## Happy Birthday to . . . Two?

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## Overview of Lesson

This activity is related to the Birthday Problem, originally posed by Richard von Mises (1939, reprinted in English in 1964), which can be stated as "How many people must be in a room so that there is a greater than $50 \%$ chance that at least two of them share a birthday?" Using real data, students take repeated samples of various sizes to determine answers to this question.

## GAISE Components

This investigation follows the four components of statistical problem solving put forth in the Guidelines for Assessment and Instruction in Statistics Education (GAISE) Report. The four components are: formulate a question, design and implement a plan to collect data, analyze the data by measures and graphs, and interpret the results in the context of the original question. This is a GAISE Level A activity.

## Common Core State Standards for Mathematical Practice

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Use appropriate tools strategically.

Common Core State Standards Grade Level Content (Grades 6 and 7)
6-SP. 5. Summarize numerical data sets in relation to their context, such as by:
a. Reporting the number of observations.
b. Describing the nature of the attribute under investigation, including how it was measured and its units of measurement.
7-SP. 1. Understand that statistics can be used to gain information about a population by examining a sample of the population; generalizations about a population from a sample are valid only if the sample is representative of that population. Understand that random sampling tends to produce representative samples and support valid inferences.
7-SP. 7. Develop a probability model and use it to find probabilities of events. Compare probabilities from a model to observed frequencies; if the agreement is not good, explain possible sources of the discrepancy.
b. Develop a probability model (which may not be uniform) by observing frequencies in data generated from a chance process. For example, find the approximate probability that a spinning penny will land heads up or that a tossed paper cup will land open-end down. Do the outcomes for the spinning penny appear to be equally likely based on the observed frequencies?

## NCTM Principles and Standards for School Mathematics

Data Analysis and Probability Standards for Grades 6-8
Develop and evaluate inferences and predictions that are based on data:

- use conjectures to formulate new questions and plan new studies to answer them.

Understand and apply basic concepts of probability:

- use proportionality and a basic understanding of probability to make and test conjectures about the results of experiments and simulations.


## Prerequisites

Prior to this lesson, students should be able to organize numerical and categorical data, compare and order rational numbers, and understand that probability is a numerical measure of the likelihood that an event will occur. Students will also need an understanding of the phrases "equally likely" and "more likely than not." Students should also have some experience working with a spreadsheet, as this will facilitate the sorting and organization of a large set of data.

It will also be helpful to introduce students to the term Julian date, which is a count of the number of days that have passed from January 1 to a given date. The data set for this lesson lists date of birth as the Julian date. For example, $\mathrm{DOB}=17$ for a person born on January 17. For a person born on February 5, DOB $=36$ ( 31 days in January +5 days in February).

This activity will be most effective after students have had exposure using data to compute experimental probabilities.

## Learning Targets

1. Students will be able to collect and organize numerical data (related to birthdates and frequencies of repetitions) and categorical data.
2. Students will be able to calculate proportions and interpret them as experimental probabilities of an event.
3. Students will be able to compare experimental probabilities and make inferences about the context.
4. Students will understand that experimental probabilities are affected by the sample size, or number of observations, that are used to determine the probability.

## Time Required

This lesson may be completed in 90-120 minutes.

## Materials Required

Students need an Activity Sheet (page 9) and students need access to the data set with 736 cases. Because of the large number of cases, it would be ideal for students to use software to work with the data (such as a spreadsheet or statistics software).

## Instructional Lesson Plan

## The GAISE Statistical Problem-Solving Procedure

## I. Formulate Question(s)

As this is a GAISE Level A activity, the teacher poses the question. Begin by asking for everyone's birthday to see if anyone in the classroom shares a birthday. Next, ask students if they would be surprised if two people in the classroom next door shared a birthday. Would they be surprised if two people in their grade level shared a birthday? What about if two people in the school shared a birthday?

Ask students, "How many people would need to be in a room so that it was more likely than not that at least two of them shared a birthday?" Richard von Mises originally posed this problem in 1939, and many people have explored it and its multiple variations.

Ask, "What does it mean that something is 'more likely than not' to occur? What are some examples of things that are 'more likely than not' to occur? What fraction or percent of the time would something need to occur that would lead us to say that it was 'more likely than not'?" The key idea is that we are investigating situations where the probability of an outcome is more than 0.5 , which means the event would occur with more than $50 \%$ of the time.

