

PIRLS 2011 Stratification Variables for PIRLS 2011

Country	Explicit stratification variables	Number of explicit strata	Implicit stratification variables
Australia	States / Territories (8)	8	Geographic Location (3); SEIFA (10); School Type (3)
Austria	Regions (Bundesland) (9)	9	Districts (121)
Azerbaijan, Republic of	National Eximation Score (4)	4	Geographic sub index (5); school type if score missing, NGE grouping otherwise (12)
Belgium (French)	School type (3)	3	Regions (6)
Botswana	Inspectoral Regions (6)	6	Performance level (4)
Bulgaria	School Type (3)	3	Location (3); Regions (28)
Canada	Provinces (10) English / French (2) Schoolboard within Nova Scotia (8) Grade 4 only / Grade 4 & 8 schools (2) School Size within Alberta (2)	27	Independent/ public (2); Programs (3); Regions (5); Ontario Regions (6); Ontario school type (4); Immersion / No (2); All Natives / No (2)
Chinese Taipei	Region (5)	5	None
Colombia	School MOS known or not (2) Urban / rural (2) Private / public (2)	8	States or Performance Level (42)
Croatia	School type (3)	3	Regions or Areas (21)
Czech Republic	Extended education status (2)	2	Regions (14)
Denmark	Public / private (2)	2	None
England	Grade 4 only / Grade 4 & 8 schools (2)	2	Attainment (6); School type (4)
Finland	Major Regions (5) Urban, semi-urban / rural (2)	10	None
France	School size (2)	2	School type (3)
Georgia	Regions (12) Grade 4 only / Grade 4 & 8 schools (2)	13	State / private (2); Highlands / towns / villages (3)
Germany	Federal States (16)		Regional subdivisions (30), School type (3)
Honduras, Republic of	Grade 4 only / Grade 4 & 8 schools (2) Public / private (2) Urban / rural (2)	6	School type (4); Geographic areas (18); Urban / private (2)
Hong Kong, SAR	School type (5) Sessions (am / pm / day) (3)	6	School gender (3)
Hungary	Type of community (4) Grade 4 only / Grade 4 & 8 schools (2)	8	Geographical regions (7)

Indonesia	General / islamic (2) Public / private (2)	4	School performance (3); Provinces (31)
Iran, Islamic Rep. Of	None	1	Provinces (31); Public / private (2); School gender (3)
Ireland	School Size (4)	4	School-level SES (4); Language of instruction (3); School gender (3)
Israel	Grade 4 only / Grade 4 & 8 schools (2) School orientation (5)	10	Socio-Economic Status (SES) (3); School gender (3); Geographical regions (2)
Italy	Geographic areas (7) Grade 4 only / Grade 4 & 8 schools (2)	14	Public/ private (2); Regions or provinces (104)
Kuwait	Regions (6)	6	Boys / girls (2)
Lithuania	Grade 4 only / Grade 4 & 8 schools (2) School location (4)	8	School type (7)
Malta	None	1	Malta / Gozo (2); School type (3)
Morocco	Public / private (2) Superior region (10)	11	Urban / rural (2); School type (10)
Netherlands	SES Level (5)	5	Urbanization (5); School Size (2)
New Zealand	Language of instruction (3) Grade 4 only / Grade 4 & 8 schools (2) School size (3)	8	SES indicator (5); School gender (3); Major urban / others (2)
Northern Ireland	Regions (5)	5	Deprivation Level (5)
Norway	Bokmål / Nynorsk, other (2) Grade 4 only / Grade 4 & 8 schools (2)	4	Community sizes (4)
Oman	Grade 4 only / Grade 4 & 8 schools (2) Regions (11) School type (4)	27	Urban / rural (2); School gender (3)
Poland	Urbanization (4)	4	Districts (voivodship) (16)
Portugal	Public / private (2)	2	Regions (12)
Qatar	Grade 4 only / Grade 4 & 8 schools (2)	2	School gender (3); School type (3)
Romania	Grade 4 only / Grade 4 & 8 schools (2) School performance (4)	6	Urban, rural (2); School performance (4); Geographical location (6)
Russian Federation	Very large regions (16)	16	Urbanization within selected regions (9)
Saudi Arabia	School Type (3) Boys / girls (2)	5	School Location (5); Public / private (2); School gender (2)
Singapore	Grade 4 only / Grade 4 & 8 schools (2)	2	None
Slovak Republic	Regions (8) Slovak / Hungarian (2)	13	Public / church or private (2)
Slovenia	Regions (12) Geographical areas (4) Grade 4 only / Grade 4 & 8 schools (2)	16	Language achievement category (9); Mathematics achievement category (8); Regions (12)
Spain	Autonomous Communities (18)	18	Public / private (2)
Sweden	Immigrant status (4) New schools (1)	5	Grade 4 only / Grade 4 & 8 schools (2); Grade point average (7)
Trinidad & Tobago	Educational districts (8)	8	School Index (4); School type (3)
United Arab Emirates	Educational Zones (9) Grade 4 only / Grade 4 & 8 schools (2)	18	School Type (3); Curricula (24) ; School gender (3) ; Test Language (3)

United States	High / low poverty index (2) Public / private (2) Census regions (4)	12	Location (4); Ethnic status (2)
Alberta, Canada	Grade 4 only / Grade 4 & 8 schools (2) School Size (2)	4	Funding (3); Immersion school status (2)
Ontario, Canada	Grade 4 only / Grade 4 & 8 schools (2) English / French (2)	4	Geographical regions (6); Type of school (4)
Quebec, Canada	Grade 4 only / Grade 4 & 8 schools (2) English / French (2)	4	Public / private (2); All non native / No (2)
Eng/Afr (5) - RSA	Grade 4 only / Grade 4 & 8 schools (2) Language of instruction (3)	4	School type (3); Provinces (9)
Andalusia	None	1	Public / private (2)
Abu Dhabi	Grade 4 only / Grade 4 & 8 schools (2) Educational zones (3)	6	Private / public (2); Curricula (24) ; School gender (3) ; Test Language (3)
Dubai	Grade 4 only / Grade 4 & 8 schools (2)	2	Curricula (14) ; Test Language (3)
Florida	High / low poverty index (2)	2	Location (4); Ethnicity status (2)