0
2018	**1,034.8**	8.5	122.7	655.7	247.9
2019	**1,043.7**	14.0	116.4	648.1	265.2
2020	**1,042.1**	13.7	130.1	629.2	269.1
2021	**1,056.9**	23.8	100.0	633.6	299.5
2022	**1,070.2**	11.3	114.4	641.8	302.7
2023	**1,104.2**	9.9	101.4	645.2	347.8
2024	**1,136.2**	16.8	153.5	654.7	311.2
2025	**1,151.4**	21.8	114.3	724.7	290.6

Nota/*Note***:**

1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"

2. Statistik Survei Tenaga Buruh bagi tahun 2019 dan sebelumnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2010

3. Statistik Survei Tenaga Buruh bagi tahun 2020 dan seterusnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2020

1. Total includes "unknown" educational attainment

2. The Labour Force Survey statistics for 2019 and preceding years are estimated based on the Population and Housing Census of Malaysia 2010

3. The Labour Force Survey statistics for 2020 and onwards are estimated based on the Population and Housing Census of Malaysia 2020

Jadual 14: Penduduk bekerja mengikut pencapaian pendidikan, Perlis, 1982–2025

Table 14: Employed persons by educational attainment, Perlis, 1982-2025

Tahun *Year*	('000)				
	Jumlah[1] *Total*	**Tiada pendidikan rasmi** *No formal education*	**Rendah** *Primary*	**Menengah** *Secondary*	**Tertiari** *Tertiary*
1982	**55.7**	9.6	27.8	15.0	3.2
1983	**63.8**	7.6	35.1	19.3	1.9
1984	**61.8**	6.8	28.7	23.1	3.2
1985	**60.5**	7.1	27.2	21.9	4.3
1986	**57.6**	7.8	24.2	22.2	3.4
1987	**60.6**	6.0	25.5	25.0	4.2
1988	**65.5**	7.3	26.3	28.2	3.7
1989	**66.3**	7.0	23.6	30.4	5.4
1990	**57.1**	4.6	22.7	26.0	3.8
1992	**66.9**	6.5	24.3	29.8	6.4
1993	**70.7**	8.8	21.8	35.5	4.6
1995	**70.8**	8.4	22.3	34.2	5.9
1996	**70.1**	5.1	22.6	35.0	7.4
1997	**70.1**	4.9	21.9	36.1	7.2
1998	**71.0**	5.0	21.4	37.3	7.3
1999	**78.5**	6.1	22.5	40.9	9.0
2000	**74.8**	3.5	19.9	41.8	9.6
2001	**82.9**	4.9	22.6	46.7	8.6
2002	**57.0**	3.0	14.9	30.6	8.5
2003	**76.6**	4.2	17.0	45.4	10.1
2004	**73.8**	3.4	16.2	43.9	10.3
2005	**74.0**	3.1	13.4	44.8	12.7
2006	**74.5**	3.2	14.9	44.5	11.9
2007	**80.0**	2.4	14.0	48.8	14.8
2008	**81.5**	2.7	12.1	49.1	17.6
2009	**81.5**	2.6	11.3	48.9	18.8
2010	**80.9**	3.2	11.6	47.6	18.5
2011	**83.3**	2.2	12.8	49.2	19.1
2012	**87.1**	2.2	12.4	54.2	18.3
2013	**94.3**	2.3	12.3	60.5	19.3
2014	**95.2**	1.4	11.6	58.2	23.9
2015	**98.2**	1.1	9.6	62.2	25.2
2016	**100.1**	1.7	10.1	62.1	26.3
2017	**98.4**	1.4	7.5	59.1	30.3
2018	**104.0**	1.5	9.3	64.6	28.6
2019	**108.5**	1.1	9.1	64.0	34.3
2020	**116.4**	0.6	8.5	70.7	36.6
2021	**117.4**	1.0	6.1	74.7	35.7
2022	**120.6**	1.7	7.0	69.0	42.8
2023	**124.9**	1.4	6.3	71.5	45.8
2024	**127.7**	2.0	6.6	77.5	41.6
2025	**128.9**	4.3	5.3	77.3	42.0

