

THE INTERNATIONAL MATHEMATICAL TOURNAMENT OF TOWNS

| Town         | Location<br>(region and/or country) | Population<br>/1000 | Number of<br>participants | NoP<br>Fall | NoP<br>Spring | Diplomas | Max   | NoP for calc.<br>real (norm) | Average | Coeff. | Rating | Rank |
|--------------|-------------------------------------|---------------------|---------------------------|-------------|---------------|----------|-------|------------------------------|---------|--------|--------|------|
| Almaty       | Kazakhstan                          | 1485                | 38                        | 18          | 22            | 37       | 23,75 | 14 (14)                      | 19,21   | 1      | 19,21  | 29   |
| Anyang       | Rep. of Korea                       | 609                 | 6                         | 3           | 4             | 6        | 20    | 6 (6)                        | 16,25   | 1      | 16,25  | 42   |
| Apatity      | Murmansk reg.                       | 80                  | 19                        | 7           | 15            | 4        | 17,5  | 5 (5)                        | 13,67   | 1,52   | 20,77  | 20   |
| Apsheronsk   | Krasnodar terr.                     | 47                  | 6                         | 6           | 0             | 0        | 1,25  | 5 (5)                        | 0,25    | 1,57   | 0,39   | 96   |
| Arkhangelsk  | Arkhangelsk reg.                    | 350                 | 10                        | 10          | 0             | 0        | 1,25  | 5 (5)                        | 0,5     | 1,19   | 0,59   | 95   |
| Astana       | Kazakhstan                          | 828                 | 34                        | 21          | 23            | 23       | 22    | 8 (8)                        | 18,72   | 1      | 18,72  | 33   |
| Bataysk      | Rostov reg.                         | 120                 | 3                         | 0           | 3             | 3        | 17,33 | 3 (5)                        | 15,22   | 1,48   | 22,53  | -    |
| Belgorod     | Belgorod reg.                       | 384                 | 19                        | 18          | 7             | 6        | 25,33 | 5 (5)                        | 20,87   | 1,15   | 24     | 12   |
| Belgrade     | Serbia                              | 1232                | 22                        | 20          | 6             | 15       | 26,25 | 12 (12)                      | 20,04   | 1      | 20,04  | 24   |
| Bendery      | Transnistria                        | 92                  | 34                        | 18          | 16            | 1        | 14    | 5 (5)                        | 9,5     | 1,51   | 14,35  | 61   |
| Bogota       | Columbia                            | 7300                | 24                        | 0           | 24            | 2        | 13    | 24 (73)                      | 4,06    | 1      | 4,06   | 91   |
| Boroujen     | Iran                                | 49                  | 4                         | 0           | 4             | 3        | 15    | 4 (5)                        | 13      | 1,56   | 20,28  | -    |
| Bremen       | Germany                             | 544                 | 7                         | 7           | 5             | 4        | 21    | 5 (5)                        | 14,75   | 1      | 14,75  | 56   |
| Brisbane     | Australia                           | 1041                | 7                         | 0           | 7             | 6        | 20    | 7 (10)                       | 15,88   | 1      | 15,88  | 48   |
| Buenos Aires | Argentina                           | 2890                | 47                        | 31          | 32            | 15       | 24    | 28 (28)                      | 13,02   | 1      | 13,02  | 68   |
