

Senate Committee: Education and Employment

**QUESTION ON NOTICE
Budget Estimates 2015 - 2016**

Outcome: Schools and Youth

Department of Education and Training Question No. SQ15-000374

Senator Sinodinos, Arthur asked on 04 June 2015, Proof Hansard page 104

Comparative performance of Australian students versus overseas students

Question

Senator SINODINOS: Without too much further work, there is information, I understand, available about the comparative performance of Australian students versus students overseas, whether it is through the OECD comparisons or others, and the linkage between funding and performance and what we can infer from that.

Mr Cook: I have provided evidence in the past around that. I have it here. We will certainly take it on notice where we talk to you about average per student costs per country and their PISA performance. We have that information. We will take it on notice.

Answer

Attachment A provides OECD information that compares Australia with other countries by the following criteria:

- Total public expenditure per student in 2011 for primary, secondary and post-secondary, non-tertiary (e.g. TAFE) education. Amounts shown are in equivalent US dollars converted using purchasing power parities (PPPs) for gross domestic product (GDP). This data is sourced from the OECD publication *Education at a Glance 2014*.
- Performance in 2012 Programme for International Student Assessment (PISA). This data is sourced from *PISA 2012 Results — Volume I — What students know and can do* (OECD 2014).

Average scores in PISA 2012 and total public expenditure per student in 2011 (OECD countries)

Country	Total public expenditure per student ¹ in 2011	PISA 2012 scores (15 year olds)		
		Reading literacy	Mathematical literacy	Scientific literacy
Luxembourg	\$ 18,598	488	490	491
Norway	\$ 13,263	504	489	495
Austria	\$ 11,999	490	506	506
United States	\$ 10,840	498	481	497
Sweden	\$ 10,548	483	478	485
Belgium	\$ 10,315	509	515	505
Denmark	\$ 9,943	496	500	498
Finland	\$ 9,113	524	519	545
Iceland	\$ 8,980	483	493	478
Netherlands	\$ 8,753	511	523	522
Japan	\$ 8,579	538	536	547
France	\$ 8,558	505	495	499
Australia	\$ 8,387	512	504	521
Germany	\$ 8,371	508	514	524
United Kingdom	\$ 8,336	499	494	514
Slovenia	\$ 8,027	481	501	514
New Zealand	\$ 7,844	512	500	516
Italy ²	\$ 7,682	490	485	494
Spain	\$ 7,569	488	484	496
Korea	\$ 6,856	536	554	538
Estonia	\$ 5,974	516	521	541
Israel	\$ 5,682	486	466	470
Czech Republic	\$ 5,572	493	499	508
Poland	\$ 5,308	518	518	526
Slovak Republic	\$ 4,520	463	482	471
Hungary	\$ 4,270	488	477	494
Chile ³	\$ 3,543	441	423	445
Mexico	\$ 2,284	424	413	415
Turkey	\$ 2,233	475	448	463
OECD average	\$ 7,996	496	494	501
Canada*	not available	523	518	525
Greece*	not available	477	453	467
Ireland*	not available	523	501	522
Portugal*	not available	488	487	489
Switzerland*	not available	509	531	515

Source: Education at a Glance 2014 (OECD 2014); PISA 2012 Results — Volume I — What students know and can do (OECD 2014).