Nota/*Note***:**

1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"

2. Statistik Survei Tenaga Buruh bagi tahun 2019 dan sebelumnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2010

3. Statistik Survei Tenaga Buruh bagi tahun 2020 dan seterusnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2020

1. Total includes "unknown" educational attainment

2. The Labour Force Survey statistics for 2019 and preceding years are estimated based on the Population and Housing Census of Malaysia 2010

3. The Labour Force Survey statistics for 2020 and onwards are estimated based on the Population and Housing Census of Malaysia 2020

Jadual 14: Penduduk bekerja mengikut pencapaian pendidikan, Selangor, 1982–2025

Table 14: Employed persons by educational attainment, Selangor, 1982-2025

Tahun *Year*	('000)				
	Jumlah[1] *Total*	**Tiada pendidikan rasmi** *No formal education*	**Rendah** *Primary*	**Menengah** *Secondary*	**Tertiari** *Tertiary*
1982	**676.9**	45.9	255.6	302.1	73.3
1983	**739.9**	55.0	262.9	349.9	72.1
1984	**690.3**	48.5	227.8	337.4	76.7
1985	**706.1**	40.7	236.5	349.8	79.1
1986	**777.1**	43.7	253.9	383.0	96.5
1987	**865.0**	48.2	270.1	438.3	108.4
1988	**892.9**	46.3	279.4	447.0	120.2
1989	**900.3**	43.6	248.4	479.2	129.1
1990	**1,039.4**	41.1	272.4	581.2	144.7
1992	**1,069.6**	40.9	231.6	620.4	176.7
1993	**1,080.1**	36.1	246.8	629.3	167.9
1995	**1,338.9**	56.2	255.9	777.4	249.4
1996	**1,359.0**	48.1	260.4	771.4	279.1
1997	**1,329.9**	38.7	267.0	745.5	278.6
1998	**1,430.4**	36.5	279.1	802.5	311.7
1999	**1,427.2**	36.5	268.5	821.1	301.1
2000	**1,681.4**	31.5	324.8	934.2	390.9
2001	**1,512.4**	24.8	243.1	849.5	395.0
2002	**1,749.9**	41.3	275.9	951.0	481.1
2003	**1,833.5**	37.4	270.7	1,004.8	520.6
2004	**1,973.3**	44.3	282.3	1,056.4	586.7
2005	**1,985.9**	48.3	259.3	1,083.8	593.8
2006	**2,017.7**	26.3	245.5	1,140.9	604.4
2007	**2,064.2**	32.5	242.1	1,153.1	627.9
2008	**2,092.0**	50.7	251.0	1,181.8	608.5
2009	**2,095.3**	36.5	232.1	1,109.8	716.9
2010	**2,551.1**	45.3	287.0	1,329.5	889.3
2011	**2,645.2**	35.9	322.5	1,374.2	912.6
2012	**2,776.1**	28.8	315.6	1,443.8	987.9
2013	**2,933.3**	22.4	332.4	1,533.9	1,044.6
2014	**3,033.6**	21.7	328.2	1,588.3	1,095.5
2015	**3,135.0**	26.8	361.3	1,525.9	1,220.9
2016	**3,217.6**	28.2	286.2	1,695.6	1,207.7
2017	**3,359.4**	34.1	285.5	1,754.0	1,285.7
2018	**3,446.7**	25.1	314.4	1,861.7	1,245.4
2019	**3,489.5**	32.9	255.8	1,821.8	1,379.0
2020	**3,593.3**	17.8	168.0	1,867.7	1,539.7
2021	**3,641.0**	18.2	131.9	1,832.7	1,658.1
2022	**3,706.5**	29.3	142.8	1,708.0	1,826.4
2023	**3,858.9**	16.0	149.7	1,952.5	1,740.7
2024	**3,990.2**	14.9	81.6	1,947.5	1,946.2
2025	**4,048.2**	19.3	187.4	1,633.2	2,208.3

Nota/*Note***:**

1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"