Solicit students' hypotheses about the number of people that would need to be in a room so that there was a greater than $50 \%$ chance that at least two of the people share a birthday. Certainly, if the number of people in the room is greater than the number of days in a year, at least two of them would have to share a birthday. Challenge students to come up with a number of people for which the probability that at least two people share a birthday is close to $50 \%$. It may help to give some concrete examples, such as the number of students in the school, in the grade, in the classrooms in a particular hallway, or in a single classroom. (Common guesses include 180 [approximately half of the number of days in a year], 100, and 50.)

## II. Design and Implement a Plan to Collect the Data

For this lesson, we will examine a data set of 736 birthdays of athletes that participated in the 2010 World Cup, an international soccer tournament. We assume that the birthdates are independent of each other and the distribution of the sample resembles the distribution of birthdates of all people in the world. Have students examine the data set (either a hard copy or an electronic copy), and tell them what variables are shown and what they may represent. For clarification, a portion of the data table is shown and the variables are explained below.

| Country | Group | Num | Position | DOB |
| :--- | :--- | :--- | :--- | :--- |
| France | A | 2 | Defender | 45 |
| Greece | B | 12 | Goalkeeper | 224 |
| Chile | H | 7 | Forward | 353 |
| Honduras | H | 17 | Midfielder | 18 |

- Country The athlete's home country and team name. There are 32 different countries in this data set.
- Group The 32 teams are divided into eight groups, with four countries in each group. Groups are named by the letters A, B, C, D, E, F, G, \& H.
- Num The player's jersey number. There are 23 athletes on each team, and the numbers are the whole numbers ranging from 1 to 23 .
- Position The athlete's position, which is either Forward, Midfielder, Defender, or Goalkeeper. Each team has exactly 3 Goalkeepers.
- DOB The Julian date of the athlete's date of birth. The Julian date is a count of the number of days that have passed from January 1 to a given date. For example, $\mathrm{DOB}=17$ for an athlete born on January 17. For an athlete born on February 5, DOB = 36 (31 days in January +5 days in February). Note: This particular data set contains no birthdates on February 29, so leap day has been ignored. Therefore, a birthdate of March 1 has DOB $=$ 60 ( 31 days in January +28 days in February +1 day in March) even if the birthday occurred in a leap year. $\mathrm{DOB}=365$ corresponds to an athlete born on December 31.

Ask students to discuss ideas for how these data can help investigate the question, "How many people would need to be in a room so that it was more likely than not that at least two of them shared a birthday?" One possible idea that students may offer is to start at the beginning of (or some other location on) the list and count entries until there is a repeated value in the DOB column (indicating that two people in the set share a birthday). Another possibility would be to randomly select entries from the table one at a time, and keep a count until there is a repeated value for DOB. Another possibility is described in below.

In this lesson, students will divide the 736 athletes into subsets of equal size. These subsets are determined using the values of the other variables (i.e. Group, Country, or Position) in the data set. We will then determine whether or not each subset contains at least two athletes who share a birthday. After this, the proportion of subsets that contain shared birthdays will be calculated, and interpreted as an experimental probability. This process will then be repeated five or six times, using a different number of athletes per subset in each repetition.

## III. Analyze the Data

Begin by modeling this problem with the whole class. We can obtain subsets of size 184 using the following partition of athletes: Groups A \& B; Groups C \& D; Groups E \& F; Groups G \& H. Have students examine the birthdays within each of the subsets to see if at least two athletes share a birthday. (Note that once a shared birthday is found in a subset, we don't need to search the subset any further.) Students should find that shared birthdays are located in each of the four subsets. Therefore, using a subset of size 184 , the proportion of these subsets with shared birthdays is $4 / 4$. This may be interpreted as the experimental probability is $100 \%$ that at least two people will share a birthday if 184 people are in the room.

Note that it may be possible to get a sample of 184 where there are no shared birthdays. Ask students to give an example of how this might happen, and whether or not the occurrence of a sample of this type would be likely.

Having worked through this example, ask students whether we should examine subsets with fewer or more athletes in order to find a proportion closer to 0.5 . Students should notice that a smaller subset is needed.

Choose a smaller number of athletes per subset, perhaps 92 , which can be found by letting each subset consist of the athletes in the eight Groups (A through H). Here, it will probably be helpful to divide the students into groups, with each group examining a single subset. Students then share their results (shared birthday or no shared birthday), and calculate the proportion of subsets containing shared birthdays. Based on their results, they will likely wish to examine subsets with fewer athletes.