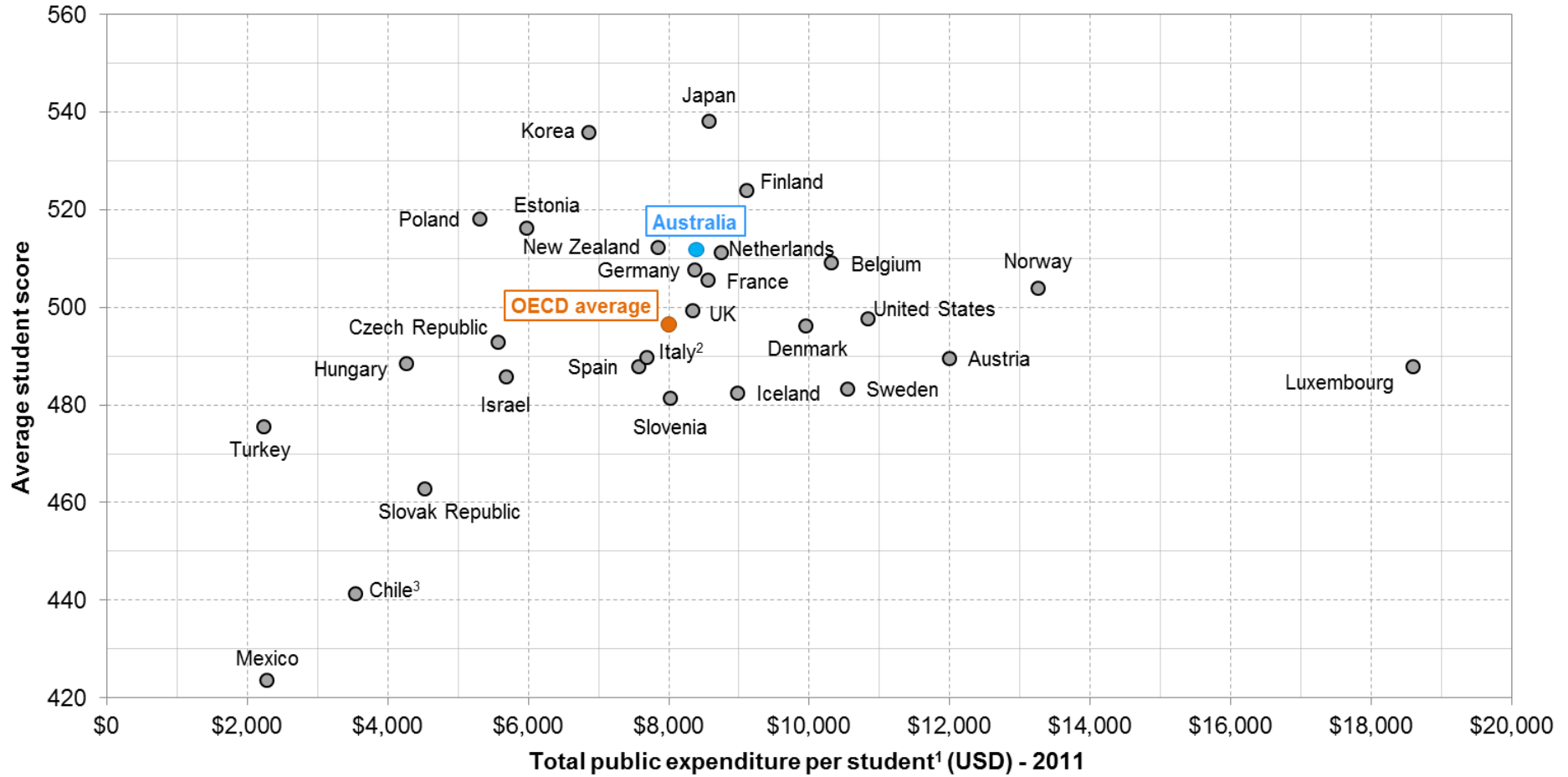
Notes: 1. Funding information represents total public expenditure in 2011 for primary, secondary and post-secondary, non-tertiary (e.g. TAFE) education. Amounts shown are in equivalent US dollars converted using PPPs for GDP.

2. Funding information for Italy excludes post-secondary non-tertiary education.

3. Funding information for Chile is from 2012.

* Funding information for Canada, Greece, Ireland, Portugal and Switzerland is not available.

Average scores in reading literacy in PISA 2012 by public expenditure per student¹ in 2011



Source: Education at a Glance 2014 (OECD 2014); PISA 2012 Results — Volume I — What students know and can do (OECD 2014).

Notes: 1. Funding information represents total public expenditure in 2011 for primary, secondary and post-secondary, non-tertiary (e.g. TAFE) education. Amounts shown are in equivalent US dollars converted using PPPs for GDP.

2. Funding information for Italy excludes post-secondary non-tertiary education.

3. Funding information for Chile is from 2012.

* Funding information for Canada, Greece, Ireland, Portugal and Switzerland is not available. These countries are not shown in the graph above.