2. Statistik Survei Tenaga Buruh bagi tahun 2019 dan sebelumnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2010

3. Statistik Survei Tenaga Buruh bagi tahun 2020 dan seterusnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2020

1. Total includes "unknown" educational attainment

2. The Labour Force Survey statistics for 2019 and preceding years are estimated based on the Population and Housing Census of Malaysia 2010

3. The Labour Force Survey statistics for 2020 and onwards are estimated based on the Population and Housing Census of Malaysia 2020

Jadual 14: Penduduk bekerja mengikut pencapaian pendidikan, Terengganu, 1982–2025

Table 14: Employed persons by educational attainment, Terengganu, 1982-2025

Tahun *Year*	('000)				
	Jumlah[1] *Total*	Tiada pendidikan rasmi *No formal education*	Rendah *Primary*	Menengah *Secondary*	Tertiari *Tertiary*
1982	**221.1**	61.0	93.0	56.8	10.3
1983	**236.9**	50.1	105.4	64.4	16.9
1984	**204.4**	43.9	84.3	64.0	12.2
1985	**212.4**	46.8	84.5	65.9	15.2
1986	**218.4**	42.9	85.8	73.1	16.5
1987	**208.9**	40.1	78.0	74.1	16.7
1988	**229.8**	42.8	85.6	81.7	19.7
1989	**229.9**	40.7	81.7	89.7	17.7
1990	**227.6**	38.1	80.9	91.7	16.9
1992	**252.9**	33.1	83.6	108.7	27.5
1993	**280.9**	28.5	90.7	134.6	27.1
1995	**268.0**	29.2	81.4	125.2	32.2
1996	**298.0**	33.4	96.3	137.2	31.1
1997	**282.3**	28.3	77.5	144.8	31.6
1998	**293.5**	33.7	81.7	145.4	32.7
1999	**300.1**	24.3	82.2	157.8	35.7
2000	**306.0**	24.1	80.1	160.4	41.3
2001	**298.6**	18.5	76.7	162.6	40.9
2002	**279.6**	14.6	73.1	151.9	40.1
2003	**344.9**	19.3	87.1	183.4	55.0
2004	**336.9**	16.8	81.3	183.1	55.7
2005	**342.0**	15.1	79.5	185.5	61.9
2006	**351.5**	16.8	75.0	195.1	64.7
2007	**363.0**	13.5	74.6	202.3	72.7
2008	**375.5**	14.1	73.4	202.3	85.8
2009	**390.3**	13.9	69.2	215.5	91.7
2010	**366.6**	10.5	65.2	205.8	85.1
2011	**390.3**	14.4	63.6	214.1	98.1
2012	**389.6**	11.8	60.7	223.3	93.9
2013	**407.0**	11.0	72.2	230.5	93.4
2014	**414.9**	14.4	57.6	233.8	109.1
2015	**420.5**	11.7	53.0	242.6	113.2
2016	**428.5**	9.6	49.0	243.0	127.0
2017	**438.3**	11.3	41.6	249.6	135.7
2018	**447.8**	13.5	41.9	249.4	143.0
2019	**471.0**	12.7	42.4	260.8	155.0
2020	**436.2**	13.2	37.1	249.4	136.4
2021	**438.2**	16.5	22.0	266.8	133.0
2022	**450.7**	13.4	36.8	253.5	147.1
2023	**462.4**	10.1	28.4	250.4	173.5
2024	**479.0**	10.5	28.1	289.3	150.9
2025	**487.8**	13.1	35.8	292.4	146.5

Nota/*Note*:

1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"

2. Statistik Survei Tenaga Buruh bagi tahun 2019 dan sebelumnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2010

3. Statistik Survei Tenaga Buruh bagi tahun 2020 dan seterusnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2020

1. Total includes "unknown" educational attainment

2. The Labour Force Survey statistics for 2019 and preceding years are estimated based on the Population and Housing Census of Malaysia 2010

3. The Labour Force Survey statistics for 2020 and onwards are estimated based on the Population and Housing Census of Malaysia 2020