| Busan        | Rep. of Korea                       | 3525                | 16                        | 11          | 7             | 8        | 28,75 | 16 (35)                      | 12,63   | 1      | 12,63  | 70   |
| Canberra     | Australia                           | 356                 | 30                        | 13          | 23            | 15       | 26    | 5 (5)                        | 20,03   | 1,18   | 23,64  | 13   |
| Changwon     | Rep. of Korea                       | 1089                | 12                        | 4           | 10            | 8        | 23,75 | 10 (10)                      | 16,07   | 1      | 16,07  | 45   |
| Charlotte    | North Carolina<br>(USA)             | 792                 | 2                         | 2           | 0             | 0        | 3,75  | 2 (7)                        | 3,13    | 1      | 3,13   | -    |
| Chelyabinsk  | Chelyabinsk reg.                    | 1182                | 9                         | 9           | 0             | 9        | 25,33 | 9 (11)                       | 20,59   | 1      | 20,59  | 21   |
| Cheongju     | Rep. of Korea                       | 838                 | 5                         | 5           | 0             | 2        | 13,75 | 5 (8)                        | 9,28    | 1      | 9,28   | 81   |
| Chernivtsi   | Ukraine                             | 262                 | 7                         | 0           | 7             | 2        | 17,33 | 5 (5)                        | 9,87    | 1,3    | 12,83  | 69   |
| Chita        | Chita reg.                          | 335                 | 23                        | 22          | 15            | 3        | 14    | 5 (5)                        | 12,33   | 1,21   | 14,92  | 55   |
| Daegu        | Rep. of Korea                       | 2492                | 11                        | 7           | 5             | 7        | 26    | 11 (24)                      | 15,93   | 1      | 15,93  | 47   |
| Daejeon      | Rep. of Korea                       | 1535                | 24                        | 10          | 16            | 24       | 25    | 15 (15)                      | 19,55   | 1      | 19,55  | 27   |
| Dolgoprudny  | Moscow reg.                         | 94                  | 39                        | 20          | 31            | 34       | 33    | 5 (5)                        | 25,05   | 1,51   | 37,83  | 1    |
| Faridabad    | India                               | 500                 | 10                        | 0           | 10            | 5        | 21    | 5 (5)                        | 17,72   | 1      | 17,72  | 37   |
| Glazov       | Udmurtia                            | 100                 | 4                         | 4           | 0             | 1        | 13    | 4 (5)                        | 10,75   | 1,5    | 16,13  | -    |
| Goyang       | Rep. of Korea                       | 1073                | 10                        | 2           | 8             | 3        | 31,25 | 10 (10)                      | 11,38   | 1      | 11,38  | 76   |
| Graz         | Styria (Austria)                    | 276                 | 7                         | 5           | 7             | 7        | 18,67 | 5 (5)                        | 15,38   | 1,28   | 19,69  | 26   |
| Gwangju      | Rep. of Korea                       | 1477                | 16                        | 13          | 4             | 11       | 28,75 | 14 (14)                      | 18,1    | 1      | 18,1   | 35   |
| Gwangmyeong  | Rep. of Korea                       | 341                 | 8                         | 6           | 3             | 8        | 26    | 5 (5)                        | 18,62   | 1,2    | 22,34  | 14   |
| Hamburg      | Germany                             | 1718                | 24                        | 14          | 23            | 16       | 20    | 17 (17)                      | 16,11   | 1      | 16,11  | 43   |

