



Webinar

Celebrating AHKGA's 10th Anniversary!



Dr Javier Brazo-Sayavera



Prof Mark Tremblay



Dr Salomé Aubert



May 21st, 2024



Online - Zoom



Agenda

- Welcome and introduction
- Timeline: where and how it all began
- 10 years of growth and expansion
- Success stories, achievements and impact
- Challenges faced along 10 years of Global Matrices
- Areas of improvement, future plans and priorities
- Wrap-up and fireworks



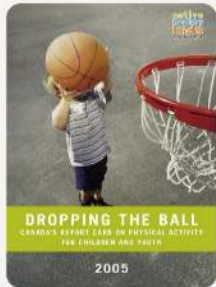
Introduction



*TIME TO
CELEBRATE!*

Timeline

Historical timeline



2014

Toronto, Canada - Active Healthy Kids Canada organized the **Global Summit** on the Physical Activity of Children.

Due to the success of the Global Summit, the **AHKGa** was established.



2005

Due to growing concerns of physical inactivity among kids in Canada, the **first Report Card on Physical Activity** for Children and Youth was released by the not-for-profit organization **Active Healthy Kids Canada**.

At the Global Summit **15 countries** simultaneously released their respective **country-specific Report Cards** on Physical Activity for Children and Youth. Together this created the **Global Matrix 1.0**.



2016

Bangkok, Thailand - The **Global Matrix 2.0** was released on **November 26th 2016** featuring participation from **38 countries**.



2018

May 25th, 2018 - AHKGa officially became **incorporated** as a not-for-profit organization.



Adelaide, Australia - The **Global Matrix 3.0** was released at the **Movement To Move** event on **November 27th 2018** featuring data from **49 countries**.

2022

Abu Dhabi, United Arab Emirates - The **Global Matrix 4.0** was released at the **ISPAH 2022 Congress** on **October 24th 2022** featuring data from **57 countries** from six continents.



Growth and expansion

AHKGA Global Matrix expansion

2014

Global Matrix 1.0 - released in
Toronto, Canada

15 Participating countries

147 Experts from around the world

2016

Global Matrix 2.0 - released in Bangkok,
Thailand

38 Participating countries

349 Experts from around the world

2018

Global Matrix 3.0 - released in Adelaide, Australia

49 Participating countries

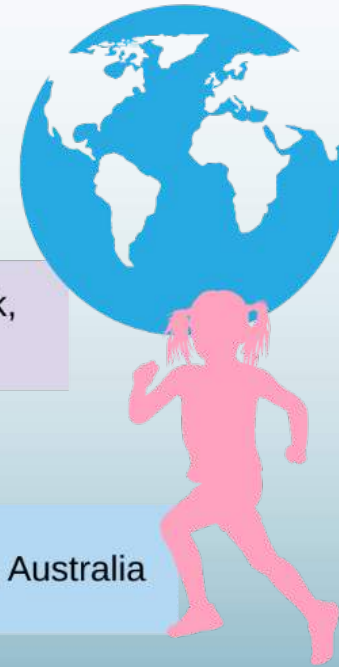
512 Experts from around the world

2022

Global Matrix 4.0 - released in Abu Dhabi, United Arab Emirates

57 Participating countries

682 Experts from around the world





GLOBAL MATRIX 1.0

Toronto, Canada, 2014



Growth and expansion



Journal of Physical Activity and Health, 2014, 11(Supp 1), S113-S125
<http://dx.doi.org/10.1123/jpah.2014-0177>
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JOURNAL OF
Physical Activity & Health

Official Journal of ISPAH

www.JPAH-Journal.com

BRIEF REPORT

Physical Activity of Children: A Global Matrix of Grades Comparing 15 Countries

Mark S. Tremblay, Casey E. Gray, Kingsley Akinroye, Dierdre M. Harrington, Peter T. Katzmarzyk, Estelle V. Lambert, Jarmo Liukkonen, Ralph Maddison, Reginald T. Ocansey, Vincent O. Onywera, Antonio Prista, John J. Reilly, María del Pilar Rodríguez Martínez, Olga L. Sarmiento Duenas, Martyn Standage, and Grant Tomkinson

**Cited by
>500**

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Physical Activity of Children: A Global Matrix of Grades Comparing 15 Countries

Special issue in JPAH

- One international peer-reviewed publication
 - Who is Leading and Lagging?
 - Disparities and Inequities
 - Research and Surveillance Gaps and Needs
 - Recommendations for Improving the Grades and
 - Future Directions
- 15 Report Card peer-reviewed publications




GLOBAL MATRIX 2.0

Bangkok, Thailand, 2016



Growth and expansion

Journal of Physical Activity and Health, 2016, 13 (Suppl 2), S343-S366
<http://dx.doi.org/10.1123/jpah.2016-0594>
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ORIGINAL RESEARCH

Global Matrix 2.0: Report Card Grades on the Physical Activity of Children and Youth Comparing 38 Countries

Mark S. Tremblay, Joel D. Barnes, Silvia A. González, Peter T. Katzmarzyk, Vincent O. Onywera, John J. Reilly, Grant R. Tomkinson, and the Global Matrix 2.0 Research Team