Continue this cycle five or six times, being sure to examine subsets of size 23 (which is the answer to the question using theoretical probability), as well as some subsets with fewer than 23 athletes. The table below contains the proportions for subsets that students have used in the past.

| Description of subset | Number <br> of <br> subsets | Number of <br> athletes in <br> each subset | Experimental probability <br> that at least two athletes in <br> a subset shared a birthday |  |
| :--- | :---: | :---: | :---: | :---: |
| Pairs of Groups (listed in order from A to H) | 4 | 184 | $4 / 4$ | $(100 \%)$ |
| Group | 8 | 92 | $8 / 8$ | $(100 \%)$ |
| Non-Goalkeepers in each group | 8 | 80 | $8 / 8$ | $(100 \%)$ |
| Pairs of countries (listed alphabetically) | 16 | 46 | $15 / 16$ | $(93.75 \%)$ |
| Country | 32 | 23 | $15 / 32$ | $(46.875 \%)$ |
| Non-Goalkeepers in each country | 32 | 20 | $13 / 32$ | $(40.625 \%)$ |
| Goalkeepers in each group | 8 | 12 | $4 / 8$ | $(50 \%)$ |
| Athletes numbered 12 to 23 in each country | 32 | 12 | $5 / 32$ | $(15.625 \%)$ |
| Goalkeepers in each country | 32 | 3 | $2 / 32$ | $(6.25 \%)$ |

## IV. Interpret the Results

Have students share their results with each other. Using the shared results that students have generated, ask students to create a table (similar to the one shown above) and organize the information from largest subset size to smallest subset size.

Ask, "What patterns do you notice in the column of experimental probabilities?" Students should note that as the number of athletes in a subset decreases, the experimental probability that at least two people share a birthday also decreases. They should also see that this pattern is not strictly decreasing. For example, note that the row of "Goalkeepers in each group" in the table above has only 12 athletes in a subset, but a larger experimental probability than the row above, which had 20 athletes in a subset. One explanation for this phenomenon is that there were only 8 subsets of "Goalkeepers in each group," but 32 subsets for the previous row.

Ask students to indicate which subset sizes yielded experimental probabilities near 0.5, and how they might use this information to answer the original question.

In the table shown above, two different types of subsets had size 12, and the resulting experimental probabilities are very different. Have students explain this discrepancy. One possible explanation is that while there were the same number of athletes in each subset, there were fewer subsets considered in the case of Goalkeepers in each group (8) compared to Athletes numbered 12 to 23 in each country (32). Ask students which of these two probabilities is closest to the theoretical value of 0.5 . Students may indicate that by using a greater number of subsets, the experimental results will more accurately reflect the theoretical results. This is a good illustration of the Law of Large Numbers.

You may wish to let students know the answer to the problem, using theoretical probability techniques and assuming each birthday is equally likely, is 23 . If this information is shared, it should only be done after students feel fairly confident that the number of people should be near that value, based on their interpretation of the experimental probabilities.

Here is a derivation of the theoretical probability to answer the question "How many people must be in a room so that there is a greater than $50 \%$ chance that at least two of them share a birthday?" The key lies in finding the probability of the complement of the event in question. If the event is "at least two people in the room share a birthday," then the complement is "no one in the room shares a birthday."

If there are $n$ people in a room, then the probability that no one shares a birthday is

$$
\frac{365}{365} \cdot \frac{364}{365} \cdot \frac{363}{365} \cdot \cdots \cdot \frac{365-n+1}{365}=\frac{1}{365^{n}} \cdot \frac{365!}{(365-n)!}=\frac{1}{365^{n}} \cdot n!\binom{365}{n}
$$

Therefore, the probability that at least two people in the room of $n$ people share a birthday is

$$
1-\frac{1}{365^{n}} \cdot n!\binom{365}{n}
$$

When $n=22$, this probability is approximately 0.476 . The probability becomes larger than 0.5 for all $n>23$. When $n=23$, the probability is approximately 0.507 .

