

| Var. Question No. | Variable Name | Variable Label      | Code                        | Option                                                                                                                                                     | Location/Format |
|-------------------|---------------|---------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 1 COUNTRY         | IDCNTRY       | COUNTRY ID          | VALUE<br>99999<br>99998     | IDCNTRY ID<br>omitted<br>not admin.<br>VLD: (IDCNTRY>=0.AND.IDCNTRY<=99996).OR.IDCNTRY=99999.0<br>R.IDCNTRY=99998<br>Flags: SCR: 1 / CAR:T / CAT:ID / DEF: | 1- 5/N 5.0      |
| COMMENT:          |               |                     |                             |                                                                                                                                                            |                 |
| 2 POP             | IDPOP         | POPULATION ID       | 9<br>8                      | omitted<br>not admin.<br>VLD: .T.<br>Flags: SCR: 2 / CAR:T / CAT:ID / DEF: 3                                                                               | 6 /C 1.0        |
| COMMENT:          |               |                     |                             |                                                                                                                                                            |                 |
| 3 SCHOOL          | IDSCHOOL      | SCHOOL ID           | VALUE<br>999999<br>999998   | IDSCHOOL ID<br>omitted<br>not admin.<br>VLD: .T.<br>Flags: SCR: 3 / CAR:T / CAT:ID / DEF:                                                                  | 7- 12/N 6.0     |
| COMMENT:          |               |                     |                             |                                                                                                                                                            |                 |
| 4 CLASS           | IDCLASS       | CLASS ID            | VALUE<br>9999999<br>9999999 | IDCLASS ID<br>omitted<br>not admin.<br>VLD: .T.<br>Flags: SCR: 4 / CAR:T / CAT:ID / DEF:                                                                   | 13- 20/N 8.0    |
| COMMENT:          |               |                     |                             |                                                                                                                                                            |                 |
| 5 STUD            | IDSTUD        | STUDENT ID          | VALUE<br>9999999<br>9999999 | IDSTUD ID<br>omitted<br>not admin.<br>VLD: .T.<br>Flags: SCR: 5 / CAR:F / CAT:ID / DEF:                                                                    | 21- 30/N 10.0   |
| COMMENT:          |               |                     |                             |                                                                                                                                                            |                 |
| 6 TEACHER         | IDTEACH       | TEACHER ID          | VALUE<br>9999999<br>9999999 | IDTEACH ID<br>omitted<br>not admin.<br>VLD: .T.<br>Flags: SCR: 6 / CAR:F / CAT:ID / DEF:                                                                   | 31- 38/N 8.0    |
| COMMENT:          |               |                     |                             |                                                                                                                                                            |                 |
| 7 LINK_NO         | IDLINK        | TEACHER LINK NUMBER | VALUE<br>99<br>98           | IDLINK ID<br>omitted<br>not admin.<br>VLD: .T.<br>Flags: SCR: 7 / CAR:F / CAT:ID / DEF:                                                                    | 39- 40/N 2.0    |
| COMMENT:          |               |                     |                             |                                                                                                                                                            |                 |

| Var. Question No. | Variable Name | Variable Label                              | Code                  | Option                                                                                                                                                                             | Location/Format |
|-------------------|---------------|---------------------------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 8                 | GRADE         | IDGRADER STANDARDIZED GRADE ID              | 1<br>2<br>9<br>8      | LOWER GRADE<br>UPPER GRADE<br>omitted<br>not admin.<br>VLD: IDGRADER\$'1#2#9#8'<br>Flags: SCR: 8 / CAR:F / CAT:ID / DEF:<br>COMMENT: recoding of IDGRADE to international standard | 41 /C 1.0       |
| 9                 | COURSE        | ITCOURSE NAME OF COURSE                     | 1<br>2<br>3<br>4<br>5 | MATH<br>PHYSICS<br><COUNTRY SPECIFIC><br><COUNTRY SPECIFIC><br><COUNTRY SPECIFIC><br>VLD: ITCOURSE\$'1#2#3#4#5'<br>Flags: SCR: 9 / CAR:F / CAT:IT / DEF:<br>COMMENT:               | 42- 43/C 2.0    |
| 10                | LINK          | NMTEACH NUMBER OF MATH TEACHERS FOR STUDENT | VALUE<br>9<br>8       | NMTEACH PROC<br>omitted<br>not admin.<br>VLD: .T.<br>Flags: SCR: 10 / CAR:F / CAT:PROC / DEF:<br>COMMENT:                                                                          | 44 /N 1.0       |
| 11                | JACKKNIFE     | JKREP JACKKNIFE REPLICATE CODE              | VALUE<br>9<br>8       | JKREP JCKF<br>omitted<br>not admin.<br>VLD: .T.<br>Flags: SCR: 11 / CAR:F / CAT:JCKF / DEF:<br>COMMENT:                                                                            | 45 /N 1.0       |
| 12                | JACKKNIFE     | JKZONE JACKKNIFE ZONE                       | VALUE<br>99<br>98     | JKZONE JCKF<br>omitted<br>not admin.<br>VLD: .T.<br>Flags: SCR: 12 / CAR:F / CAT:JCKF / DEF:<br>COMMENT:                                                                           | 46- 47/N 2.0    |
| 13                | IDSTRATE      | IDSTRATE EXPLICIT STRATUM CODE              | VALUE<br>999<br>998   | IDSTRATE STRA<br>omitted<br>not admin.<br>VLD: .T.<br>Flags: SCR: 13 / CAR:F / CAT:STRA / DEF:<br>COMMENT:                                                                         | 48- 50/N 3.0    |