Cited by
>500

Tremblay and Barnes are with the Healthy Active Living and Obesity Research Group, Children's Hospital of Eastern Ontario Research Institute, Ottawa, Ontario, Canada. González is with the School of Medicine, Universidad de los Andes, Bogotá, Colombia. Katzmarzyk is with the Pennington Biomedical Research Center, Baton Rouge, LA, USA. Onywera is with the Dept of Recreation Management and Exercise Science, Kenyatta University, Nairobi, Kenya. Reilly is with the Physical Activity for Health Group, School of Psychological Sciences and Health, University of Strathclyde, Glasgow, Scotland. Tomkinson is with the Dept of Kinesiology and Public Health Education, University of North Dakota, Grand Forks, ND, USA; and the Alliance for Research in Exercise, Nutrition, and Activity, School of Health Sciences & Sansom Institute for Health Research, University of South Australia, Adelaide, Australia. The Global Matrix 2.0 Research Team consists of Nicolas Aguilar-Farias (Universidad de La Frontera, Chile), Kingsley K. Akinroye (Nigerian Heart Foundation), Mohamed Ghaith Al-Kuwari (Aspetar Hospital, Qatar), Areekul Amornsriwatanakul (University of Western Australia), Salomé Aubert (Children's Hospital of Eastern Ontario Research Institute, Canada), Sarahjane Belton (Dublin City University, Ireland), Aleksandra Goldys (University of Warsaw, Poland), Marianella Herrera-Cuenca (Central University of Venezuela), Justin Y. Jeon (Yonsei University, South Korea), Jaak Jürimäe (University of Tartu, Estonia), Tarun R. Katapally (University of Regina, Canada), Estelle V. Lambert (University of Cape Town, South Africa), Lisbeth R. Larsen (University College Lillebælt, Denmark), Yang Liu (Shanghai University of Sport, China), Marie Löf (Karolinska Institutet, Sweden), Tom Loney (United Arab Emirates University), Juan R. López y Taylor (Universidad de Guadalajara, México), Ralph Maddison (University of Auckland, New Zealand), Taru Manyanga (Children's Hospital of Eastern Ontario Research Institute, Canada), Shawnda A. Morrison (University of Primorska, Slovenia), Jorge Mota (Universidade do Porto, Portugal), Marie H. Murphy (Ulster University, Northern Ireland), Nelson Nardo Jr. (Universidade Estadual de Maringá, Brazil), Reginald T-A. Ocansey (Active Healthy Kids Ghana Group, Ghana), António Prista (Universidade Pedagógica, Mozambique), Blanca Roman-Viñas (Nutrition Research Foundation, Spain), Natasha K. Schranz (University of South Australia), Jan Seghers (KU Leuven, Belgium), Razinah Sharif (University Kebangsaan Malaysia), Martyn Standage (University of Bath, United Kingdom), Gareth Stratton (Swansea University, Wales), Tim Takken (Wilhelmina Children's Hospital, the Netherlands), Tuija H. Tammelin (LIKES Research Centre for Physical Activity and Health, Finland), Chiaki Tanaka (J.F. Oberlin University, Japan), Yan Tang (Shanghai University of Sport, China), and Stephen H. Wong (The Chinese University of Hong Kong, China). Tremblay (mtremblay@cheo.on.ca) is corresponding author.

Growth and expansion



**Global Matrix 2.0: Report Card Grades on the Physical Activity
of Children and Youth Comparing 38 Countries**

Special issue in JPAH

- One Global Report peer-reviewed publication
 - Correlation Matrix of Average Country Report Card Grades by Global Descriptors
 - Successes and Challenges Based on Indicator Grades
 - Disparities and Inequities
 - Data Gaps and Research Priorities
 - Recommendations for Improving the Grades and Future Directions
- 38 National Report Card peer-reviewed publications



GLOBAL MATRIX 3.0

Adelaide, Australia, 2018



Growth and expansion

Journal of Physical Activity and Health, 2018, 15(Suppl 2), S251-S273
<https://doi.org/10.1123/jpah.2018-0472>
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ORIGINAL RESEARCH

Global Matrix 3.0 Physical Activity Report Card Grades for Children and Youth: Results and Analysis From 49 Countries

Salomé Aubert, Joel D. Barnes, Chalchisa Abdeta, Patrick Abi Nader, Ade F. Adeniyi, Nicolas Aguilar-Farias, Dolores S. Andrade Tenesaca, Jasmin Bhawra, Javier Brazo-Sayavera, Greet Cardon, Chen-Kang Chang, Christine Delisle Nyström, Yolanda Demetriou, Catherine E. Draper, Lowri Edwards, Arunas Emeljanovas, Aleš Gába, Karla I. Galaviz, Silvia A. González, Marianella Herrera-Cuenca, Wendy Y. Huang, Izzeldin A.E. Ibrahim, Jaak Jürimäe, Katariina Kämppi, Tarun R. Katapally, Piyawat Katewongsa, Peter T. Katzmarzyk, Asaduzzaman Khan, Agata Korcz, Yeon Soo Kim, Estelle Lambert, Eun-Young Lee, Marie Löf, Tom Loney, Juan López-Taylor, Yang Liu, Daga Makaza, Taru Manyanga, Bilyana Mileva, Shawnda A. Morrison, Jorge Mota, Vida K. Nyawornota, Reginald Ocansey, John J. Reilly, Blanca Roman-Viñas, Diego Augusto Santos Silva, Pairoj Saonuam, John Scriven, Jan Seghers, Natasha Schranz, Thomas Skovgaard, Melody Smith, Martyn Standage, Gregor Starc, Gareth Stratton, Narayan Subedi, Tim Takken, Tuija Tammelin, Chiaki Tanaka, David Thivel, Dawn Tladi, Richard Tyler, Riaz Uddin, Alun Williams, Stephen H.S. Wong, Ching-Lin Wu, Paweł Zembura, and Mark S. Tremblay