Jadual 14: Penduduk bekerja mengikut pencapaian pendidikan, Sabah, 1982–2025

Table 14: Employed persons by educational attainment, Sabah, 1982-2025

Tahun *Year*	('000)				
	Jumlah[1] *Total*	Tiada pendidikan rasmi *No formal education*	Rendah *Primary*	Menengah *Secondary*	Tertiari *Tertiary*
1982	**343.6**	90.8	124.4	117.7	10.6
1983	**377.7**	98.9	138.2	129.0	11.6
1984	**400.3**	105.8	152.2	129.7	12.6
1985	**403.4**	107.0	155.2	128.9	12.2
1986	**405.5**	100.2	159.6	132.0	13.8
1987	**424.3**	103.1	161.1	144.3	15.8
1988	**424.6**	94.8	165.2	150.2	14.5
1989	**442.3**	94.7	175.6	158.8	13.2
1990	**436.9**	89.8	159.3	170.6	17.2
1992	**491.5**	105.0	173.7	190.6	22.2
1993	**674.0**	117.9	214.3	304.4	37.4
1995	**722.7**	131.6	260.0	288.0	43.1
1996	**992.5**	148.4	380.8	406.6	56.7
1997	**1,000.1**	135.6	388.6	412.6	63.3
1998	**1,068.3**	143.5	421.6	437.2	66.0
1999	**1,101.8**	138.6	409.1	479.3	74.8
2000	**933.8**	112.3	315.3	423.0	83.2
2001	**979.1**	111.0	336.5	443.8	87.7
2002	**1,028.8**	113.0	356.8	456.2	102.8
2003	**1,073.1**	117.9	366.5	482.1	106.7
2004	**1,081.7**	114.4	357.6	493.8	115.8
2005	**1,106.8**	115.5	384.4	489.4	117.2
2006	**1,160.2**	99.4	390.3	535.4	135.0
2007	**1,198.6**	116.4	388.4	531.5	162.2
2008	**1,230.5**	147.0	350.7	559.8	173.0
2009	**1,270.6**	128.1	368.5	574.8	199.2
2010	**1,398.6**	151.0	454.2	596.7	196.6
2011	**1,474.4**	155.7	450.8	636.8	231.0
2012	**1,537.4**	141.0	470.0	701.2	225.2
2013	**1,706.0**	159.2	536.7	759.5	250.6
2014	**1,740.9**	159.0	565.9	739.4	276.6
2015	**1,771.1**	180.1	549.4	751.2	290.4
2016	**1,823.7**	155.7	600.0	781.7	286.3
2017	**1,796.3**	167.4	539.2	791.1	298.7
2018	**1,825.5**	197.5	500.9	828.4	298.6
2019	**1,908.6**	235.8	520.8	837.2	314.8
2020	**1,455.5**	108.5	316.0	686.1	344.9
2021	**1,469.1**	157.6	281.9	736.0	293.6
2022	**1,504.4**	139.0	316.6	711.3	337.4
2023	**1,622.2**	200.5	362.7	733.4	325.6
2024	**1,717.4**	193.7	433.6	791.8	298.3
2025	**1,731.3**	131.2	439.0	840.7	320.3

Nota/*Note*:

1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"

2. Statistik Survei Tenaga Buruh bagi tahun 2019 dan sebelumnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2010

3. Statistik Survei Tenaga Buruh bagi tahun 2020 dan seterusnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2020

1. Total includes "unknown" educational attainment

2. The Labour Force Survey statistics for 2019 and preceding years are estimated based on the Population and Housing Census of Malaysia 2010

3. The Labour Force Survey statistics for 2020 and onwards are estimated based on the Population and Housing Census of Malaysia 2020