## Assessment

Formative assessment questions
In addition to the questions embedded in the narrative above, you may ask the following questions:

1. How would our results differ if we used data from the following sources:
(a) Athletes from the 2012 Olympics
(b) Employees of several restaurants in a fast-food chain
(c) Students in the middle schools in our district
(d) Newborn babies in hospitals in our state
(e) World Cup athletes playing 100 years from now
2. How would you find the number of people needed in a room in order for there to be an $80 \%$ chance that at least two people shared a birthday?
3. How would our results differ if we were interested in answering the question, "How many people would need to be in a room so that it was more likely than not that at least three of them shared a birthday?"

## Possible answers to formative assessment questions:

1. The results would likely be similar for cases (a), (b), (c), and (e). In the case of (d), it would depend on whether the data were gathered over the course of an entire year or more, or during a shorter span (such as the past week or month).
2. Subsets of different sizes would need to be examined to answer this question. Based on the results contained in the table above, the number is somewhere between 23 and 46 . Calculations with theoretical probability indicate that about 34 people are needed.
3. There would need to be more people in the room in order to have at least three people sharing a birthday. This question would be a good way to launch an extension to the activity.

## Summative assessment questions

1. Use a number line (with marks indicating 0 and 1 ) to indicate your estimate for the probability that at least two people will share a birthday if there are:
(a) 4 people in the room
(b) 17 people in the room
(c) 31 people in the room
(d) 205 people in the room
2. Robbie, Vonda, and Missy were discussing the question, "How many people need to be in a room so that it is more likely than not that at least two people were born in the same month?" They all had different ideas. Robbie said that 6 people would be needed. Vonda thought that the number would need to be less than 6 . Missy thought that the number would be greater than 6 . Who do you agree with? Please explain your reasoning.
3. Describe a way to investigate and answer the question, "How many people need to be in a room so that it is more likely than not that at least two people have the same first initial?"

## Possible answers to summative assessment questions:

1. (a) The mark for A should be close to 0 .
(b) The mark for B should be between 0 and 0.5 (the theoretical value is near $1 / 3$ ).
(c) The mark for C should be between 0.5 and 1 (the theoretical value is near 3/4).
(d) The mark for D should be close to (or equal to) 1 .
2. Vonda is correct - fewer than 6 people would be needed. The number 6 is half of the number of options, but given the nature of the activity, students should recognize that using 6 will have a probability greater than 0.5 .
3. Using a large list of people's names, divide the list into subsets of equal size and determine the proportion of subsets that have at least two people with the same first initial. Based on those results, adjust the size of the subset and repeat the process. Do this with several different sizes of subset to get a good approximation of the number of people needed.
Note: In some ways, this is very different than the birthday problem, as it depends on languages and popularity of names. Also, while there may be some reason to expect that each birthday is equally likely, there is no reason to expect that each letter is equally likely to be a first initial. For this reason, this question is very difficult to answer using theoretical probability. On the other hand, it is a good extension of the above activity.

## Possible Extensions

Below are some suggested extensions. More possible extensions are suggested in the assessment items above.

- Use random samples of various sizes, such as using a calculator to generate random integers between 1 and 736. Discuss why random samples may be selected, and how this may help eliminate some issues in the previous sampling method, such as unfriendly numbers in a subset, or possible bias for top athletes in a particular country be born at the same time of the year.
- (If students have an understanding of distributions.) Examine the distribution of birthdays in this set - describe it in terms of shape, center, and spread. Is it reasonable to assume that all birthdays are equally likely? That is to say, does the distribution of DOB appear to be uniform?
- (If students have an understanding of sampling distributions.) Take 100 random samples of size 23 and record the proportion of samples with a shared birthday. Repeat this 30 times to obtain 30 proportions, and then graph the sampling distribution of proportions for samples of size 23. Examine the relationship of the shape, center, and spread of the sampling distribution.
- (If students have an understanding of sampling distributions.) Repeat the previous activity with samples of different size - perhaps $12,20,22,24,30,40$, or 180. Compare the various sampling distributions, and describe what changes in the sampling distribution as the sample size increases.


## References

1. Franklin, C., Kader, G., Mewborn, D., Moreno, J., Peck, R., Perry, M., \& Scheaffer, R. (2007). Guidelines for Assessment and Instruction in Statistics Education (GAISE) Report: A Pre-K-12 Curriculum Framework. Alexandria, Va.: American Statistical Association, 2007.
2. This lesson was based on the following article: Jones, D. L. (2012). The birthday problem, empirically. Mathematics Teacher, 105(6), 480.
3. Data from World Cup athletes was downloaded from http://soccernet.espn.go.com/worldcup/?cc=5901\&ver=us
4. von Mises, Richard. "Über Aufteilungs - und Besetzungs - Wahrsheinlichketien." Revue de la Faculté des Sciences de l'Université d'Istanbul, N.S. 4, 1939, 145-63. Reprinted in Selected Papers of Richard von Mises, vol. 2, 313-34, edited by Philipp Frank, Sydney Goldstein, Mark Kac, William Prager, Gábor Szegö, and Garrett Birkhoff. Providence, R.I.: American Mathematical Society, 1964.