**Cited by
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Global Matrix 3.0 Physical Activity Report Card Grades for Children and Youth: Results and Analysis From 49 Countries

Special issue in JPAH

- One global peer-reviewed publication
 - Most Successful Countries
 - Least Successful Countries
 - Integrated global results & discussion by indicators
 - Analysis of findings by countries' Human Development Index
- 3 international comparison peer-reviewed publications
 - One for each country HDI category (low and medium, high, very high)
- 49 2-page harmonised & co-edited Report Card findings summary

Growth and expansion



Global Matrix 3.0 Physical Activity Report Card Grades for Children and Youth: Results and Analysis From 49 Countries

Indicators of Physical Activity Among Children and Youth in 9 Countries With Low to Medium Human Development Indices: A Global Matrix 3.0 Paper

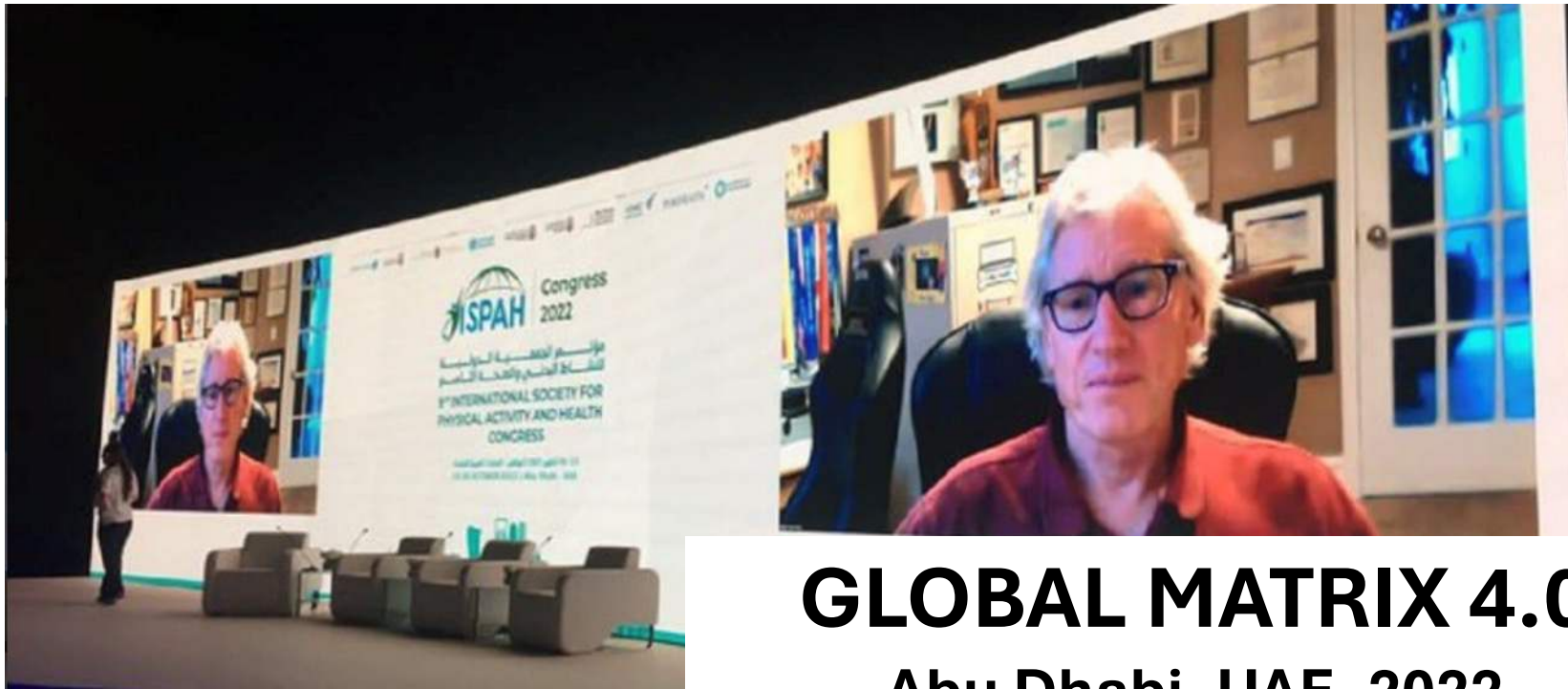
Taru Manyanga, Joel D. Barnes, Chalachisa Abdeta, Ade F. Adeniyi, Jasmin Bhawra, Catherine E. Draper, Tarun R. Katapally, Asaduzzaman Khan, Estelle Lambert, Daga Makaza, Vida K. Nyawornota, Reginald Ocansey, Narayan Subedi, Riaz Uddin, Dawn Tladi, and Mark S. Tremblay

