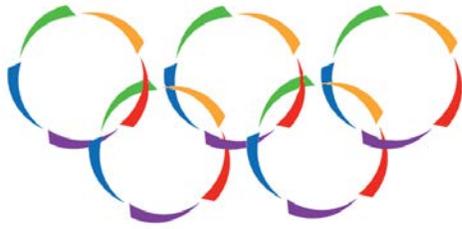


Draft, 18 April 2016



# IHWC Data Olympics

IHWC 2016 Technical Skills Day 🏆 25 October 2016 🏆 Washington, DC

Welcome to the 2016 IHWC Data Olympics!

On October 25, 2016 IHWC nations will compete to see who's out front using data to help with health workforce research and decision-making. Who's developed the most robust data sets? Who's coming up with the most innovative and sound methodologies, analytics and tools? Who's making the best use of data to inform health workforce decision making? After fair and good-spirited competition, Technical Skills Day participants will decide who stands in the winner's circle. You will decide who goes home with the gold!

During the 2016 Data Olympics champions will briefly present their country's best efforts in applying data to three health workforce challenges (see Data Challenges below for details). Each Data Challenge round will take about one hour, depending on the number of participating countries. Rounds will begin with brief 8-12 minute presentations where each country will tell how they're using data to address the Data Challenge topic. Spectators will have ample opportunity to "grill" the presenters and, at the end of each round, will decide a winner. At the end of the day one country will take home the gold!

**Data Challenge 1:** How are you modelling future health workforce supply, accounting for workforce and broader health system changes? Responses to this data challenge may reflect, for example, different expectations of the X, Y and Z generations, changing productivity, use of technology, interprofessional practice styles and/or specialty career choices.

**Data Challenge 2:** How is data being used to address health workforce issues in rural and underserved communities? Responses to the data challenge may take into account, for example, strategies and methodologies used to identify under-served areas, metrics related to recruitment and retention, the composition of urban/rural health workforces, and models to forecast future health workforce supply and need in underserved areas.

**Data Challenge 3:** How is data being used to evaluate the return on investment in health professional education? Responses to the data challenge may take into account, for example, the quality and use of evidence associated with educational program admissions, the variable success of educational models in fostering a health workforce that serves under-served populations, comparative analyses of the costs and benefits associated with education investments in a variety of health provider groups, student debt and its impact on health provider career choices.

For IHWC Global Planning Committee discussion, 21 April 2016

## Draft, 18 April 2016

Responses to each Data Challenge will be measured against several factors. While it is not necessary for countries to have performed the work described in the Data Challenge, proposed solutions will be considered with respect to their feasibility and practicality. Data Challenge responses should clearly identify the strengths and limitations of data sources. Methodologies will be weighed in terms of their appropriateness, rigor and innovativeness. Data Challenge responses should focus on the health workforce and output measures should establish a link between health workers and population needs. Finally, strong Data Challenge responses will demonstrate how decision-makers can or do use data to inform their decisions.

### Data Olympics Program Outline

- Welcome – Let the games begin!
- Data Challenge Rounds 1, 2 and 3
  - Country presentations
  - Q&A
  - Judges scores
- Synthesis – participant reflections on key learnings, take home messages, etc
- Awards ceremony
- Adjourn