## Happy Birthday to ... Two? Activity Sheet - Part 1

In 1939, Richard von Mises posed the Birthday Problem: "How many people would need to be in a room so that it was more likely than not that at least two of them shared a birthday?"

1. What are some examples of things that are 'more likely than not' to occur?
2. What fraction or percent of the time would something need to occur that would lead us to say that it was 'more likely than not'?"
3. What is your initial guess at an answer for the Birthday Problem?

You will examine a data set of 736 birthdays of athletes that participated in the 2010 World Cup, an international soccer tournament. Below is a portion of the data table and an explanation of the variables.

| Country | Group | Num | Position | DOB |
| :--- | :--- | :--- | :--- | :--- |
| France | A | 2 | Defender | 45 |
| Greece | B | 12 | Goalkeeper | 224 |
| Chile | H | 7 | Forward | 353 |
| Honduras | H | 17 | Midfielder | 18 |

Country The athlete's home country and team name. There are 32 different countries in this data set.
Group The 32 teams are divided into eight groups, with four countries in each group. Groups are named by the letters A, B, C, D, E, F, G, \& H.
Num The player's jersey number. There are 23 athletes on each team, and the numbers are the whole numbers ranging from 1 to 23 .
Position The athlete's position, which is either Forward, Midfielder, Defender, or Goalkeeper. Each team has exactly 3 Goalkeepers.
DOB The Julian date of the athlete's date of birth. The Julian date is a count of the number of days that have passed from January 1 to a given date. For example, DOB $=18$ for an athlete born on January 18. For an athlete born on February 14, DOB $=45$ (31 days in January +14 days in February).
Note: This particular set contains no birthdates on February 29, so leap day has been ignored.
4. How may we use these data to investigate the Birthday Problem?

## Happy Birthday to ... Two? Activity Sheet - Part 2

Investigate subsets of size 184 using the following partition of athletes: Groups A \& B;
Groups C \& D; Groups E \& F; Groups G \& H. Your teacher will assign you to look at one of these subsets.

My subset is: $\quad$ size $=184 \quad$ Is there a shared birthday? $\quad$
Examine your subset. If you have a spreadsheet, it may be helpful to sort the data by Group, and then by DOB. This will put the Groups in order, and then the birthdates. Once you find a shared birthday, you don't need to look any further.

Combine your results with the rest of the class to find the proportion of these subsets in which shared birthdays occur.

The proportion of subsets that contain shared birthdays can be thought of as the experimental probability that at least two people in a subset share a birthday.
5. Based on the results above, should we examine subsets with fewer or more athletes in order to find a proportion (or experimental probability) closer to 0.5 ?
6. Choose a different number of athletes per subset, perhaps 92 , which can be found by letting each subset consist of the athletes in the eight Groups (A through H).

My subset is: $\qquad$

$$
\text { size }=92 \quad \text { Is there a shared birthday? }
$$

$\qquad$
Combine your results with the rest of the class to find the proportion of these subsets in which shared birthdays occur. What is that proportion?
7. Continue this process, choosing a different number of athletes per subset, examining the data set for shared birthdays within each subset, and then computing the proportion of subsets in which shared birthdays occur. Record your results in the table on the next page.

| Description of subset | Number <br> of <br> subsets | Number of <br> athletes in <br> each subset | Experimental probability <br> that at least two athletes in <br> a subset shared a birthday |
| :--- | :---: | :---: | :---: |
| Pairs of Groups (listed in order from A to H) | 4 | 184 |  |
| Group | 8 | 92 |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

With your class, organize a table similar to the one above, and order the list according to the number of athletes per subset.
8. What patterns do you notice in the column of experimental probabilities?
9. Which subset sizes yielded experimental probabilities near 0.5, and how might we use this information to answer the Birthday Problem?