## THE INTERNATIONAL MATHEMATICAL TOURNAMENT OF TOWNS

| Town                        | Location<br>(region and/or country) | Population<br>/1000 | Number of<br>participants | NoP<br>Fall | NoP<br>Spring | Diplomas | Max   | NoP for calc.<br>real (norm) | Average | Coeff. | Rating | Rank |
|-----------------------------|-------------------------------------|---------------------|---------------------------|-------------|---------------|----------|-------|------------------------------|---------|--------|--------|------|
| Incheon                     | Rep. of Korea                       | 2899                | 12                        | 9           | 4             | 6        | 26,25 | 12 (28)                      | 13,02   | 1      | 13,02  | 67   |
| Irkutsk                     | Irkutsk reg.                        | 600                 | 1                         | 1           | 0             | 0        | 5     | 1 (6)                        | 5       | 1      | 5      | -    |
| Irvine                      | California (USA)                    | 223                 | 7                         | 6           | 3             | 4        | 22    | 5 (5)                        | 15,95   | 1,35   | 21,53  | 17   |
| Isfahan                     | Iran                                | 1583                | 20                        | 0           | 20            | 9        | 22,5  | 15 (15)                      | 13,16   | 1      | 13,16  | 66   |
| Jeju                        | Rep. of Korea                       | 435                 | 14                        | 12          | 6             | 13       | 26    | 5 (5)                        | 22,62   | 1,08   | 24,43  | 10   |
| Jeonju                      | Rep. of Korea                       | 654                 | 7                         | 3           | 5             | 2        | 16    | 6 (6)                        | 10,28   | 1      | 10,28  | 79   |
| Kachkanar                   | Sverdlovsk reg.                     | 50                  | 82                        | 82          | 0             | 0        | 4     | 5 (5)                        | 1,33    | 1,56   | 2,08   | 93   |
| Kalashnikovo                | Tver reg.                           | 7                   | 1                         | 0           | 1             | 1        | 19    | 0 (5)                        | 19      | 1,62   | 30,78  | -    |
| Kaliningrad                 | Kaliningrad reg.                    | 448                 | 13                        | 11          | 5             | 3        | 19,5  | 5 (5)                        | 12,7    | 1,06   | 13,46  | 65   |
| Kaunas                      | Lithuania                           | 308                 | 1                         | 1           | 1             | 1        | 16    | 1 (5)                        | 16      | 1,24   | 19,84  | -    |
| Kazan                       | Tatarstan                           | 1176                | 6                         | 0           | 6             | 5        | 19,5  | 6 (11)                       | 14,67   | 1      | 14,67  | 58   |
| Kerman                      | Iran                                | 573                 | 8                         | 0           | 8             | 5        | 17,33 | 5 (5)                        | 14,2    | 1      | 14,2   | 62   |
| Khanty-Mansiysk             | Khanty-Mansi AO                     | 90                  | 7                         | 6           | 3             | 2        | 17,5  | 5 (5)                        | 7       | 1,51   | 10,57  | 78   |
| Kharkiv                     | Ukraine                             | 1449                | 10                        | 4           | 8             | 7        | 17,33 | 10 (14)                      | 12,28   | 1      | 12,28  | 71   |
| Kiev                        | Ukraine                             | 2849                | 17                        | 13          | 7             | 12       | 25,5  | 17 (28)                      | 14,42   | 1      | 14,42  | 60   |
