

Geographical concentration of USA IMO teams

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Participation in the International Mathematics Olympiad (IMO) as a high school student is a good predictor of future accomplishments in mathematics. In the USA a few schools have produced multiple (unrelated) IMO team members, so these talented mathematicians are highly concentrated geographically. We show how to quantify the concentration and, despite some qualitative indications to the contrary, find no evidence that it has diminished over the last half century.