Report Card Grades on the Physical Activity of Children and Youth From 10 Countries With High Human Development Index: Global Matrix 3.0

Silvia A. González, Joel D. Barnes, Patrick Abi Nader, Dolores Susana Andrade Tenesaca, Javier Brazo-Sayavera, Karla I. Galaviz, Marianella Herrera-Cuenca, Piyawat Katewongsa, Juan López-Taylor, Yang Liu, Bilyana Mileva, Angélica María Ochoa Avilés, Diego Augusto Santos Silva, Pairoj Saonuan, and Mark S. Tremblay

Report Card Grades on the Physical Activity of Children and Youth Comparing 30 Very High Human Development Index Countries

Salomé Aubert, Joel D. Barnes, Nicolas Aguilar-Farias, Greet Cardon, Chen-Kang Chang, Christine Delisle Nyström, Yolanda Demetriou, Lowri Edwards, Arunas Emeljanovas, Aleš Gába, Wendy Y. Huang, Izzeldin A.E. Ibrahim, Jaak Jürimäe, Peter T. Katzmarzyk, Agata Korcz, Yeon Soo Kim, Eun-Young Lee, Marie Löf, Tom Loney, Shawnda A. Morrison, Jorge Mota, John J. Reilly, Blanca Roman-Viñas, Natasha Schranz, John Scriven, Jan Seghers, Thomas Skovgaard, Melody Smith, Martyn Standage, Gregor Starc, Gareth Stratton, Tim Takken, Tuija Tammelin, Chiaki Tanaka, David Thivel, Richard Tyler, Alun Williams, Stephen H.S. Wong, Paweł Zembura, and Mark S. Tremblay



GLOBAL MATRIX 4.0

Abu Dhabi, UAE, 2022



Global Matrix 4.0 Report Cards



Growth and expansion

Journal of Physical Activity and Health, 2022, 19, 700-728
<https://doi.org/10.1123/jpah.2022-0456>
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ORIGINAL RESEARCH

Global Matrix 4.0 Physical Activity Report Card Grades for Children and Adolescents: Results and Analyses From 57 Countries

Salomé Aubert, Joel D. Barnes, Iryna Demchenko, Myranda Hawthorne, Chalchisa Abdeta, Patrick Abi Nader, José Carmelo Adsuar Sala, Nicolas Aguilar-Farias, Susana Aznar, Peter Bakalár, Jasmin Bhawra, Javier Brazo-Sayavera, Mikel Bringas, Jonathan Y. Cagas, Angela Carlin, Chen-Kang Chang, Bozhi Chen, Lars Breum Christiansen, Candice Jo-Anne Christie, Gabriela Fernanda De Roia, Christine Delisle Nyström, Yolanda Demetriou, Visnja Djordjic, Arunas Emeljanovas, Liri Findling Endy, Aleš Gába, Karla I. Galaviz, Silvia A. González, Kylie D. Hesketh, Wendy Yajun Huang, Omphile Hubona, Justin Y. Jeon, Danijel Jurakić, Jaak Jürimäe, Tarun Reddy Katapally, Piyawat Katewongsa, Peter T. Katzmarzyk, Yeon-Soo Kim, Estelle Victoria Lambert, Eun-Young Lee, Sharon Levi, Pablo Lobo, Marie Löf, Tom Loney, José Francisco López-Gil, Juan López-Taylor, Evelin Mäestu, Agus Mahendra, Daga Makaza, Marla Frances T. Mallari, Taru Manyanga, Bojan Masanovic, Shawnda A. Morrison, Jorge Mota, Falk Müller-Riemenschneider, Laura Muñoz Bermejo, Marie H. Murphy, Rowena Naidoo, Phuong Nguyen, Susan Paudel, Željko Pedišić, Jorge Pérez-Gómez, John J. Reilly, Anne Kerstin Reimers, Amie B. Richards, Diego Augusto Santos Silva, Pairoj Saonuam, Olga L. Sarmiento, Vedrana Sember, Mohd Razif Shahril, Melody Smith, Martyn Standage, Gareth Stratton, Narayan Subedi, Tuija H. Tammelin, Chiaki Tanaka, Riki Tesler, David Thivel, Dawn Mahube Tladi, Lenka Tlučáková, Leigh M. Vanderloo, Alun Williams, Stephen Heung Sang Wong, Ching-Lin Wu, Paweł Zembura, and Mark S. Tremblay

**Cited by
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Global Matrix 4.0 Physical Activity Report Card Grades for Children and Adolescents: Results and Analyses From 57 Countries

Special issue in JPAH

- One global peer-reviewed publication
 - Impact of the COVID-19 pandemic
 - Grade analyses by HDI
 - Top 3 global priorities to improve the global matrix grades
 - Impact of war, climate change, and economic change
 - Multivariable analyses of factors associated with the global matrix grades
 - Lessons learned from countries with the highest grade for each indicator
- 1 introductory brief report
- 4 international peer-reviewed publication presenting new analyses

BRIEF REPORT

Active Healthy Kids Global Alliance Global Matrix 4.0—A Resource for Physical Activity Researchers

By: Mark S. Tremblay, Joel D. Barnes, Iryna Demchenko, Silvia A. Gonzalez, Javier Brazo-Sayavera, Jakub Kalinowski, Peter T. Katzmarzyk, Taru Manyanga, John J. Reilly, Stephen Heung Sang Wong, and Salomé Aubert