| Var. Question No. | Variable Name | Variable Label                             | Code                      | Option                                                                                         | Location/Format |
|-------------------|---------------|--------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------|-----------------|
| 14                | IDSTRATI      | IMPLICIT STRATUM CODE                      | VALUE<br>999<br>998       | IDSTRATI STRA<br>omitted<br>not admin.<br>VLD: .T.<br>Flags: SCR: 14 / CAR:F / CAT:STRA / DEF: | 51- 53/N 3.0    |
| COMMENT:          |               |                                            |                           |                                                                                                |                 |
| 15                | WEIGHT        | MATWGT WEIGHT FOR MATHEMATICS TEACHER DATA | VALUE<br>999999<br>999998 | MATWGT SWGT<br>omitted<br>not admin.<br>VLD: .T.<br>Flags: SCR: 15 / CAR:F / CAT:SWGT / DEF:   | 54- 66/N 13.6   |
| COMMENT:          |               |                                            |                           |                                                                                                |                 |
| 16                | WEIGHT        | TOTWGT TOTAL STUDENT WEIGHT                | VALUE<br>999999<br>999998 | TOTWGT SWGT<br>omitted<br>not admin.<br>VLD: .T.<br>Flags: SCR: 16 / CAR:F / CAT:SWGT / DEF:   | 67- 79/N 13.6   |
| COMMENT:          |               |                                            |                           |                                                                                                |                 |
| 17                | SCORE         | MSMMAT01 ADVANCED MATHEMATICS PV1          | VALUE<br>999<br>998       | MSMMAT01 ISCR<br>omitted<br>not admin.<br>VLD: .T.<br>Flags: SCR: 17 / CAR:F / CAT:ISCR / DEF: | 80- 85/N 6.2    |
| COMMENT:          |               |                                            |                           |                                                                                                |                 |
| 18                | SCORE         | MSMMAT02 ADVANCED MATHEMATICS PV2          | VALUE<br>999<br>998       | MSMMAT02 ISCR<br>omitted<br>not admin.<br>VLD: .T.<br>Flags: SCR: 18 / CAR:F / CAT:ISCR / DEF: | 86- 91/N 6.2    |
| COMMENT:          |               |                                            |                           |                                                                                                |                 |
| 19                | SCORE         | MSMMAT03 ADVANCED MATHEMATICS PV3          | VALUE<br>999<br>998       | MSMMAT03 ISCR<br>omitted<br>not admin.<br>VLD: .T.<br>Flags: SCR: 19 / CAR:F / CAT:ISCR / DEF: | 92- 97/N 6.2    |
| COMMENT:          |               |                                            |                           |                                                                                                |                 |
| 20                | SCORE         | MSMMAT04 ADVANCED MATHEMATICS PV4          | VALUE<br>999<br>998       | MSMMAT04 ISCR<br>omitted<br>not admin.<br>VLD: .T.<br>Flags: SCR: 20 / CAR:F / CAT:ISCR / DEF: | 98- 103/N 6.2   |
| COMMENT:          |               |                                            |                           |                                                                                                |                 |

