

Plan budgets and socio-economic status

As at 30 June 2021

The 30 June 2021 quarterly report to Disability Ministers included a chart which analysed plan budgets by socio-economic status. Specifically:

- The ABS SEIFA Index of Education and Occupation (IEO) was used to classify participants into socio-economic deciles¹, with decile one representing participants in the lowest socio-economic decile, and decile ten representing participants in the highest socio-economic decile.
- Supported Independent Living (SIL) participants were excluded from the analysis, as the location of many participants in SIL is based on where group homes are located, noting there are clusters.
- Ages 0-64 were considered, as the number of participants over the age of 65 years is dependent on when geographical areas phased into the Scheme.

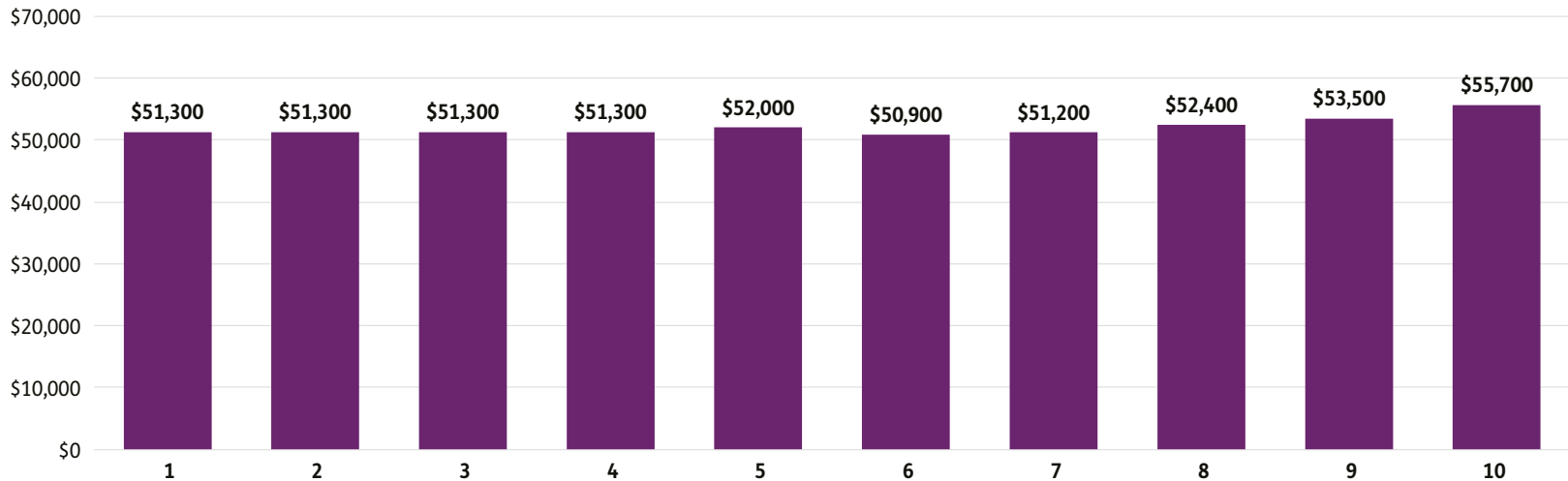
¹ SEIFA deciles are allocated based on the Statistical Area 1 (SA1) that a participant lives in.

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The analysis indicated that on average, participants in the highest decile received plan budgets that were 9% higher than participants in the lowest decile (\$55,700 compared with \$51,300).

Figure 1: Average plan budget by IEO deciles – non SIL, age 0-64 – 30 June 2021



Additional analysis has been undertaken looking at the distribution of plan budgets within each decile – specifically, looking the 5th, 10th, 25th, 50th (median), 75th, 90th and 95th percentiles. Further, the participant populations in each decile have been standardised for age group and functional capacity. This means that there aren't any differences in either the age distribution or functional capacity distribution between the deciles that would distort the results.

The analysis indicates:

- At the 25th percentile, the standardised plan budget for participants in the tenth decile is \$25,100 compared with \$24,700 in the first decile (a difference of 2%).
- At the 50th percentile (the median), the standardised plan budget for participants in the tenth decile is \$41,000 compared with \$38,800 in the first decile (a difference of 6%).
- At the 75th percentile, the standardised plan budget for participants in the tenth decile is \$64,100 compared with \$60,500 in the first decile (a difference of 6%).

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Further, the difference between the average (mean) standardised plan budget for participants in the tenth decile is \$53,700 compared with \$49,500 in the first decile (a difference of 8%). This is broadly consistent with the difference when plan budgets were not standardised for age and functional capacity.