Jadual 14: Penduduk bekerja mengikut pencapaian pendidikan, Sarawak, 1982–2025

Table 14: Employed persons by educational attainment, Sarawak, 1982-2025

Tahun *Year*	('000)				
	Jumlah[1] *Total*	**Tiada pendidikan rasmi** *No formal education*	**Rendah** *Primary*	**Menengah** *Secondary*	**Tertiari** *Tertiary*
1982	**524.7**	187.2	186.1	130.5	20.9
1983	**540.1**	182.4	188.5	147.4	21.8
1984	**575.3**	181.1	198.0	171.7	24.5
1985	**587.5**	178.6	204.2	177.1	27.6
1986	**614.3**	179.1	205.7	198.4	31.1
1987	**642.0**	168.8	221.2	222.7	29.4
1988	**637.1**	162.0	215.3	230.5	29.3
1989	**687.1**	174.1	225.6	251.3	36.1
1990	**698.9**	160.8	237.7	261.4	39.0
1992	**711.3**	145.9	221.6	298.3	45.5
1993	**753.8**	133.6	250.1	312.1	58.1
1995	**789.2**	142.9	236.5	347.2	62.5
1996	**831.5**	131.8	262.0	364.9	72.8
1997	**831.5**	125.7	253.2	379.0	73.7
1998	**824.3**	129.9	240.6	377.3	76.5
1999	**865.0**	109.6	237.5	427.2	90.6
2000	**876.3**	124.3	261.1	411.5	79.4
2001	**877.4**	110.8	260.7	411.9	94.1
2002	**917.7**	124.6	279.1	418.9	95.1
2003	**909.9**	107.9	257.4	442.9	101.6
2004	**918.6**	103.8	253.5	439.9	121.4
2005	**910.9**	99.3	239.1	450.6	121.9
2006	**918.3**	89.1	254.7	454.2	120.3
2007	**954.1**	92.0	251.6	465.1	145.3
2008	**921.7**	80.3	237.2	467.7	136.5
2009	**977.5**	80.5	238.8	494.2	164.0
2010	**1,045.6**	90.6	255.6	529.4	170.0
2011	**1,058.1**	71.6	235.2	567.6	183.7
2012	**1,143.9**	84.6	268.3	583.5	207.5
2013	**1,188.5**	84.5	290.7	612.8	200.5
2014	**1,232.2**	72.8	267.9	665.1	226.4
2015	**1,214.8**	65.3	274.7	630.7	244.0
2016	**1,218.2**	58.8	257.3	658.9	243.3
2017	**1,253.7**	49.3	227.8	724.9	251.7
2018	**1,274.4**	50.6	254.6	702.3	266.9
2019	**1,304.7**	47.4	224.3	743.5	289.5
2020	**1,092.9**	43.5	175.0	622.1	252.3
2021	**1,103.4**	38.2	142.6	644.4	278.1
2022	**1,136.0**	37.6	150.5	686.6	261.3
2023	**1,192.5**	28.3	148.7	707.1	308.4
2024	**1,207.9**	30.9	159.0	725.9	292.1
2025	**1,218.1**	24.3	149.3	758.1	286.5

Nota/*Note*:

1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"

2. Statistik Survei Tenaga Buruh bagi tahun 2019 dan sebelumnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2010

3. Statistik Survei Tenaga Buruh bagi tahun 2020 dan seterusnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2020

1. Total includes "unknown" educational attainment

2. The Labour Force Survey statistics for 2019 and preceding years are estimated based on the Population and Housing Census of Malaysia 2010

3. The Labour Force Survey statistics for 2020 and onwards are estimated based on the Population and Housing Census of Malaysia 2020

Jadual 14: Penduduk bekerja mengikut pencapaian pendidikan, W.P. Kuala Lumpur, 1982–2025

Table 14: Employed persons by educational attainment, W.P. Kuala Lumpur, 1982-2025

