

EQUITY OF THE NEW METRICS

New Metrics Partnership Seminar

University of Melbourne

9th September 2021

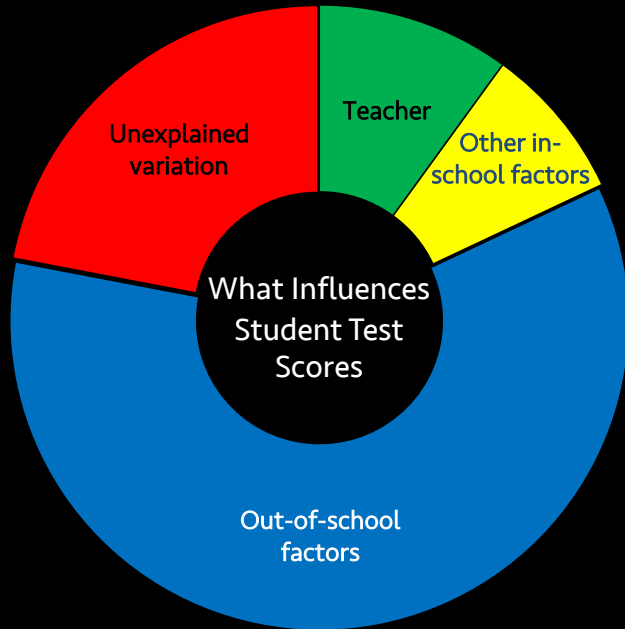
 [pasi_sahlberg](#)



"The conclusion that family background is far more important than people realized has remained a solid empirical finding for 50 years."

- Stephen Morgan (2016)

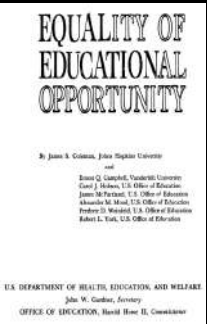
Teacher are important but...



“Teachers account for about 1% to 14% of the variability in test scores, therefore the majority of opportunities for quality improvement are found in the system-level conditions.”

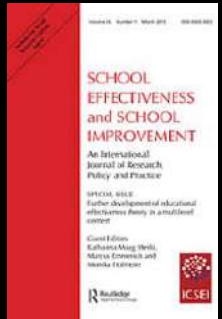
A BRIEF HISTORY OF THE STUDY OF EQUITY IN EDUCATION

"The highest-performing education systems across the OECD are those that combine quality with equity."



Effective schools

School improvement



OECD-PISA



Evolution of the meaning of equity

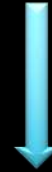
Equality of opportunity

Equal access to quality curriculum and instruction

Equality of outcomes

Closing the achievement gap

Excellence and equity



THE NEW MEANING OF EDUCATIONAL EQUITY

INDIVIDUAL PERSPECTIVE: ADEQUATE EDUCATION

All children receive an education that enables them to realise their talents and fully participate in adult society in a way of their own choosing.

