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CONFERENCE ON
**EDUCATION DATA
AND STATISTICS**

CONFERENCIA SOBRE
**DATOS Y ESTADÍSTICAS
DE EDUCACIÓN**

CONFÉRENCE SUR LES
**DONNÉES ET STATISTIQUES
DE L'ÉDUCATION**

7 - 9 FEBRUARY 2024

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2024 CONFERENCE ON EDUCATION DATA AND STATISTICS

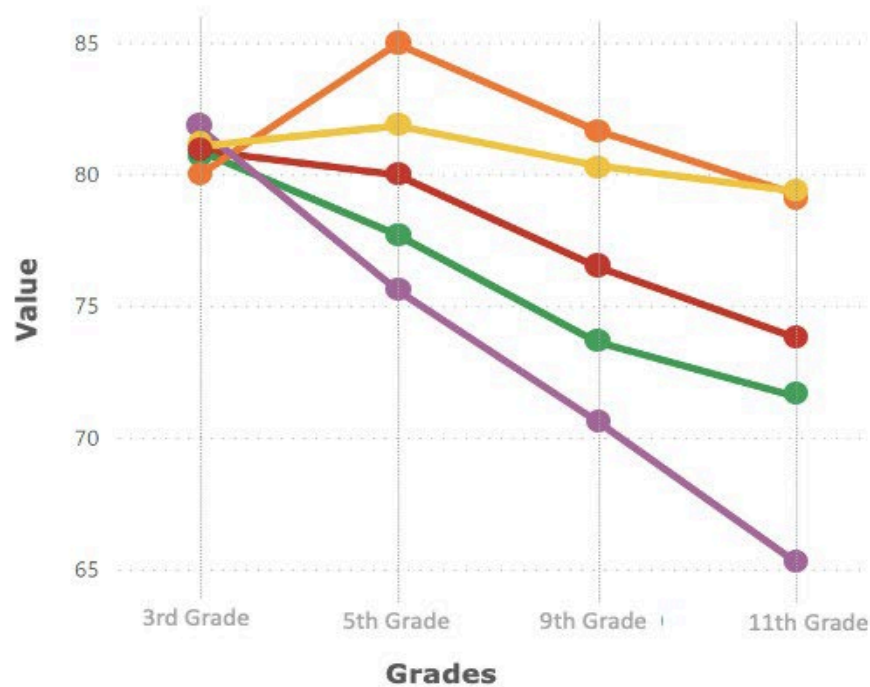
**Dignity Restoration:
The use of data and technology to face ethnic, gender
gaps and climate emergencies.**

Aurora Vergara Figueroa, PhD

Colombian Minister of National Education

Statistics on Use of Technology:

How are children and adolescents perceiving their knowledge and capacity to use technological tools in Colombia throughout different grades?



Analysis of outcomes by grade

Components

- Capabilities and Learning Index
- Context and history of IT
- Use and appropriation
- Problem resolution
- Technology and Computer Science



How does the perception about capabilities and learning in the areas of technology and computing evolve over the grades by gender?