| Kirov                       | Kirov reg.                          | 483                 | 49                        | 31          | 45            | 46       | 26    | 5 (5)                        | 25,17   | 1,02   | 25,67  | 8    |
| Kragujevac                  | Serbia                              | 200                 | 14                        | 12          | 5             | 1        | 12    | 5 (5)                        | 7,3     | 1,38   | 10,07  | 80   |
| Krasnodar<br>territory (BC) | Krasnodar terr.                     | 1750                | 53                        | 14          | 52            | 50       | 26    | 17 (17)                      | 20,56   | 1      | 20,56  | 22   |
| Krasnoyarsk                 | Krasnoyarsk<br>terr.                | 1000                | 20                        | 20          | 0             | 0        | 4     | 10 (10)                      | 1,15    | 1      | 1,15   | 94   |
| Kropotkin                   | Krasnodar terr.                     | 80                  | 4                         | 4           | 3             | 1        | 13,33 | 4 (5)                        | 8,13    | 1,52   | 12,35  | -    |
| Kuala Lumpur                | Malaysia                            | 1809                | 13                        | 11          | 9             | 8        | 25    | 13 (18)                      | 16,33   | 1      | 16,33  | 41   |
| Kumertau                    | Bashkortostan                       | 65                  | 15                        | 15          | 0             | 1        | 12,5  | 5 (5)                        | 5,97    | 1,54   | 9,19   | 83   |
| Kupino                      | Novosibirsk reg.                    | 20                  | 30                        | 0           | 30            | 1        | 12    | 5 (5)                        | 10,92   | 1,6    | 17,47  | 39   |
| Kurgan                      | Kurgan reg.                         | 325                 | 47                        | 36          | 40            | 32       | 29,33 | 5 (5)                        | 25,43   | 1,22   | 31,03  | 4    |
| Luga                        | Leningrad reg.                      | 36                  | 1                         | 0           | 1             | 1        | 19,5  | 1 (5)                        | 19,5    | 1,58   | 30,81  | -    |
| Makhachkala                 | Dagestan                            | 578                 | 4                         | 0           | 4             | 4        | 22    | 4 (5)                        | 17,38   | 1      | 17,38  | -    |
| Maykop                      | Adygea                              | 144                 | 20                        | 0           | 20            | 14       | 20    | 5 (5)                        | 17,97   | 1,44   | 25,87  | 7    |
| Melbourne                   | Australia                           | 4250                | 31                        | 20          | 24            | 23       | 32    | 31 (42)                      | 15,96   | 1      | 15,96  | 46   |
| Minsk                       | Belarus                             | 1912                | 74                        | 42          | 50            | 55       | 25    | 19 (19)                      | 18,48   | 1      | 18,48  | 34   |
| Mokpo                       | Rep. of Korea                       | 247                 | 7                         | 6           | 2             | 7        | 18,67 | 5 (5)                        | 15,88   | 1,32   | 20,97  | 19   |
| Montreal                    | Quebec (Canada)                     | 1650                | 5                         | 0           | 5             | 0        | 8     | 5 (16)                       | 4,43    | 1      | 4,43   | 90   |
| Moscow                      | Moscow                              | 12184               | 1579                      | 1579        | 0             | 239      | 37,5  | 121 (121)                    | 19,82   | 1      | 19,82  | 25   |
| Murmansk                    | Murmansk reg.                       | 300                 | 10                        | 10          | 0             | 0        | 6,25  | 5 (5)                        | 4,35    | 1,25   | 5,44   | 88   |

