Since 2006, FINA organizes World Swimming Championships to allow young swimmers to develop through elite level competition. Every two years, about 500 swimmers aged between 14 and 18 years old (girls between 14-17, boys between 15-18) gather together to test their skills among an up-and-coming field.

Rio de Janeiro (BRA) in 2006, Monterrey (MEX) in 2008, Lima (PER) in 2011, Dubai (UAE) in 2013, Singapore (SGP) in 2015 and Indianapolis (USA) in 2017 hosted successful editions of this major event. In 2019, the international rendezvous will take place in Budapest (HUN) as host of the seventh edition of the FINA World Junior Swimming Championships.