+

INTERPERSONAL PERSPECTIVE: SOCIAL EQUITY

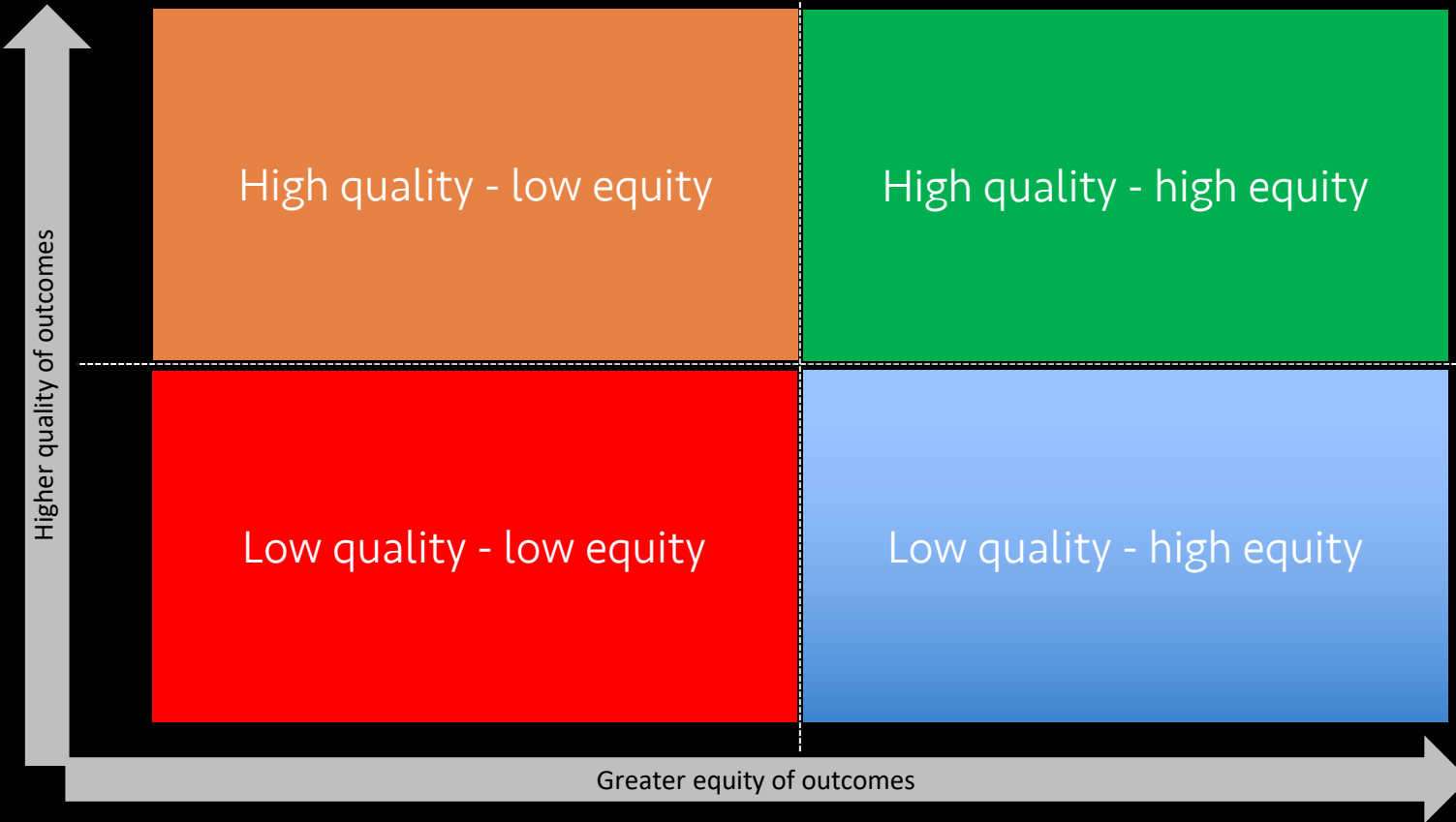
Children from different groups because of their gender, class, race, ethnicity and domicile achieve similar education outcomes to ensure non-discrimination.