Pages: 693–699

Recent Secular Trends in Child and Adolescent Physical Activity and Sedentary Behavior Internationally: Analyses of Active Healthy Kids Global Alliance Global Matrices 1.0 to 4.0

By: John J. Reilly, Joel Barnes, Silvia Gonzalez, Wendy Y. Huang, Taru Manyanga, Chiaki Tanaka, and Mark S. Tremblay

Pages: 729–736

Association Between Physical Activity Indicators and Human Development Index at a National Level: Information From Global Matrix 4.0 Physical Activity Report Cards for Children and Adolescents

By: Diego Augusto Santos Silva, Salomé Aubert, Kwok Ng, Shawnda A. Morrison, Jonathan Y. Cagas, Riki Tesler, Dawn Tladi, Taru Manyanga, Silvia A. González, Eun-Young Lee, and Mark S. Tremblay

Pages: 737–744

Economic Freedom, Climate Culpability, and Physical Activity Indicators Among Children and Adolescents: Report Card Grades From the Global Matrix 4.0

By: Eun-Young Lee, Patrick Abi Nader, Salomé Aubert, Silvia A. González, Peter T. Katzmarzyk, Asaduzzaman Khan, Wendy Y. Huang, Taru Manyanga, Shawnda Morrison, Diego Augusto Santos Silva, and Mark S. Tremblay

Pages: 745–757

Promoting Physical Activity Among Children and Adolescents With Disabilities: The Translation of Policy to Practice Internationally

By: Cindy Sit, Salomé Aubert, Catherine Carty, Diego Augusto Santos Silva, José Francisco López-Gil, Piritta Asunta, Yves Palad, Roselle Guisihan, Jeongmin Lee, Kelly P. Arbour Nicitopoulos, Leigh M. Vanderloo, Heidi Stanish, Justin Haeghele, Piotr K. Urbański, Jurate Pozeriene, Yeshayahu Hutzler, and Kwok Ng

Pages: 758–768

Award Winners

Global Matrix 3.0

AWARDS

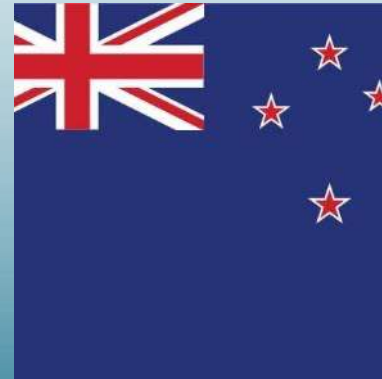
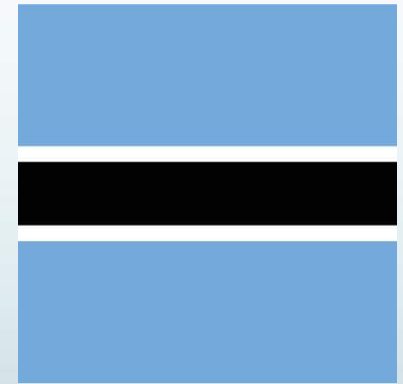
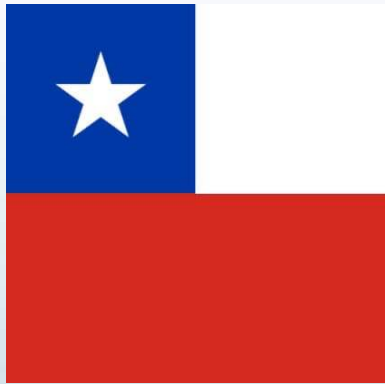
Best Report Card  FINLAND	Best Report Card Poster  SLOVENIA	Best Contributor to the Global Matrix 3.0  ALEŠ GÁBA CZECH REPUBLIC
Most Responsive Report Card Leader  PATRICK ABI NADER LEBANON	Best Report Card Promoter  STEPHEN WONG HONG KONG	

Global Matrix 4.0

Best Report Card  Team Basque Country		Best Report Card Poster  Team Czech Republic
Best First Time Global Matrix Participant  Team Philippines	 Most Enthusiastic Report Card Team Team Thailand	Global Matrix 4.0 Fellow Award  Dr. Salomé Aubert



Success stories





Chile

Chilean Report Card on Physical Activity in Children and Adolescents



Mexico

**Boleta de Calificaciones Mexicana sobre Actividad Física en Niñas,
Niños y Adolescentes(2012-2022)**

**Mexican Report Card on Physical Activity in Girls, Boys and
Adolescents**

Mexico

2007



Dr. Juan Lopez y Taylor

Dr. Mark Tremblay

Dr. Peter Katzmarzyk

Dr. Ian Janssen

Dr. Lucie Lévesque

Canadá – México Combatiendo la Obesidad Infantil



www.cambio-red.net

Monarca-CAMBIO Meeting, February 24, 2010, 6-8 pm



What is CAMBIO?



CAMBIO was a 4 year (2007-2011), \$1.6 million, research capacity enhancing program funded as part of the Teasdale-Corti initiative of the Global Health Research Initiative through the International Development Research Centre of Canada.