Figure 2: Standardised plan budgets by IEO deciles – non SIL, age 0-64 –30 June 2021 – 25th percentile, 50th percentile, 75th percentile and mean

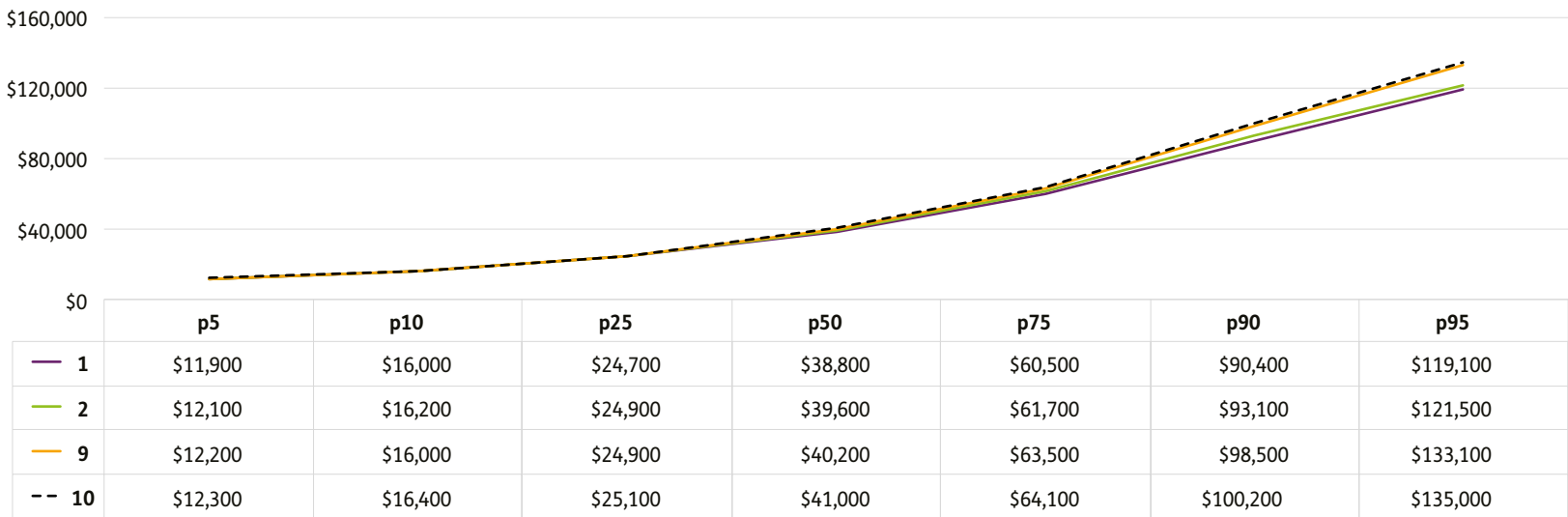


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Analysing the lowest deciles (deciles one and two) and the highest deciles (deciles 9 and 10) in more detail indicates that the differences between the lower and higher deciles are higher for the 90th and 95th percentile, than for the 5th and 10th percentile. However, at every point on the distribution, standardised plan budgets are higher for participants in the higher socio-economic areas compared with participants in the lower socio-economic areas.

Figure 3: Distribution of Standardised plan budgets by IEO deciles (first, second, ninth and tenth) – non SIL, age 0-64 –30 June 2021



Lastly, there are three other ABS SEIFA indexes² – the Index of Economic Resources (IER), the Index of Relative Socio-economic Advantage and Disadvantage (IRSAD), and the Index of Relative Socio-economic Disadvantage (IRSD). Similar results are evident using these three indexes (see Appendix).

² <https://www.abs.gov.au/websitedbs/censushome.nsf/home/seifa>

Appendix: Standardised plan budgets – ABS SEIFA Indices (deciles)

**Figure 4: Distribution of Standardised plan budgets by Index of Education and Occupation (IEO) deciles
– non SIL, age 0-64 –30 June 2021**

Percentiles	Deciles →									
	1	2	3	4	5	6	7	8	9	10
mean	\$49,500	\$50,700	\$51,800	\$52,400	\$53,000	\$52,400	\$52,800	\$53,000	\$52,600	\$53,700
p5	\$11,900	\$12,100	\$12,400	\$12,500	\$12,300	\$12,100	\$12,100	\$12,200	\$12,200	\$12,300
p10	\$16,000	\$16,200	\$16,400	\$16,400	\$16,200	\$16,100	\$16,100	\$16,100	\$16,000	\$16,400
p25	\$24,700	\$24,900	\$25,300	\$25,300	\$25,300	\$24,900	\$25,100	\$25,200	\$24,900	\$25,100
p50	\$38,800	\$39,600	\$40,300	\$40,300	\$40,500	\$40,000	\$40,400	\$40,200	\$40,200	\$41,000
p75	\$60,500	\$61,700	\$63,000	\$63,100	\$63,900	\$63,200	\$63,900	\$63,700	\$63,500	\$64,100
p90	\$90,400	\$93,100	\$94,300	\$95,600	\$97,600	\$96,900	\$98,300	\$98,500	\$98,500	\$100,200
p95	\$119,100	\$121,500	\$125,700	\$129,300	\$130,600	\$129,100	\$131,300	\$134,500	\$133,100	\$135,000