## THE INTERNATIONAL MATHEMATICAL TOURNAMENT OF TOWNS

| Town                         | Location<br>(region and/or country) | Population<br>/1000 | Number of<br>participants | NoP<br>Fall | NoP<br>Spring | Diplomas | Max   | NoP for calc.<br>real (norm) | Average | Coeff. | Rating | Rank |
|------------------------------|-------------------------------------|---------------------|---------------------------|-------------|---------------|----------|-------|------------------------------|---------|--------|--------|------|
| Naberezhnye<br>Chelny        | Tatarstan                           | 524                 | 29                        | 0           | 29            | 27       | 30    | 5 (5)                        | 24,5    | 1      | 24,5   | 9    |
| Navashino                    | Nizhny Novgorod<br>reg.             | 12                  | 2                         | 0           | 2             | 1        | 15    | 2 (5)                        | 11      | 1,61   | 17,71  | -    |
| Neryungri                    | Sakha-Yakutia                       | 77                  | 9                         | 9           | 0             | 1        | 16    | 5 (5)                        | 5,2     | 1,53   | 7,96   | 85   |
| Nizhny<br>Novgorod           | Nizhny Novgorod<br>reg.             | 1259                | 18                        | 18          | 0             | 7        | 21,33 | 12 (12)                      | 13,5    | 1      | 13,5   | 64   |
| Nizhny Tagil                 | Sverdlovsk reg.                     | 358                 | 15                        | 15          | 10            | 9        | 18,75 | 5 (5)                        | 18,03   | 1,18   | 21,28  | 18   |
| Novorossiysk                 | Krasnodar terr.                     | 262                 | 14                        | 6           | 12            | 13       | 26    | 5 (5)                        | 20,67   | 1,3    | 26,87  | 6    |
| Novosibirsk                  | Novosibirsk reg.                    | 1547                | 43                        | 24          | 27            | 37       | 34,67 | 15 (15)                      | 21,59   | 1      | 21,59  | 16   |
| Omsk                         | Omsk reg.                           | 1160                | 22                        | 15          | 18            | 19       | 23,75 | 11 (11)                      | 19,15   | 1      | 19,15  | 30   |
| Oryol                        | Oryol reg.                          | 300                 | 3                         | 3           | 0             | 0        | 4     | 3 (5)                        | 1,67    | 1,25   | 2,08   | -    |
| Panama                       | Panama                              | 900                 | 3                         | 3           | 3             | 2        | 22,5  | 3 (9)                        | 14,83   | 1      | 14,83  | -    |
| Pereslavl-<br>Zalessky       | Yaroslavl reg.                      | 40                  | 5                         | 5           | 0             | 2        | 26    | 5 (5)                        | 11,4    | 1,57   | 17,9   | 36   |
| Perm                         | Perm reg.                           | 1013                | 49                        | 37          | 28            | 11       | 19,5  | 10 (10)                      | 15,31   | 1      | 15,31  | 53   |
| Perth                        | Australia                           | 1832                | 22                        | 7           | 19            | 14       | 28    | 18 (18)                      | 15,07   | 1      | 15,07  | 54   |
| Petropavlovsk-<br>Kamchatsky | Kamchatka                           | 181                 | 6                         | 3           | 5             | 3        | 22,5  | 5 (5)                        | 13,67   | 1,4    | 19,13  | 31   |
| Petrozavodsk                 | Karelia                             | 268                 | 2                         | 0           | 2             | 2        | 17,5  | 2 (5)                        | 15,25   | 1,29   | 19,67  | -    |
| Rostov-on-Don                | Rostov reg.                         | 1103                | 14                        | 13          | 7             | 3        | 17,5  | 11 (11)                      | 9,27    | 1      | 9,27   | 82   |
| Ryazan                       | Ryazan reg.                         | 500                 | 74                        | 0           | 74            | 3        | 13    | 5 (5)                        | 11,77   | 1      | 11,77  | 75   |
| Sabzevar                     | Iran                                | 440                 | 2                         | 0           | 2             | 1        | 16    | 2 (5)                        | 13      | 1,07   | 13,91  | -    |
| Saint<br>Petersburg          | Saint Petersburg                    | 5028                | 125                       | 116         | 27            | 31       | 29,33 | 50 (50)                      | 14,46   | 1      | 14,46  | 59   |
| Samara                       | Samara reg.                         | 1171                | 35                        | 26          | 13            | 12       | 20    | 11 (11)                      | 15,44   | 1      | 15,44  | 51   |
| Saransk                      | Mordovia                            | 299                 | 24                        | 20          | 12            | 7        | 18,67 | 5 (5)                        | 16,33   | 1,25   | 20,42  | 23   |
| Saratov                      | Saratov reg.                        | 840                 | 3                         | 3           | 0             | 3        | 14,67 | 3 (8)                        | 13,33   | 1      | 13,33  | -    |
| Sarov                        | Nizhny Novgorod<br>reg.             | 94                  | 21                        | 11          | 14            | 9        | 33,75 | 5 (5)                        | 21,28   | 1,51   | 32,14  | 2    |
| Seongnam                     | Rep. of Korea                       | 994                 | 10                        | 5           | 5             | 8        | 25,33 | 9 (9)                        | 15,55   | 1      | 15,55  | 49   |
| Seosan                       | Rep. of Korea                       | 163                 | 5                         | 1           | 4             | 2        | 19    | 5 (5)                        | 10,88   | 1,42   | 15,46  | 50   |
| Seoul                        | Rep. of Korea                       | 10117               | 49                        | 30          | 24            | 23       | 26,25 | 49 (101)                     | 11,82   | 1      | 11,82  | 73   |
| Severomorsk                  | Murmansk reg.                       | 50                  | 2                         | 2           | 0             | 0        | 1,25  | 2 (5)                        | 0,63    | 1,56   | 0,98   | -    |
| Sovetsk                      | Kaliningrad reg.                    | 41                  | 57                        | 57          | 0             | 0        | 7     | 5 (5)                        | 3,67    | 1,57   | 5,76   | 87   |