ITESO

ITESO, Universidad
Jesuita de Guadalajara



Dr. Juan Lopez y Taylor



Dr. María del Pilar Rodríguez



Dr. Edtna Jáuregui



Dra. Karla Galaviz



Dr. Juan Lopez y Taylor



Dra. Marcela Pérez



Dra. María del Pilar Rodríguez



Mtra. Selene Pacheco



Dra. Alejandra Jáuregui



Dra. Edtna Jáuregui



Dra. Inés González



Lic. Ricardo Retano



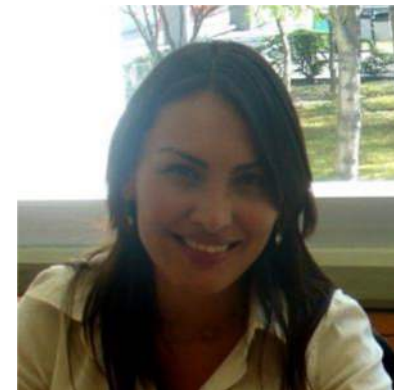
Mtro. Alejandro Gaytán



Dra. Catalina Medina



Dr. Martín González



Dra. Gabriela Argumedo



Lic. Julissa Ortiz

2012



2014



2022



2016



2018



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Dissemination forum

Dissemination Forum for the Results of the 2022 Mexican Report Card - Universidad de Guadalajara

On January 19th, 2023 at 10:00hrs the 2022 Mexican Report Card was launched with a Results Dissemination Forum at Universidad de Guadalajara. It had the participation of all collaborators in the 2022 edition and was broadcasted and disseminated through the social media of the Department of Human Movement Sciences and the Mexican Report Card.



Results Dissemination Forum for the 2022 Mexican Report Card on Physical Activity in Children and Adolescents
Source: DCMH Facebook, 2023

2022

Watch the Results Dissemination Forum for the 2022 Mexican Report Card on Physical Activity in Children and Teenagers.



Niños Activos y Saludables

<https://fb.watch/1oOFdMSdkP/>



DMCH

<https://fb.watch/1et6Z-vYv4/>

Find the transmisión also at:



BOLETA MEXICANA.ORG



NIÑOS ACTIVOS Y SALUDABLES



@BOLETAMEXICANA



DEPARTAMENTO DE CIENCIAS DEL MOVIMIENTO HUMANO

2022 MEXICAN REPORT CARD

On Physical Activity For Children and Adolescents



Dissemination forum

2018



Dr. Karla Galaviz

This edition was considered one of the three best of all

Acknowledgment

Publications

Journal of Physical Activity and Health, 2014, 11(Suppl 1), S74-S78
<http://dx.doi.org/10.1123/jpah.2014-0172>
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**JOURNAL OF
Physical Activity & Health**
Official Journal of ISPAH
www.JPAH-Journal.com
BRIEF REPORT

Results From Mexico's 2014 Report Card on Physical Activity for Children and Youth

María del Pilar Rodríguez Martínez, Karla I. Galaviz, Edna Jáuregui Ulloa, Inés González-Casanova, and Juan Ricardo López y Taylor

Background: The Mexican Report Card on Physical Activity in children and youth was first developed in 2012 as a tool aimed at informing policy and practice. The objective of this paper is to update the Report Card to reflect the current situation in Mexico. **Methods:** A literature search was conducted in Spanish and English using major databases, and complemented with government documents and national health surveys. Information on the 9 indicators outlined in the Global Matrix of Report Card Grades was extracted. Experts from Mexico and Canada met to discuss and assign a grade on each indicator. **Results:** The physical activity

Journal of Physical Activity and Health, 2018, 15(Suppl 2), S384-S385
<https://doi.org/10.1123/jpah.2018-0462>
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BRIEF REPORT

Results from Mexico's 2018 Report Card on Physical Activity for Children and Youth

Karla I. Galaviz, Gabriela Argumedo García, Alejandro Gaytán-González, Inés González-Casanova, Martín Francisco González Villalobos, Alejandra Jáuregui, Edna Jáuregui Ulloa, Catalina Medina, Yoali Selene Pacheco Miranda, Marcela Pérez Rodríguez, Eugen Resendiz, Ricardo Alejandro Retano Pelayo, María del Pilar Rodríguez Martínez, and Juan Ricardo López y Taylor

Introduction

Results and Discussion

Journal of Physical Activity and Health, 2016, 13 (Suppl 2), S206-S212
<http://dx.doi.org/10.1123/jpah.2016-0363>
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Human Kinetics
ORIGINAL RESEARCH

Results From Mexico's 2016 Report Card on Physical Activity for Children and Youth

Karla I. Galaviz, Mabel Aguilar Arroyo, Inés González-Casanova, Martín Francisco González Villalobos, Alejandra Jáuregui, Edna Jáuregui Ulloa, Selene Pacheco Miranda, Marcela Pérez Rodríguez, Ricardo Alejandro Retano Pelayo, and Juan Ricardo López-Taylor

Background: The 2016 Mexican Report Card on Physical Activity for Children and Youth aims to assess how Mexico is doing in terms of providing physical activity (PA) opportunities for Mexican children and youth. The purpose of this article is to summarize results from the Mexican 2016 Report Card. **Methods:** A literature search was conducted in Spanish and English languages using major databases, and complemented with a review of government/nongovernment documents, websites, and

Special report



Mexico's 2018 Report Card on Physical Activity for Children and Youth: Full report

