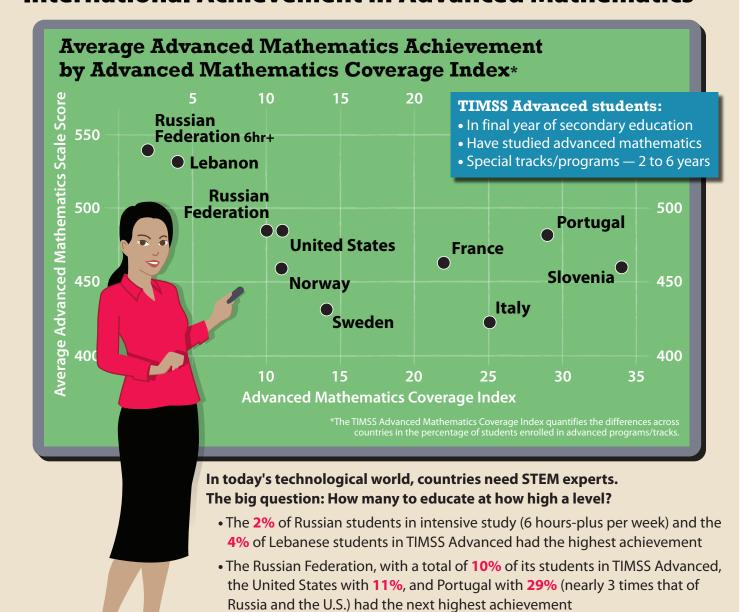
International Achievement in Advanced Mathematics



TIMSS Advanced 2015 Reveals Disappointing Trends in Mathematics Achievement

Of the 6 countries with 20year trend data, France, Italy, and Sweden had lower average achievement in 2015 than in 1995.

The Russian
Federation 6hr+,
Slovenia, and
the United
States had
no significant
difference.

As a bright spot, Norway and Sweden had upturns between 2008 and 2015.

Attracting Women to STEM Education Remains a Challenge

More Males enrolled More **Males** than **Females** were enrolled in Advanced Mathematics programs in **6** countries.

Countries

France, Sweden, Norway, Italy, Lebanon, the United States Countries
Slovenia,
Portugal

• Norway (11%), France (22%), and Slovenia (34%) had comparable achievement

• Sweden (14%) and Italy (25%) had comparable achievement

More Females enrolled

Males higher achievement Males had higher achievement than Females in 6 countries.

Countries
Russian Federation,
Norway, Sweden, France,
Slovenia, the United States



Females higher achievement

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS Advanced 2015. http://timss2015.org/advanced/download-center/