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graph TD; A[INDIVIDUAL PERSPECTIVE: ADEQUATE EDUCATION] --> C[NEW METRICS]; B[INTERPERSONAL PERSPECTIVE: SOCIAL EQUITY] --> C; A --- D[+]; D --- B;
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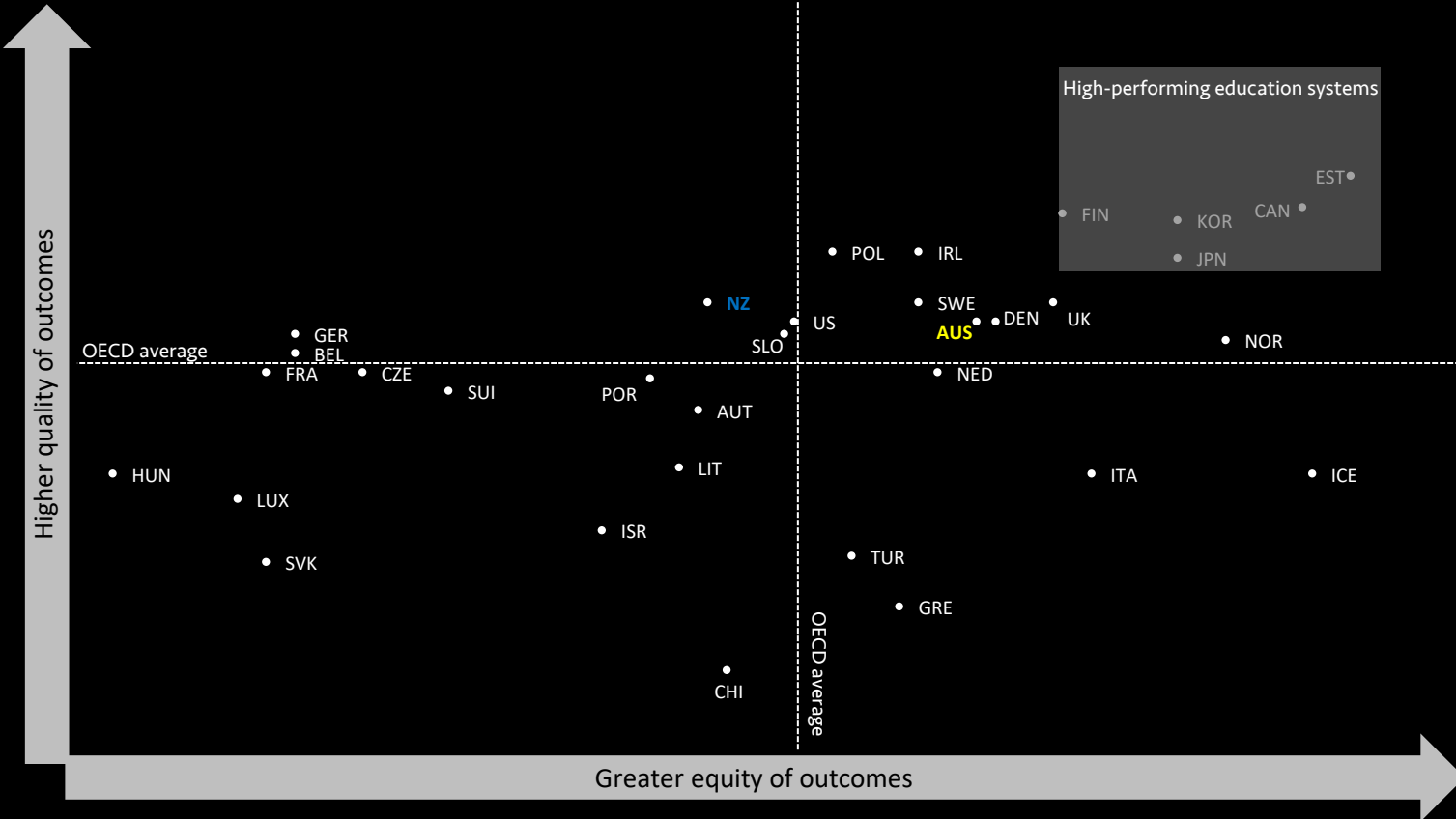
NEW METRICS
Composite index
to measure equity

THE NEW METRICS OF EQUITY

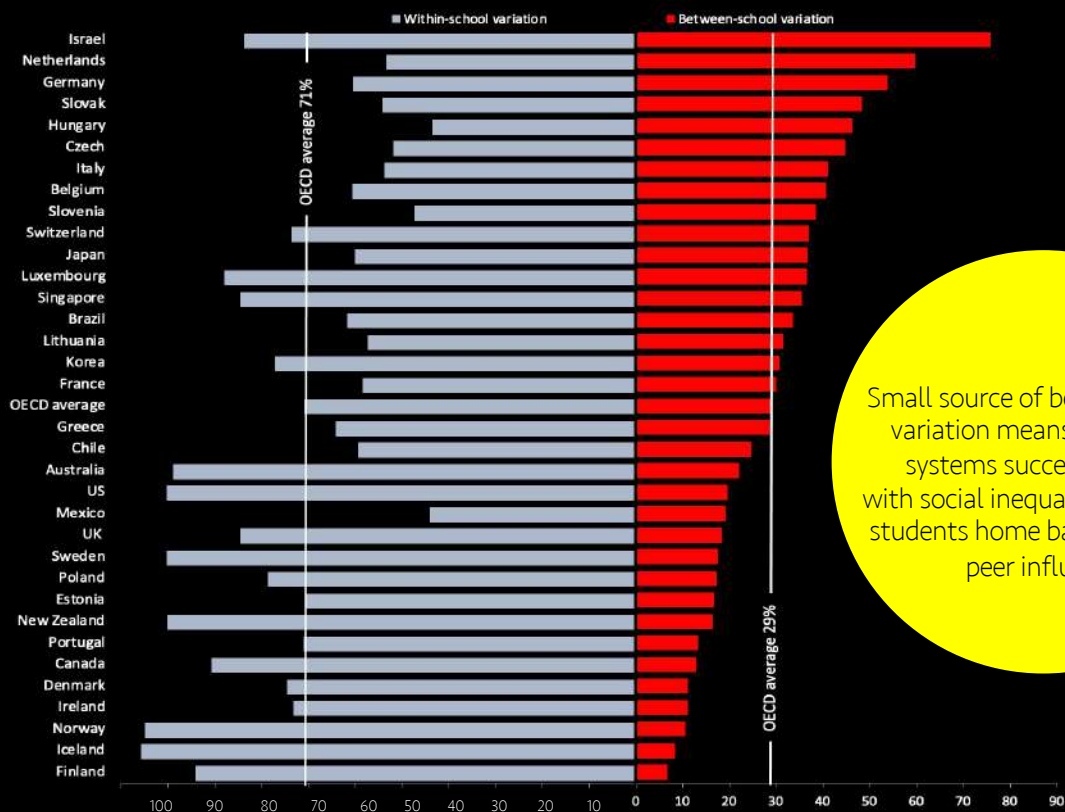
Strength of relationship between achievement and family background