## Note

The data are included in a table that spans the next eight pages of this document.
The data below has been sorted first by Group, then Country, and finally by DOB.
When using a spreadsheet, it is possible to sort the data in various ways, which may be helpful for students as they examine various subsets. Typically, there is a "sort" button on the toolbar, which opens a dialog box to indicate how the data should be sorted. This capability is also present within statistical software packages.

| Country | Group | Num | Position | DOB |
| :---: | :---: | :---: | :---: | :---: |
| France | A | 2 | Defender | 45 |
| France | A | 6 | Defender | 66 |
| France | A | 21 | Forward | 73 |
| France | A | 16 | Goalkeeper | 82 |
| France | A | 7 | Midfielder | 97 |
| France | A | 17 | Defender | 101 |
| France | A | 19 | Midfielder | 131 |
| France | A | 11 | Forward | 132 |
| France | A | 13 | Defender | 135 |
| France | A | 15 | Midfielder | 164 |
| France | A | 8 | Midfielder | 192 |
| France | A | 18 | Midfielder | 198 |
| France | A | 22 | Defender | 207 |
| France | A | 10 | Forward | 208 |
| France | A | 9 | Forward | 224 |
| France | A | 12 | Forward | 229 |
| France | A | 5 | Defender | 229 |
| France | A | 14 | Midfielder | 253 |
| France | A | 3 | Defender | 254 |
| France | A | 20 | Midfielder | 271 |
| France | A | 4 | Defender | 314 |
| France | A | 1 | Goalkeeper | 360 |
| France | A | 23 | Goalkeeper | 364 |
| Mexico | A | 20 | Defender | 16 |
| Mexico | A | 15 | Defender | 17 |
| Mexico | A | 10 | Forward | 17 |
| Mexico | A | 1 | Goalkeeper | 32 |
| Mexico | A | 4 | Defender | 44 |
| Mexico | A | 16 | Defender | 53 |
| Mexico | A | 11 | Forward | 60 |
| Mexico | A | 12 | Defender | 65 |
| Mexico | A | 5 | Defender | 89 |
| Mexico | A | 3 | Defender | 92 |
| Mexico | A | 6 | Midfielder | 120 |
| Mexico | A | 17 | Midfielder | 131 |
| Mexico | A | 21 | Forward | 135 |
| Mexico | A | 22 | Midfielder | 149 |
| Mexico | A | 14 | Forward | 152 |
| Mexico | A | 7 | Midfielder | 172 |
| Mexico | A | 13 | Goalkeeper | 194 |
| Mexico | A | 23 | Goalkeeper | 202 |
| Mexico | A | 18 | Midfielder | 271 |
| Mexico | A | 2 | Defender | 293 |

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| Mexico | A | 9 | Forward | 307 |
| :---: | :---: | :---: | :---: | :---: |
| Mexico | A | 19 | Defender | 325 |
| Mexico | A | 8 | Midfielder | 354 |
| South Africa | A | 20 | Defender | 6 |
| South Africa | A | 14 | Defender | 73 |
| South Africa | A | 17 | Forward | 75 |
| South Africa | A | 10 | Midfielder | 76 |
| South Africa | A | 19 | Midfielder | 79 |
| South Africa | A | 2 | Defender | 96 |
| South Africa | A | 7 | Midfielder | 101 |
| South Africa | A | 3 | Defender | 125 |
| South Africa | A | 1 | Goalkeeper | 139 |
| South Africa | A | 23 | Midfielder | 142 |
| South Africa | A | 12 | Midfielder | 160 |
| South Africa | A | 16 | Goalkeeper | 171 |
| South Africa | A | 8 | Midfielder | 268 |
| South Africa | A | 21 | Defender | 272 |
| South Africa | A | 15 | Defender | 292 |
| South Africa | A | 5 | Defender | 293 |
| South Africa | A | 13 | Midfielder | 328 |
| South Africa | A | 4 | Defender | 329 |
| South Africa | A | 6 | Midfielder | 329 |
| South Africa | A | 9 | Forward | 333 |
| South Africa | A | 18 | Forward | 336 |
| South Africa | A | 11 | Midfielder | 356 |
| South Africa | A | 22 | Goalkeeper | 360 |
| Uruguay | A | 8 | Midfielder | 8 |
| Uruguay | A | 9 | Forward | 24 |
| Uruguay | A | 7 | Forward | 45 |
| Uruguay | A | 3 | Defender | 47 |
| Uruguay | A | 14 | Midfielder | 80 |
| Uruguay | A | 23 | Goalkeeper | 84 |
| Uruguay | A | 22 | Defender | 97 |
| Uruguay | A | 12 | Goalkeeper | 107 |
| Uruguay | A | 16 | Midfielder | 128 |
| Uruguay | A | 18 | Midfielder | 134 |
| Uruguay | A | 15 | Midfielder | 138 |
| Uruguay | A | 10 | Forward | 139 |
| Uruguay | A | 21 | Forward | 143 |
| Uruguay | A | 1 | Goalkeeper | 167 |
| Uruguay | A | 5 | Midfielder | 208 |
| Uruguay | A | 17 | Midfielder | 270 |
| Uruguay | A | 6 | Defender | 284 |
| Uruguay | A | 20 | Midfielder | 284 |