**Figure 5: Distribution of Standardised plan budgets by Index of Economic Resources (IER) deciles
– non SIL, age 0-64 –30 June 2021**

Percentiles	Deciles →									
	1	2	3	4	5	6	7	8	9	10
mean	\$51,800	\$51,200	\$51,100	\$51,300	\$51,700	\$52,200	\$52,400	\$52,100	\$53,300	\$54,600
p5	\$12,700	\$12,200	\$12,200	\$11,800	\$12,000	\$12,200	\$12,200	\$11,900	\$12,000	\$12,200
p10	\$16,800	\$16,300	\$16,300	\$15,900	\$15,900	\$15,900	\$16,200	\$15,800	\$16,200	\$16,300
p25	\$25,600	\$25,100	\$25,000	\$24,800	\$24,800	\$24,800	\$25,200	\$24,400	\$25,400	\$25,800
p50	\$40,200	\$39,600	\$39,700	\$39,500	\$39,500	\$39,900	\$40,400	\$39,500	\$41,200	\$41,600
p75	\$62,800	\$61,800	\$61,900	\$61,600	\$62,500	\$63,500	\$63,300	\$62,300	\$64,600	\$65,800
p90	\$94,700	\$93,100	\$93,400	\$94,000	\$96,300	\$96,000	\$95,900	\$97,400	\$99,500	\$101,400
p95	\$124,900	\$124,600	\$124,900	\$126,200	\$128,300	\$128,800	\$129,800	\$130,800	\$130,100	\$136,500

Appendix: Standardised plan budgets – ABS SEIFA Indices (deciles)

Figure 6: Distribution of Standardised plan budgets by Index of Relative Socio-economic Advantage and Disadvantage (IRSAD) deciles – non SIL, age 0-64 –30 June 2021

Percentiles	Deciles →									
	1	2	3	4	5	6	7	8	9	10
mean	\$50,700	\$50,800	\$51,200	\$52,200	\$51,900	\$52,600	\$52,800	\$52,400	\$53,400	\$54,200
p5	\$12,300	\$12,100	\$12,100	\$12,300	\$12,200	\$12,100	\$12,300	\$11,900	\$12,000	\$12,400
p10	\$16,400	\$16,300	\$16,100	\$16,300	\$16,100	\$16,000	\$16,200	\$15,900	\$15,900	\$16,300
p25	\$25,100	\$25,100	\$24,900	\$25,400	\$24,900	\$25,000	\$24,800	\$24,900	\$24,900	\$25,700
p50	\$39,500	\$39,700	\$39,700	\$40,400	\$39,900	\$40,200	\$40,000	\$40,300	\$40,400	\$41,600
p75	\$61,500	\$61,700	\$62,100	\$63,400	\$62,800	\$63,300	\$63,300	\$63,300	\$63,800	\$65,300
p90	\$92,300	\$92,500	\$93,800	\$95,700	\$95,900	\$96,800	\$98,700	\$97,300	\$100,400	\$101,300
p95	\$120,700	\$123,300	\$123,800	\$127,800	\$128,000	\$132,800	\$131,400	\$131,400	\$134,200	\$136,000

Figure 7: Distribution of Standardised plan budgets by Index of Relative Socio-economic Disadvantage (IRSD) deciles – non SIL, age 0-64 –30 June 2021

Percentiles	Deciles →									
	1	2	3	4	5	6	7	8	9	10
mean	\$50,800	\$50,900	\$51,200	\$51,800	\$52,300	\$52,800	\$52,100	\$52,700	\$53,800	\$53,900
p5	\$12,300	\$12,300	\$12,000	\$12,400	\$12,200	\$12,000	\$12,100	\$12,100	\$11,900	\$12,300
p10	\$16,500	\$16,400	\$16,000	\$16,400	\$16,100	\$16,100	\$15,900	\$16,000	\$15,900	\$16,300
p25	\$25,300	\$25,200	\$24,800	\$25,200	\$25,200	\$25,100	\$24,700	\$24,700	\$25,100	\$25,600
p50	\$39,600	\$39,700	\$39,700	\$39,900	\$40,300	\$40,000	\$39,900	\$40,100	\$41,200	\$41,600
p75	\$61,700	\$61,600	\$62,200	\$63,100	\$63,000	\$63,000	\$63,100	\$63,400	\$64,800	\$65,200
p90	\$92,300	\$92,900	\$93,600	\$95,100	\$97,100	\$97,000	\$96,900	\$98,700	\$100,300	\$101,300
p95	\$120,800	\$123,100	\$126,000	\$126,600	\$128,400	\$133,800	\$130,200	\$130,700	\$134,800	\$134,600



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