Tahun *Year*	('000)				
	Jumlah[1] *Total*	Tiada pendidikan rasmi *No formal education*	Rendah *Primary*	Menengah *Secondary*	Tertiari *Tertiary*
1982	**463.6**	18.8	146.0	254.1	44.6
1983	**430.7**	18.8	138.3	231.8	41.8
1984	**485.4**	23.2	133.4	281.5	47.3
1985	**491.7**	19.4	136.0	283.2	53.2
1986	**455.0**	17.5	122.9	260.8	53.7
1987	**457.9**	15.3	117.3	264.5	60.7
1988	**469.6**	14.2	122.1	270.9	62.4
1989	**504.7**	14.1	122.3	297.7	70.7
1990	**490.7**	13.7	119.5	287.9	69.6
1992	**555.8**	14.7	99.2	345.6	96.3
1993	**580.5**	12.9	121.6	345.1	100.8
1995	**588.4**	17.0	102.6	366.5	102.4
1996	**697.8**	23.6	111.8	397.5	164.9
1997	**691.0**	18.1	103.5	383.6	185.8
1998	**668.3**	17.2	89.4	376.7	185.1
1999	**689.7**	14.7	98.2	382.4	194.3
2000	**662.8**	9.3	89.3	387.4	176.8
2001	**703.7**	13.2	91.4	382.9	216.2
2002	**794.1**	7.4	114.6	426.2	246.0
2003	**715.1**	7.1	87.1	389.6	231.3
2004	**671.7**	10.2	82.8	348.4	230.2
2005	**675.2**	6.0	71.6	371.3	226.2
2006	**676.6**	9.2	73.9	369.3	223.9
2007	**682.1**	4.6	77.8	389.4	210.3
2008	**682.2**	6.3	68.1	389.7	218.1
2009	**678.1**	5.1	66.6	369.1	237.3
2010	**788.0**	7.0	69.8	424.2	287.0
2011	**812.5**	6.9	87.0	436.7	281.9
2012	**820.4**	7.7	80.7	443.4	288.6
2013	**877.8**	8.0	74.3	489.5	306.0
2014	**852.0**	7.9	67.7	437.7	338.7
2015	**853.4**	3.0	57.9	441.9	350.7
2016	**827.2**	2.4	50.3	422.4	352.1
2017	**844.3**	5.3	50.9	455.4	332.7
2018	**824.4**	5.0	41.3	403.6	374.4
2019	**841.0**	5.5	44.3	445.2	346.0
2020	**1,006.4**	7.2	48.2	460.3	490.8
2021	**992.5**	21.0	16.9	384.3	570.3
2022	**1,019.7**	6.6	31.2	411.5	570.4
2023	**1,077.9**	4.2	43.2	452.2	578.2
2024	**1,153.5**	5.9	34.4	491.4	621.7
2025	**1,166.4**	1.9	54.0	566.1	544.4

Nota/*Note***:**

1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"

2. Statistik Survei Tenaga Buruh bagi tahun 2019 dan sebelumnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2010

3. Statistik Survei Tenaga Buruh bagi tahun 2020 dan seterusnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2020

1. Total includes "unknown" educational attainment

2. The Labour Force Survey statistics for 2019 and preceding years are estimated based on the Population and Housing Census of Malaysia 2010

3. The Labour Force Survey statistics for 2020 and onwards are estimated based on the Population and Housing Census of Malaysia 2020

Jadual 14: Penduduk bekerja mengikut pencapaian pendidikan, W.P. Labuan, 1984-2025

Table 14: Employed persons by educational attainment, W.P. Labuan, 1984-2025

Tahun *Year*	('000)				
	Jumlah[1] *Total*	Tiada pendidikan rasmi *No formal education*	Rendah *Primary*	Menengah *Secondary*	Tertiari *Tertiary*
1984	**16.0**	1.8	5.6	7.7	0.8
1985	**15.0**	1.8	5.2	7.2	0.8
1986	**13.6**	1.3	4.4	7.0	0.8
1987	**12.3**	1.2	4.1	6.3	0.8
1988	**12.3**	1.1	4.0	6.5	0.7
1989	**13.4**	1.5	4.1	7.2	0.7
1990	**14.8**	0.6	5.6	7.3	1.4
1992	**14.9**	0.9	5.1	8.4	0.5
1993	**17.3**	1.3	3.9	11.1	1.0
1995	**31.1**	2.5	8.7	17.5	2.4
1996	**37.4**	1.9	13.6	18.5	3.4
1997	**34.7**	2.8	9.1	18.7	4.1
1998	**37.0**	1.7	8.6	23.4	3.3
1999	**41.2**	2.3	16.1	19.8	3.0
2000	**25.4**	1.2	7.3	14.1	2.8
2001	**27.2**	1.4	5.6	16.6	3.5
2002	**32.9**	2.0	7.8	18.6	4.5
2003	**31.8**	1.0	7.0	18.8	4.9
2004	**32.3**	2.4	7.9	16.3	5.7
2005	**30.5**	2.5	7.6	16.5	3.9
2006	**30.5**	1.2	8.6	16.7	4.0
2007	**32.6**	2.6	7.5	17.3	5.2
2008	**32.5**	3.6	6.1	17.4	5.5
2009	**35.5**	2.5	6.0	19.3	7.7
2010	**37.6**	0.9	5.2	21.6	9.8
2011	**38.6**	1.5	5.5	20.6	11.0
2012	**39.4**	1.5	5.4	20.6	11.9
2013	**40.1**	1.3	5.2	21.3	12.4
2014	**40.8**	1.5	5.7	23.8	9.8
2015	**39.5**	1.6	4.2	23.3	10.3
2016	**40.2**	1.2	4.3	22.4	12.2
2017	**38.5**	1.2	3.9	22.8	10.5
2018	**41.5**	1.0	4.0	23.9	12.6
2019	**40.3**	2.1	3.4	21.6	13.3
2020	**39.4**	1.7	3.8	21.9	12.0
2021	**40.7**	2.4	2.7	20.3	15.3
2022	**41.5**	1.9	3.0	19.8	16.8
2023	**43.4**	0.8	4.8	20.9	16.9
2024	**44.4**	3.5	4.0	21.9	15.0
2025	**44.4**	2.9	4.0	22.2	15.3