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| Uruguay | A | 13 | Forward | 290 |
| :---: | :---: | :---: | :---: | :---: |
| Uruguay | A | 2 | Defender | 306 |
| Uruguay | A | 4 | Defender | 323 |
| Uruguay | A | 11 | Midfielder | 332 |
| Uruguay | A | 19 | Defender | 348 |
| Argentina | B | 20 | Midfielder | 2 |
| Argentina | B | 11 | Forward | 36 |
| Argentina | B | 15 | Defender | 43 |
| Argentina | B | 7 | Midfielder | 45 |
| Argentina | B | 1 | Goalkeeper | 47 |
| Argentina | B | 5 | Midfielder | 48 |
| Argentina | B | 8 | Midfielder | 68 |
| Argentina | B | 6 | Defender | 78 |
| Argentina | B | 13 | Defender | 82 |
| Argentina | B | 4 | Defender | 102 |
| Argentina | B | 16 | Forward | 153 |
| Argentina | B | 14 | Midfielder | 159 |
| Argentina | B | 19 | Forward | 163 |
| Argentina | B | 23 | Midfielder | 171 |
| Argentina | B | 10 | Forward | 175 |
| Argentina | B | 17 | Midfielder | 186 |
| Argentina | B | 12 | Defender | 195 |
| Argentina | B | 22 | Goalkeeper | 203 |
| Argentina | B | 21 | Goalkeeper | 211 |
| Argentina | B | 3 | Defender | 212 |
| Argentina | B | 18 | Forward | 311 |
| Argentina | B | 9 | Forward | 344 |
| Argentina | B | 2 | Defender | 354 |
| Greece | B | 23 | Midfielder | 9 |
| Greece | B | 11 | Defender | 36 |
| Greece | B | 9 | Forward | 40 |
| Greece | B | 6 | Midfielder | 44 |
| Greece | B | 7 | Forward | 52 |
| Greece | B | 10 | Midfielder | 65 |
| Greece | B | 22 | Defender | 70 |
| Greece | B | 3 | Midfielder | 78 |
| Greece | B | 18 | Midfielder | 93 |
| Greece | B | 17 | Forward | 143 |
| Greece | B | 1 | Goalkeeper | 150 |
| Greece | B | 2 | Defender | 155 |
| Greece | B | 20 | Forward | 159 |
| Greece | B | 19 | Defender | 160 |
| Greece | B | 15 | Defender | 161 |
| Greece | B | 21 | Midfielder | 172 |