## THE INTERNATIONAL MATHEMATICAL TOURNAMENT OF TOWNS

| Town          | Location<br>(region and/or country) | Population<br>/1000 | Number of<br>participants | NoP<br>Fall | NoP<br>Spring | Diplomas | Max   | NoP for calc.<br>real (norm) | Average | Coeff. | Rating | Rank |
|---------------|-------------------------------------|---------------------|---------------------------|-------------|---------------|----------|-------|------------------------------|---------|--------|--------|------|
| Tabriz        | Iran                                | 2383                | 12                        | 0           | 12            | 1        | 12    | 12 (23)                      | 5,25    | 1      | 5,25   | 89   |
| Taiwan        | Taiwan                              | 23340               | 24                        | 24          | 0             | 18       | 25,33 | 24 (233)                     | 15,31   | 1      | 15,31  | 52   |
| Taraz         | Kazakhstan                          | 400                 | 6                         | 6           | 0             | 3        | 20    | 5 (5)                        | 15,63   | 1,13   | 17,67  | 38   |
| Tirana        | Albania                             | 418                 | 21                        | 13          | 15            | 9        | 17,33 | 5 (5)                        | 14,62   | 1,1    | 16,08  | 44   |
| Tomsk         | Tomsk reg.                          | 557                 | 6                         | 6           | 0             | 0        | 6,25  | 5 (5)                        | 2,95    | 1      | 2,95   | 92   |
| Toronto       | Ontario (Canada)                    | 2615                | 18                        | 9           | 13            | 13       | 28    | 18 (26)                      | 14,07   | 1      | 14,07  | 63   |
| Troy          | Michigan (USA)                      | 200                 | 22                        | 16          | 13            | 10       | 32,5  | 5 (5)                        | 22,83   | 1,38   | 31,51  | 3    |
| Tsimlyansk    | Rostov reg.                         | 20                  | 3                         | 0           | 3             | 0        | 8     | 3 (5)                        | 5       | 1,6    | 8      | -    |
| Tyumen        | Tyumen reg.                         | 679                 | 30                        | 21          | 10            | 1        | 13    | 6 (6)                        | 8,57    | 1      | 8,57   | 84   |
| Ufa           | Bashkortostan                       | 1077                | 54                        | 33          | 35            | 31       | 27,5  | 10 (10)                      | 19,32   | 1      | 19,32  | 28   |
| Ulsan         | Rep. of Korea                       | 1163                | 16                        | 9           | 10            | 16       | 26,25 | 11 (11)                      | 17,15   | 1      | 17,15  | 40   |
| Vancouver     | Brit. Columbia<br>(Canada)          | 603                 | 1                         | 0           | 1             | 1        | 13    | 1 (6)                        | 13      | 1      | 13     | -    |
| Vologda       | Vologda reg.                        | 306                 | 26                        | 20          | 16            | 12       | 21,33 | 5 (5)                        | 19,4    | 1,24   | 24,06  | 11   |
| Volzhsky      | Volgograd reg.                      | 326                 | 3                         | 3           | 0             | 0        | 8     | 3 (5)                        | 4,08    | 1,22   | 4,98   | -    |
| Voronezh      | Voronezh reg.                       | 1023                | 66                        | 66          | 0             | 3        | 24    | 10 (10)                      | 11,08   | 1      | 11,08  | 77   |
| Windsor       | Ontario (Canada)                    | 5                   | 3                         | 3           | 2             | 3        | 20    | 3 (5)                        | 17,03   | 1,62   | 27,58  | -    |
| Yaroslavl     | Yaroslavl reg.                      | 559                 | 31                        | 29          | 20            | 23       | 32    | 5 (5)                        | 28,37   | 1      | 28,37  | 5    |
| Yazd          | Iran                                | 486                 | 1                         | 0           | 1             | 1        | 12    | 1 (5)                        | 12      | 1,02   | 12,24  | -    |
| Yekaterinburg | Sverdlovsk reg.                     | 1396                | 34                        | 22          | 21            | 28       | 25,5  | 13 (13)                      | 18,91   | 1      | 18,91  | 32   |
| Yelabuga      | Tatarstan                           | 67                  | 5                         | 4           | 1             | 0        | 8     | 5 (5)                        | 3,8     | 1,54   | 5,85   | 86   |
| Yelizovo      | Kamchatka                           | 38                  | 10                        | 2           | 10            | 5        | 18    | 5 (5)                        | 14,02   | 1,58   | 22,15  | 15   |
| Yerevan       | Armenia                             | 1068                | 8                         | 8           | 0             | 4        | 13,75 | 8 (10)                       | 11,81   | 1      | 11,81  | 74   |
| Yessentuki    | Stavropol terr.                     | 103                 | 1                         | 1           | 1             | 1        | 32,5  | 1 (5)                        | 32,5    | 1,5    | 48,75  | -    |
| Yongin        | Rep. of Korea                       | 909                 | 8                         | 2           | 7             | 3        | 17,5  | 8 (9)                        | 12,06   | 1      | 12,06  | 72   |
| Zaporizhia    | Ukraine                             | 768                 | 55                        | 55          | 18            | 6        | 17,5  | 7 (7)                        | 14,69   | 1      | 14,69  | 57   |

ToT 37 RATING - ALPHABETIC

2015-16

**Notes:**

1. Number of Participants (NOP) in this table is the number of participants, whose papers were sent for the central examination.
2. This rating is counted only for towns, which have sent for the central examination 5 or more papers.
3. In towns of the Krasnodar territory (BC) the Tournament was held by Bernoulli Centre (Krasnodar).
4. The results of towns of Columbia are included into the results of Bogota.
5. The results of towns of Taiwan are counted together (as the result of one town).
6. Every Iranian team (3 people) is counted in this rating as one team-participant.
7. This rating table doesn't include the results of Vietnamese students yet because of late delivering of papers. (to appear soon)