Gabriela Argumedo,¹ Juan Ricardo López y Taylor,² Alejandro Gaytán-González,² Inés González-Casanova,³ Martín Francisco González Villalobos,² Alejandra Jáuregui,⁴ Edna Jáuregui Ulloa,² Catalina Medina,⁴ Yoali Selene Pacheco Miranda,⁵ Marcela Pérez Rodríguez,⁶ Eugen Resendiz,⁴ Ricardo Alejandro Retano Pelayo,² María del Pilar Rodríguez Martínez⁷ and Karla I. Galaviz³

Suggested citation Argumedo G, Taylor JRL, Gaytán-González A, González-Casanova I, Villalobos MFG, Jáuregui A, et al. Mexico's 2018 Report Card on Physical Activity for Children and Youth: Full report. *Rev Panam Salud Publica*. 2020;44:e26. <https://doi.org/10.26633/RPSP.2020.26>



Botswana

Global Matrix Initiative: Success stories

Global Matrix 3.0



Dr Malebogo Monnaatsie, PhD, Med.

Member of Active Healthy Kids Botswana

University of Botswana

Sports Science



Global Matrix 3.0



- Paucity of data
- Scored Active play: D-, Active transport: C, Sedentary behaviour: B-, School: C- and Government: C
- Incomplete overall PA, organized sport, Physical Fitness, and Family and Peers.

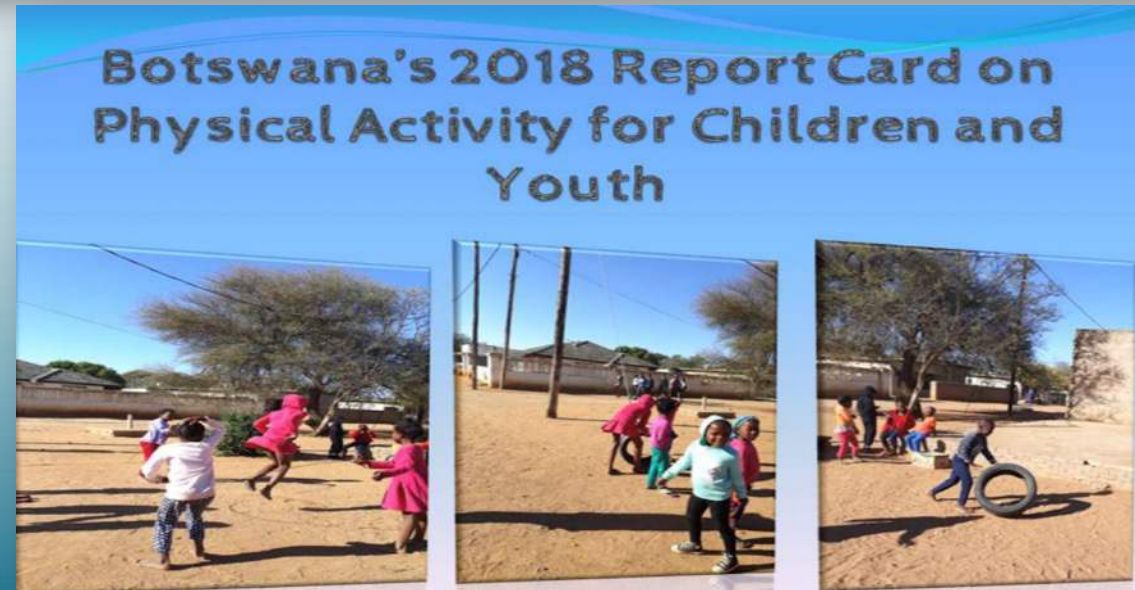
Global Matrix 3.0

Journal of Physical Activity and Health, 2018, 15(Suppl 2), S320-S322
<https://doi.org/10.1123/jpah.2018-0420>
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BRIEF REPORT

Results from Botswana's 2018 Report Card on Physical Activity for Children and Youth

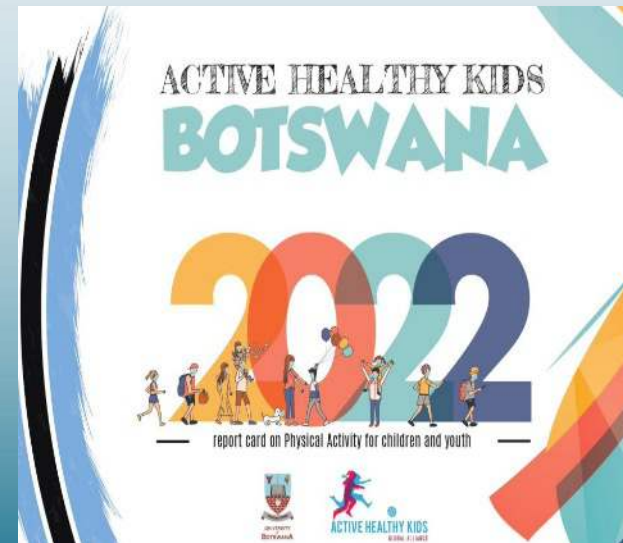
Dawn M. Tladi, Malebogo Monnaatsie, Sheila Shaibu, Gaonyadiwe Sinombe, Gaonyadiwe G. Mokone, Lesego Gabaitiri, Leapetswe Malete, and Hubona Omphile