Nota/*Note*:

1. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"
2. Statistik Survei Tenaga Buruh bagi tahun 2019 dan sebelumnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2010
3. Statistik Survei Tenaga Buruh bagi tahun 2020 dan seterusnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2020

1. Total includes "unknown" educational attainment
2. The Labour Force Survey statistics for 2019 and preceding years are estimated based on the Population and Housing Census of Malaysia 2010
3. The Labour Force Survey statistics for 2020 and onwards are estimated based on the Population and Housing Census of Malaysia 2020

Jadual 14: Penduduk bekerja mengikut pencapaian pendidikan, W.P. Putrajaya, 2011-2025

Table 14: Employed persons by educational attainment, W.P. Putrajaya, 2011-2025

Tahun *Year*	('000)				
	Jumlah[1] *Total*	**Tiada pendidikan rasmi** *No formal education*	**Rendah** *Primary*	**Menengah** *Secondary*	**Tertiari** *Tertiary*
2011	**41.4**	0.0	1.7	13.2	26.6
2012	**40.3**	-	1.4	13.1	25.9
2013	**40.7**	0.1	1.5	12.8	26.3
2014	**40.3**	-	0.7	14.5	25.1
2015	**38.5**	0.1	0.5	11.9	25.9
2016	**38.2**	-	0.7	11.6	25.9
2017	**38.0**	-	0.9	11.8	25.3
2018	**38.4**	0.0	0.4	12.9	25.1
2019	**38.1**	0.0	0.8	12.6	24.7
2020	**49.7**	0.0	0.3	16.7	32.8
2021	**53.0**	0.0	0.5	19.3	33.2
2022	**55.1**	0.0	2.3	17.0	35.8
2023	**58.1**	0.0	0.1	18.3	39.8
2024	**59.6**	0.0	1.4	15.6	42.5
2025	**61.3**	0.1	0.2	17.7	43.3

Nota/*Note:*

1. Mulai 2011, data tenaga buruh W.P. Putrajaya diterbitkan berasingan daripada negeri Selangor
2. Jumlah termasuk angka pencapaian pendidikan "tidak diketahui"
3. Statistik Survei Tenaga Buruh bagi tahun 2019 dan sebelumnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2010
4. Statistik Survei Tenaga Buruh bagi tahun 2020 dan seterusnya dianggar berdasarkan Banci Penduduk dan Perumahan Malaysia 2020

1. Starting 2011, labour force data for W.P Putrajaya was published separately from Selangor
2. Total includes "unknown" educational attainment
3. The Labour Force Survey statistics for 2019 and preceding years are estimated based on the Population and Housing Census of Malaysia 2010
4. The Labour Force Survey statistics for 2020 and onwards are estimated based on the Population and Housing Census of Malaysia 2020