| Var. Question No. | Variable Name | Variable Label                        | Code     | Option                                   | Location/Format |
|-------------------|---------------|---------------------------------------|----------|------------------------------------------|-----------------|
| 21 SCORE          | MSMMAT05      | ADVANCED MATHEMATICS PV5              | VALUE    | MSMMAT05 ISCR                            | 104- 109/N 6.2  |
|                   |               |                                       | 999      | omitted                                  |                 |
|                   |               |                                       | 998      | not admin.                               |                 |
|                   |               |                                       |          | VLD: .T.                                 |                 |
|                   |               |                                       |          | Flags: SCR: 21 / CAR:F / CAT:ISCR / DEF: |                 |
|                   |               |                                       | COMMENT: |                                          |                 |
| 22 BENCHMARK      | MSMIBM01      | MATH INTL BNCHMRK REACHED WITH 1ST PV | 1        | BELOW 475                                | 110 /C 1.0      |
|                   |               |                                       | 2        | AT OR ABOVE 475 BUT BELOW 550            |                 |
|                   |               |                                       | 3        | AT OR ABOVE 550 BUT BELOW 625            |                 |
|                   |               |                                       | 4        | AT OR ABOVE 625                          |                 |
|                   |               |                                       | 9        | omitted                                  |                 |
|                   |               |                                       | 8        | not admin.                               |                 |
|                   |               |                                       |          | VLD: MSMIBM01\$'1#2#3#4#9#8'             |                 |
|                   |               |                                       |          | Flags: SCR: 22 / CAR:F / CAT:D / DEF:    |                 |
|                   |               |                                       | COMMENT: |                                          |                 |
| 23 BENCHMARK      | MSMIBM02      | MATH INTL BNCHMRK REACHED WITH 2ND PV | 1        | BELOW 475                                | 111 /C 1.0      |
|                   |               |                                       | 2        | AT OR ABOVE 475 BUT BELOW 550            |                 |
|                   |               |                                       | 3        | AT OR ABOVE 550 BUT BELOW 625            |                 |
|                   |               |                                       | 4        | AT OR ABOVE 625                          |                 |
|                   |               |                                       | 9        | omitted                                  |                 |
|                   |               |                                       | 8        | not admin.                               |                 |
|                   |               |                                       |          | VLD: MSMIBM02\$'1#2#3#4#9#8'             |                 |
|                   |               |                                       |          | Flags: SCR: 23 / CAR:F / CAT:D / DEF:    |                 |
|                   |               |                                       | COMMENT: |                                          |                 |
| 24 BENCHMARK      | MSMIBM03      | MATH INTL BNCHMRK REACHED WITH 3RD PV | 1        | BELOW 475                                | 112 /C 1.0      |
|                   |               |                                       | 2        | AT OR ABOVE 475 BUT BELOW 550            |                 |
|                   |               |                                       | 3        | AT OR ABOVE 550 BUT BELOW 625            |                 |
|                   |               |                                       | 4        | AT OR ABOVE 625                          |                 |
|                   |               |                                       | 9        | omitted                                  |                 |
|                   |               |                                       | 8        | not admin.                               |                 |
|                   |               |                                       |          | VLD: MSMIBM03\$'1#2#3#4#9#8'             |                 |
|                   |               |                                       |          | Flags: SCR: 24 / CAR:F / CAT:D / DEF:    |                 |
|                   |               |                                       | COMMENT: |                                          |                 |
| 25 BENCHMARK      | MSMIBM04      | MATH INTL BNCHMRK REACHED WITH 4TH PV | 1        | BELOW 475                                | 113 /C 1.0      |
|                   |               |                                       | 2        | AT OR ABOVE 475 BUT BELOW 550            |                 |
|                   |               |                                       | 3        | AT OR ABOVE 550 BUT BELOW 625            |                 |
|                   |               |                                       | 4        | AT OR ABOVE 625                          |                 |
|                   |               |                                       | 9        | omitted                                  |                 |
|                   |               |                                       | 8        | not admin.                               |                 |
|                   |               |                                       |          | VLD: MSMIBM04\$'1#2#3#4#9#8'             |                 |
|                   |               |                                       |          | Flags: SCR: 25 / CAR:F / CAT:D / DEF:    |                 |
|                   |               |                                       | COMMENT: |                                          |                 |

| Var. Question No. | Variable Name | Variable Label                        | Code     | Option                               | Location/Format |
|-------------------|---------------|---------------------------------------|----------|--------------------------------------|-----------------|
| 26 BENCHMARK      | MSMIBM05      | MATH INTL BNCHMRK REACHED WITH 5TH PV | 1        | BELOW 475                            | 114 /C 1.0      |
|                   |               |                                       | 2        | AT OR ABOVE 475 BUT BELOW 550        |                 |
|                   |               |                                       | 3        | AT OR ABOVE 550 BUT BELOW 625        |                 |
|                   |               |                                       | 4        | AT OR ABOVE 625                      |                 |
|                   |               |                                       | 9        | omitted                              |                 |
|                   |               |                                       | 8        | not admin.                           |                 |
|                   |               |                                       |          | VLD: MSMIBM05\$'1#2#3#4#9#8'         |                 |
|                   |               |                                       |          | Flags: SCR: 26 / CAR:F / CAT:D       | / DEF:          |
|                   |               |                                       | COMMENT: |                                      |                 |
| 27 GRADE          | IDGRADE       | GRADE ID                              | 10       | GRADE 10                             | 115- 116/C 2.0  |
|                   |               |                                       | 11       | GRADE 11                             |                 |
|                   |               |                                       | 12       | GRADE 12                             |                 |
|                   |               |                                       | 13       | GRADE 13                             |                 |
|                   |               |                                       | 14       | GRADE 14                             |                 |
|                   |               |                                       | 99       | omitted                              |                 |
|                   |               |                                       | 98       | not admin.                           |                 |
|                   |               |                                       |          | VLD: IDGRADE\$'10#11#12#13#14#99#98' |                 |
|                   |               |                                       |          | Flags: SCR: 27 / CAR:T / CAT:ID      | / DEF:          |
|                   |               |                                       | COMMENT: |                                      |                 |
| 28 DATE           | DPCDATE       | FILE CREATION DATE AT DPC HAMBURG     | VALUE    | DPCDATE PROC                         | 117- 124/N 8.0  |
|                   |               |                                       | 9999999  | omitted                              |                 |
|                   |               |                                       | 9999999  | not admin.                           |                 |
|                   |               |                                       |          | VLD: .T.                             |                 |
|                   |               |                                       |          | Flags: SCR: 28 / CAR:F / CAT:PROC    | / DEF:          |
|                   |               |                                       | COMMENT: |                                      |                 |