Strength of relationship between achievement and family background



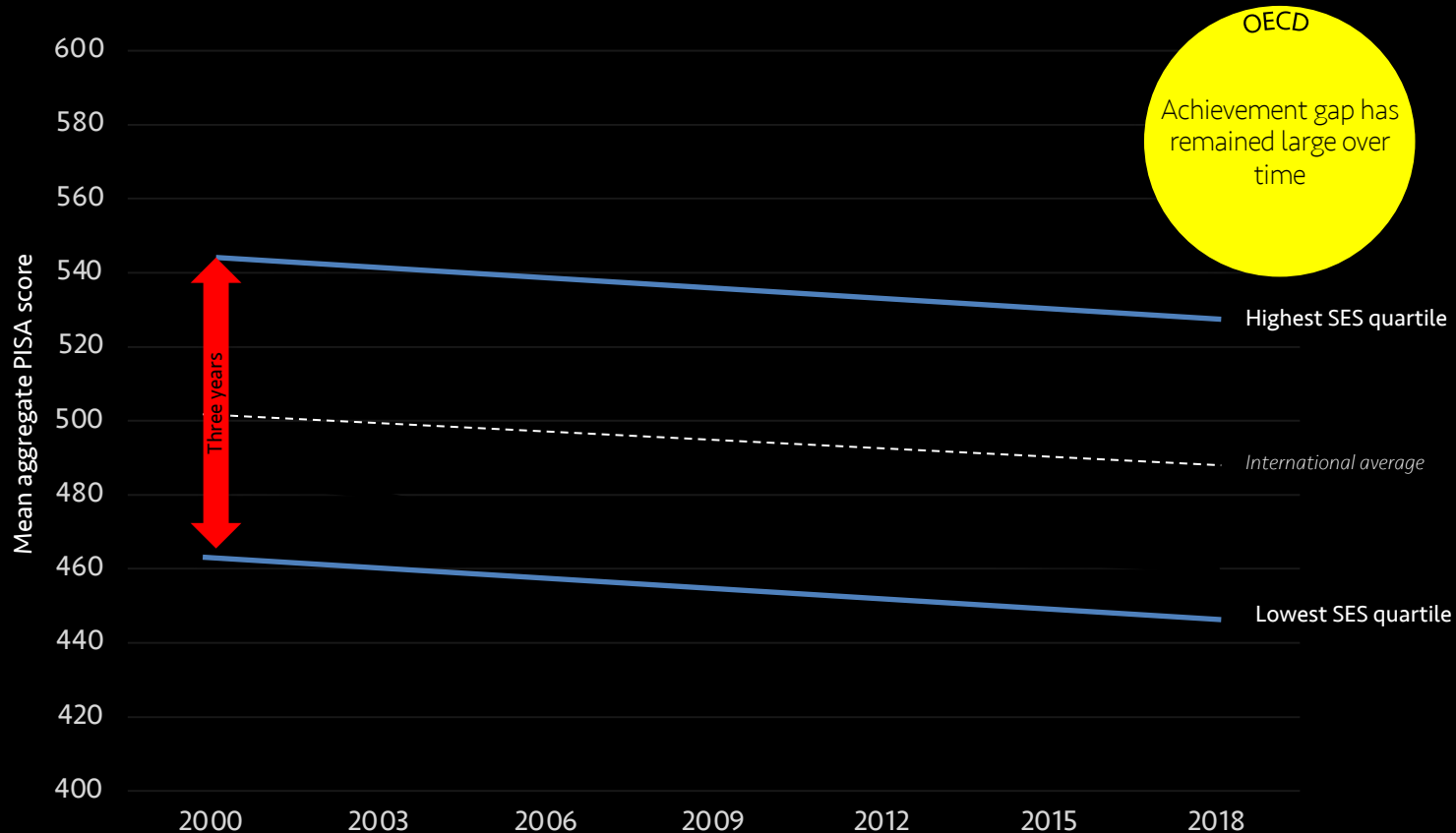
Variation in reading performance between and within schools



Small source of between-school variation means that school systems successfully deal with social inequalities caused by students home background and peer influence.