Global Matrix 4.0



- Literature search
- Pilot data collection
- Scored all the indicators from the pilot data
- Incomplete indicators scored from Global Matrix 3.0
- Overall Physical Activity: D+
- Physical Fitness: C+
- Family and Peers: C-
- Organized Sport D+
- Active Play C-



Submitted grant for BWP 9million (\$600k) with the Ministry of Communications knowledge and Technology, March 2024

Lessons and Recommendations

- National Data collection
- Involve more stakeholders
- Share the findings nationally through media
- Advocate for PE for all
- Device based measures
- School-based Interventions
- National Physical Activity policy for children and youth

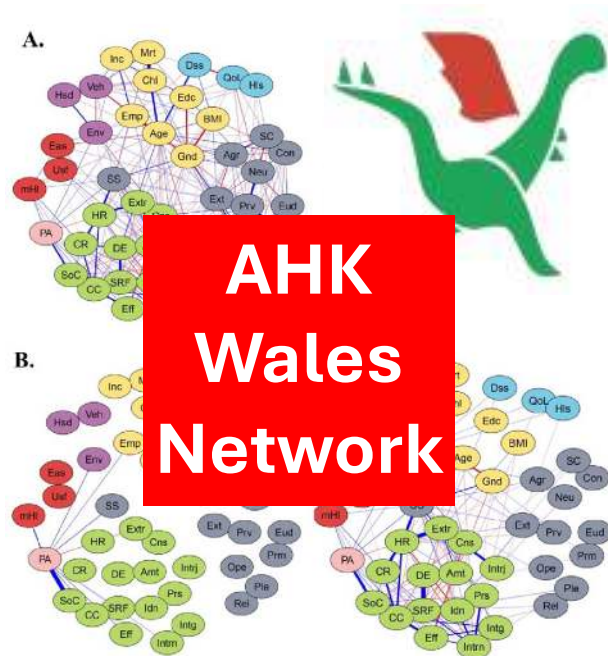




Wales

Wales's Report Card on Physical Activity in Children and Adolescents

ACTIVE HEALTHY KIDS WALES



Wales Senedd



Policy





New Zealand

**New Zealand's Report Card on Physical Activity in Children and
Adolescents**

Impact



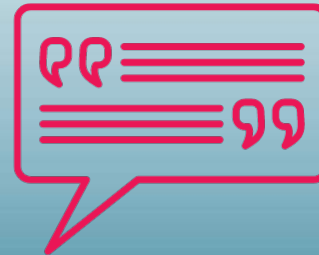
Trainees
>180



Presentations
>370



Publications
>230



Citations
>7000

Challenges

- Financing (country-level and organization-level)
- Communications (time zones, language, copyright)
- Data variability, comparability, and availability
- Indicators, benchmarks, and grading rubric
- Timeline constraints – countries left behind
- Country leadership determination
- Inclusion issues (early years, CWAD)
- Early and late releases
- Publication authorship
- COVID-19
- Country crises (conflicts, economic, political)



Wrap-up



Celebrating a decade of the Active Healthy Kids Global Alliance (AHKGA) Global Matrix Initiative

Physical activity indicators have been assessed internationally for children and adolescents using the AHKGA Report Card methodology since 2014. Country Report Cards are developed using a harmonized protocol and aggregated to create a Global Matrix of grades.

AHKGA harmonised Report Card development process

1. Register with AHKGA
2. Assemble a national team of experts
3. Screen for relevant data/information sources
4. Extract and analyze data from eligible sources
5. Grade the 10 common indicators using the harmonised benchmarks
6. Submit grades and rationales to AHKGA for audit
7. Design National Report Card & publish findings

10 common physical activity indicators

Five behavioural indicators

- Active Play
- Organised Sport & Physical Activity
- Active Transport
- Sedentary Behaviour
- Physical Fitness

Four sources-of-influence indicators

- Family & Peers
- School
- Government
- Community & Environment


Overall Physical Activity

One summative indicator of physical ability & health

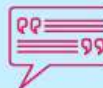
Global impact

AHKGA Report Cards & Global Matrices have been shown to be very effective and influential across multiple sectors for creating awareness; developing capacity; transferring interventions, policies, and practices; improving surveillance; and advocacy purposes.


Trainees
>180


Presentations
>370


Publications
>230


Citations
>7000

AHKGA Global Matrix expansion

Year	Global Matrix Version	Location	Participating countries	Experts from around the world
2014	Global Matrix 1.0	released in Toronto, Canada	15	147
2016	Global Matrix 2.0	released in Bangkok, Thailand	38	349
2018	Global Matrix 3.0	released in Adelaide, Australia	49	512
2022	Global Matrix 4.0	released in Abu Dhabi, United Arab Emirates	57	682

Partnerships

Partnership agreements with international groups have been established to synergize collaborative efforts to "power the movement to get kids moving" around the world.







The AHKGA has demonstrated qualitatively and quantitatively measurable impact, building a legacy of success. AHKGA's work does not stop there, the planning of the Global Matrix 5.0 is underway! To learn more, visit www.activehealthykids.org.

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 - Malaysia
 - The Phillipines
 - Viet Nam
 - and 2022 Fellow
- Journal of Sport and Health Science
 - 2026 Fellow



AHKGA Partners

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