Gender

State

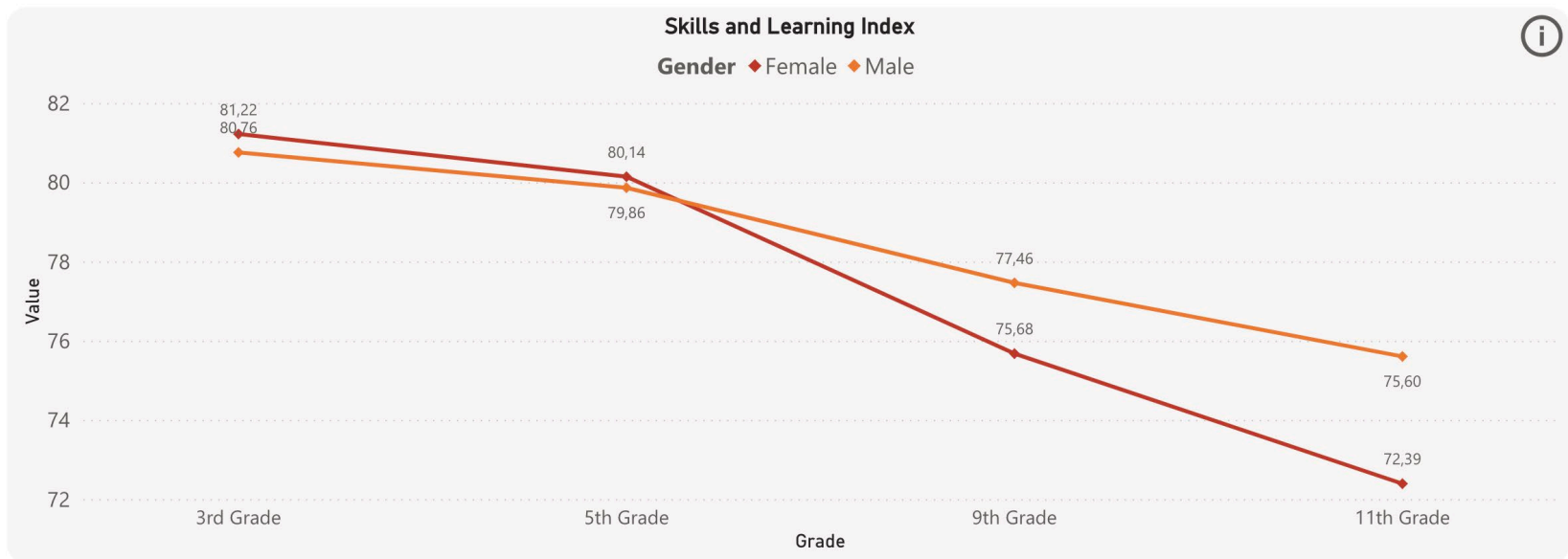
Todas

Education Department

Todas

School

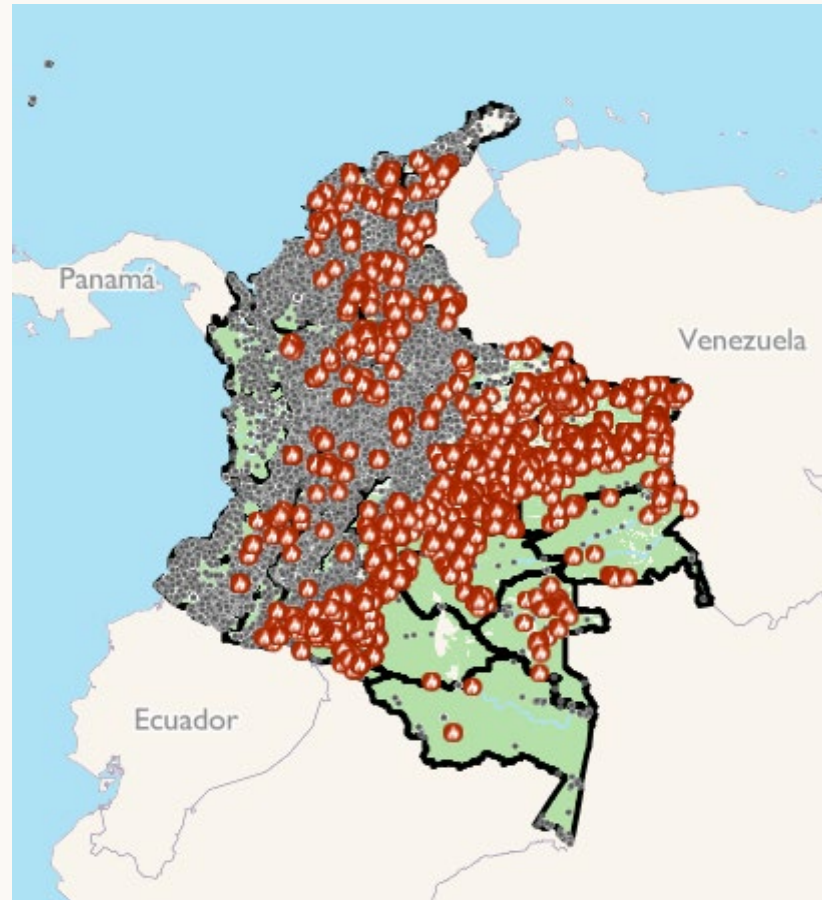
Todas



Source: National Ministry of Education of Colombia, Educational Innovation Office and Universidad EAFIT, 2023.



Risk map of the “El Niño” Phenomenon in Education Institutions: Use of geo-spatial and climate data for educational purposes



Source: National Ministry of Education. Map generated by ArcGIS. January 2024.



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