Strength of the relationship between achievement and family background

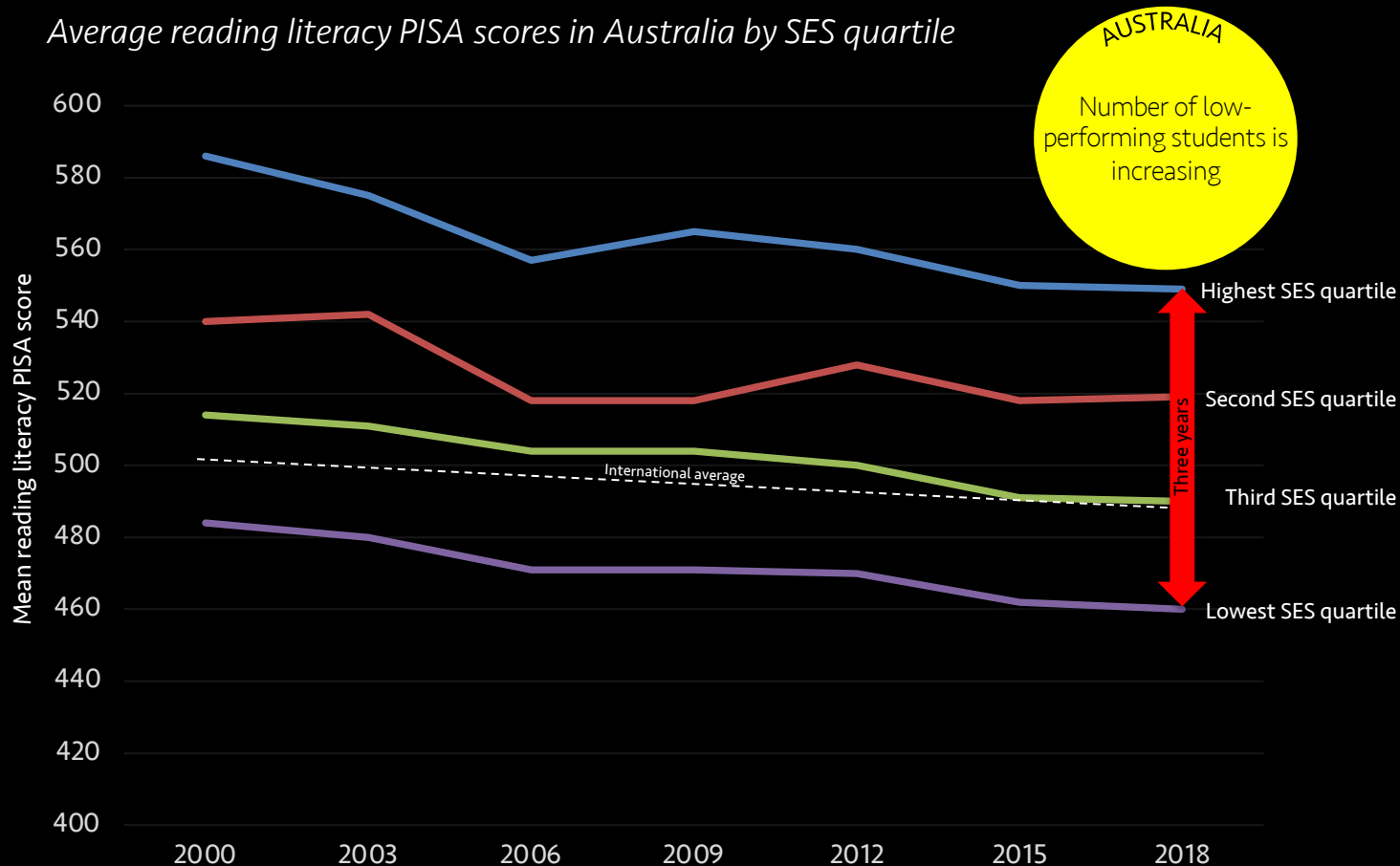
Average student academic achievement in OECD by socioeconomic (SES) quartile



Source: OECD database

Strength of the relationship between achievement and family background

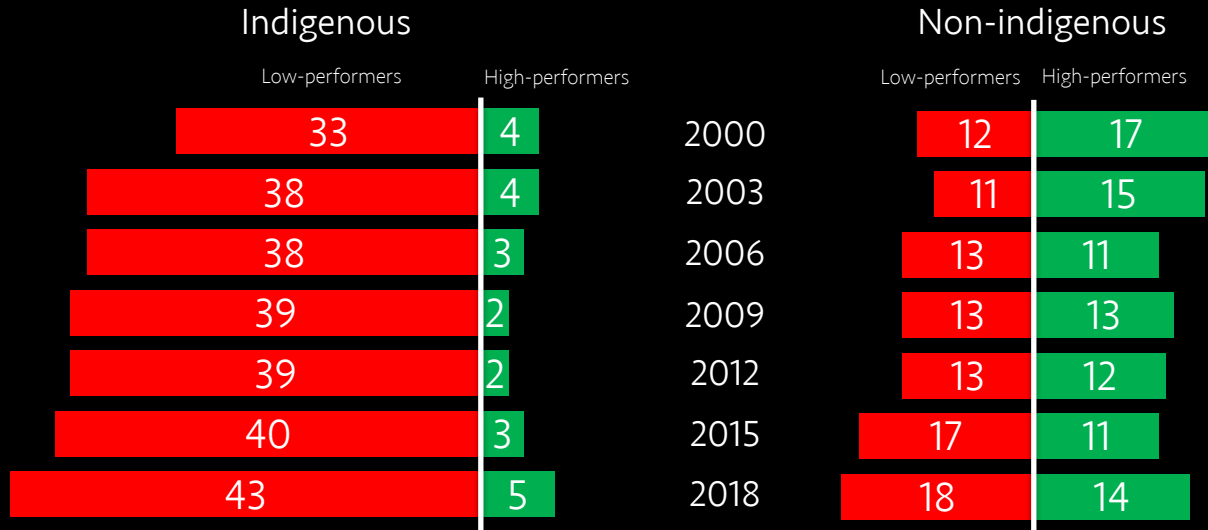
Average reading literacy PISA scores in Australia by SES quartile



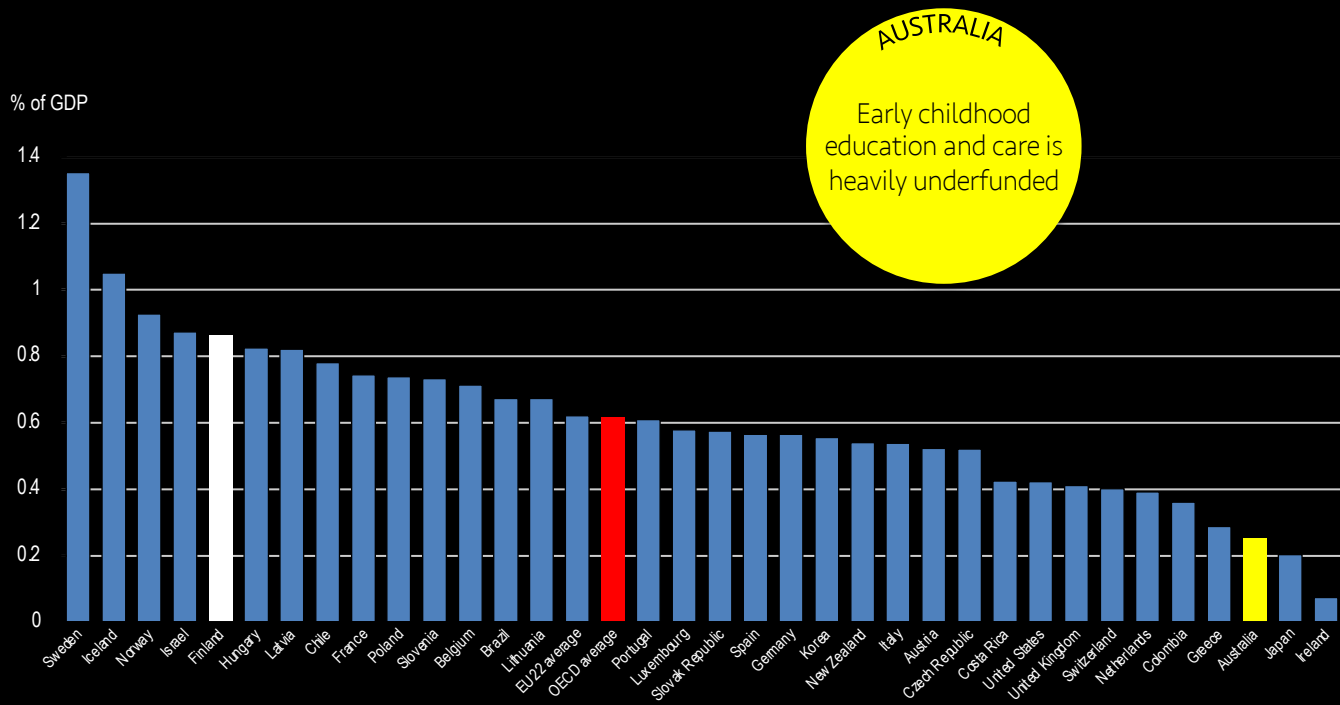
Strength of the relationship between achievement and family background

AUSTRALIA
Number of low-performing students is increasing

Proportions of low and high performers in Australia on the PISA reading literacy proficiency scale by Indigenous background

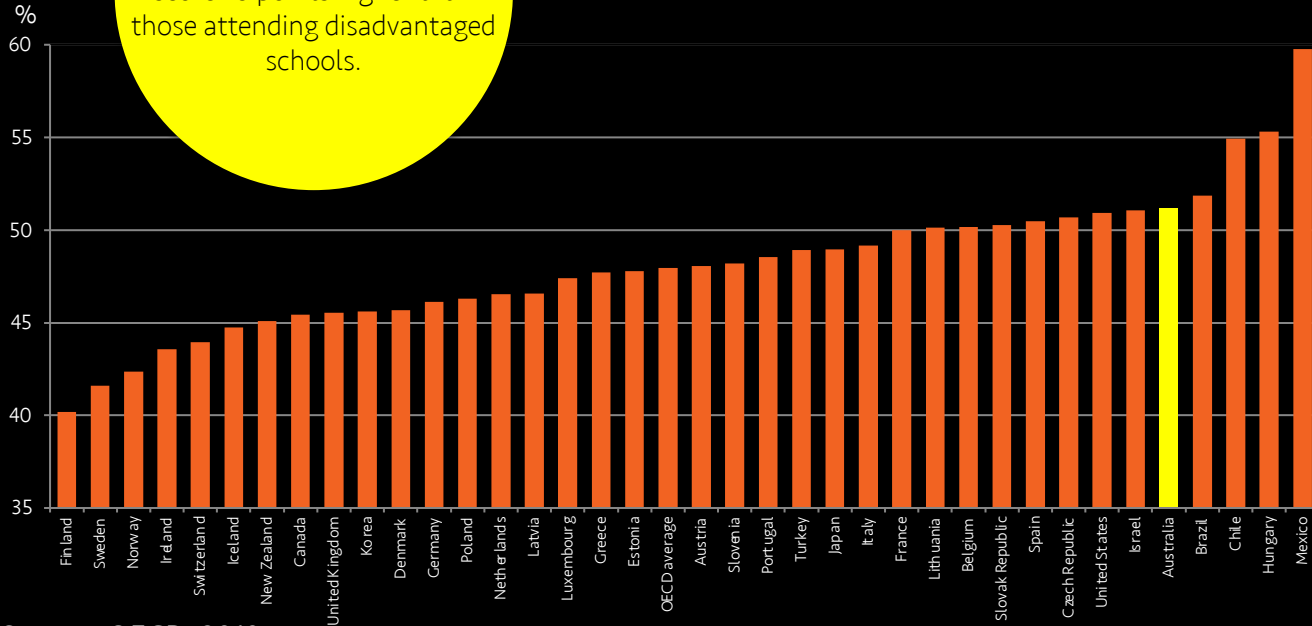


Resources to early childhood education



Proportion of disadvantaged students in disadvantaged schools

Disadvantaged students attending advantaged schools score 78 points higher than those attending disadvantaged schools.



CONCLUSION

“A child's learning is a function more of the characteristics of his classmates than of those of the teacher.”

- Coleman (1966)

“One of the persistent challenges confronting societies is how to reduce inequalities in the educational and occupational attainment of students from different socioeconomic, ethnic and race group backgrounds.”

- Kevin Marjoribanks (2002)

We need to think differently about:

- ❖ our students
- ❖ what is education for
- ❖ equity



Start to do things differently in education

Mission Possible: Fix Inequalities

Australia has a world class education system – but not for everyone. National data and international comparative reviews show that educational inequality is perhaps the most significant threshold that separates us from the pack of leading education nations in the world today. We deserve better as a nation, but moreover, we need to educate all our children so that they are given the tools to thrive and are capable of coping with the challenges that they may face in their lives. Some say that effecting meaningful change in an education system is too complicated and slow. We disagree and urge that as parents, caregivers, education stakeholders, policymakers, teachers and leaders, that we all can do better than we do now. But it takes all of us together to work for that better future and to implement small, but meaningful changes in our imprinted systems. Here are some examples what we all can do.

Mission for policymakers

Make equity a priority in education policy

Equity doesn't happen by chance. Effective and targeted policies can drive better practices. Policies should ensure that all schools have sufficient resources and enough trained personnel to make teaching and learning happen. Policies can also make clear what more equitable education would require schools to do. We know that quality education is easier to have with stronger equity. Consider these: High quality early childhood education for all, wellbeing as an essential outcome of schooling, and special needs education as an inclusive service to all children.

Mission for schools

Make wellbeing a cornerstone of a great school

Children learn better when they are healthy and happy. In recent times, the wellbeing of young Australians has been in steady decline. Similarly, teachers and principals are increasingly stressed, tired and burnt-out. Health and wellbeing are particular concerns among underprivileged children. Therefore, care for children's health and mental wellbeing should be part of the work of every school. Sufficient time for recess, physical activity, music, arts and play can positively affect students' and teachers' wellbeing in school and make it a better place for all.

Mission for parents and caregivers

Host a school improvement BBQ

All parents and caregivers want to send their child to the best school. In Australia, unlike many other countries, much time and effort is spent selecting these best schools. What is best for one child may not be for others. Parents and caregivers play an essential role in supporting the school and can make significant contributions to the school community. Supporting your child's school could be as easy as organising a fun gathering with friends to talk about how ways of improving the school to better serve different children, not just your own child/children. Challenge each other to do one concrete thing for the school community.

Mission for businesses

Ask for excellence and equity

Employers know it. Well educated employees are the heart of successful business. This often leads to expectations for schools to raise levels of excellence at any cost. But inequality can be very expensive for companies and taxpayers. Advocate for high quality education in your local community. Don't stop there, insist that education system must deliver these high results in equitable ways. Establish new partnerships with high performing schools in both quality and equity of learning outcomes.

Mission for teacher educators

Give all new teachers a course: "Equity in Education 101"

Teachers play a key role in schools to make all students learn beyond expectations. Initial teacher education can provide new teachers with a broader mindset and approach to student learning in school. Design a course for all students in initial teacher education that provides new teachers with the basic knowledge, values and skills to work in a school and education system that promotes greater equity.

Mission for children

Look after one another

Because we all are different, so are the children in our schools. Some students find school a comfortable place to be and learn, others don't. We can do much better in every school to help each and everyone to think that school is their favourite place. Find someone who looks lonely and doesn't have many friends in school. Sit and talk to a fellow student you don't know yet. Create a culture in your school that ensures helping everyone to succeed is the norm.

Mission for journalists

Tell the success stories

Media plays an important role in improving education systems. Too often, however, bad news stories are reported because this content seems to garner more attention. Australia has world class education writers who not just report the news of others but often investigate their own information for their stories. Write a story about a school or a community that has done extraordinary things in helping all children succeed in school. Collect real stories from children and parents and encourage inspiring school leaders and teachers to communicate what is possible in our schools.

Mission for artists

Help every school to become an art school

Australian schools have a long tradition of teaching children about the rich culture of arts, music and drama. Still, success in school is determined by grades or test scores in a select few academic subjects. Arts subjects offer most children opportunities to actively engage in learning in school and that is a condition for greater equity in education. Work with students to teach them the work of an artist. Create a project with a school to use traditional storytelling and music that includes all children. Make every school in your community an art school.

Mission for politicians

Listen to the experts

When the going gets tough, we often turn to expert advice. When politicians in Australia were coping with the global health pandemic in 2020, they systematically relied on the experience of health specialists and the top national and international scientists. Now, when you continue to develop Australian education systems to provide world class teaching and learning for all our children, make your decisions after listening to the advice of your top experts and practitioners. Communicate to schools and school leaders an overall direction and trust them to lead the way. Equitable education can't be created by force.

THANK YOU!