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| Greece | B | 16 | Defender | 204 |
| :---: | :---: | :---: | :---: | :---: |
| Greece | B | 12 | Goalkeeper | 224 |
| Greece | B | 14 | Forward | 230 |
| Greece | B | 5 | Defender | 238 |
| Greece | B | 13 | Goalkeeper | 252 |
| Greece | B | 4 | Defender | 283 |
| Greece | B | 8 | Defender | 337 |
| Nigeria | B | 7 | Midfielder | 8 |
| Nigeria | B | 21 | Defender | 20 |
| Nigeria | B | 18 | Forward | 84 |
| Nigeria | B | 16 | Goalkeeper | 98 |
| Nigeria | B | 3 | Defender | 106 |
| Nigeria | B | 5 | Defender | 108 |
| Nigeria | B | 14 | Midfielder | 122 |
| Nigeria | B | 19 | Forward | 152 |
| Nigeria | B | 20 | Midfielder | 159 |
| Nigeria | B | 11 | Forward | 196 |
| Nigeria | B | 4 | Forward | 213 |
| Nigeria | B | 1 | Goalkeeper | 241 |
| Nigeria | B | 6 | Defender | 245 |
| Nigeria | B | 2 | Defender | 249 |
| Nigeria | B | 10 | Forward | 283 |
| Nigeria | B | 9 | Forward | 301 |
| Nigeria | B | 13 | Midfielder | 308 |
| Nigeria | B | 12 | Midfielder | 319 |
| Nigeria | B | 23 | Goalkeeper | 324 |
| Nigeria | B | 8 | Forward | 326 |
| Nigeria | B | 15 | Midfielder | 338 |
| Nigeria | B | 17 | Defender | 351 |
| Nigeria | B | 22 | Defender | 359 |
| South Korea | B | 18 | Goalkeeper | 4 |
| South Korea | B | 14 | Defender | 8 |
| South Korea | B | 16 | Midfielder | 24 |
| South Korea | B | 9 | Forward | 27 |
| South Korea | B | 15 | Defender | 29 |
| South Korea | B | 23 | Defender | 45 |
| South Korea | B | 7 | Midfielder | 56 |
| South Korea | B | 11 | Forward | 65 |
| South Korea | B | 5 | Midfielder | 73 |
| South Korea | B | 19 | Midfielder | 89 |
| South Korea | B | 12 | Defender | 113 |
| South Korea | B | 1 | Goalkeeper | 116 |
| South Korea | B | 3 | Defender | 117 |
| South Korea | B | 20 | Forward | 119 |

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| South Korea | B | 8 | Midfielder | 129 |
| :---: | :---: | :---: | :---: | :---: |
| South Korea | B | 21 | Goalkeeper | 179 |
| South Korea | B | 17 | Midfielder | 183 |
| South Korea | B | 10 | Forward | 191 |
| South Korea | B | 22 | Defender | 206 |
| South Korea | B | 2 | Defender | 210 |
| South Korea | B | 13 | Midfielder | 276 |
| South Korea | B | 6 | Midfielder | 279 |
| South Korea | B | 4 | Defender | 307 |
| Algeria | C | 10 | Forward | 38 |
| Algeria | C | 22 | Midfielder | 45 |
| Algeria | C | 7 | Midfielder | 50 |
| Algeria | C | 6 | Midfielder | 56 |
| Algeria | C | 11 | Forward | 67 |
| Algeria | C | 4 | Defender | 80 |
| Algeria | C | 12 | Defender | 87 |
| Algeria | C | 23 | Goalkeeper | 115 |
| Algeria | C | 19 | Midfielder | 134 |
| Algeria | C | 18 | Defender | 135 |
| Algeria | C | 8 | Midfielder | 135 |
| Algeria | C | 3 | Defender | 169 |
| Algeria | C | 13 | Midfielder | 176 |
| Algeria | C | 14 | Defender | 210 |
| Algeria | C | 15 | Midfielder | 229 |
| Algeria | C | 5 | Defender | 245 |
| Algeria | C | 1 | Goalkeeper | 271 |
| Algeria | C | 2 | Defender | 280 |
| Algeria | C | 20 | Midfielder | 282 |
| Algeria | C | 17 | Midfielder | 316 |
| Algeria | C | 16 | Goalkeeper | 339 |
| Algeria | C | 21 | Midfielder | 339 |
| Algeria | C | 9 | Forward | 339 |
| England | C | 16 | Midfielder | 4 |
| England | C | 21 | Forward | 11 |
| England | C | 12 | Goalkeeper | 18 |
| England | C | 18 | Defender | 28 |
| England | C | 9 | Forward | 30 |
| England | C | 14 | Midfielder | 54 |
| England | C | 7 | Midfielder | 106 |
| England | C | 15 | Defender | 108 |
| England | C | 23 | Goalkeeper | 109 |
| England | C | 4 | Midfielder | 150 |
| England | C | 8 | Midfielder | 171 |
| England | C | 22 | Midfielder | 209 |


| England | C | 1 | Goalkeeper | 213 |
| :---: | :---: | :---: | :---: | :---: |
| England | C | 2 | Defender | 235 |
| England | C | 19 | Forward | 280 |
| England | C | 20 | Defender | 285 |
| England | C | 10 | Forward | 297 |
| England | C | 17 | Midfielder | 298 |
| England | C | 11 | Midfielder | 312 |
| England | C | 5 | Defender | 322 |
| England | C | 6 | Defender | 341 |
| England | C | 13 | Defender | 346 |
| England | C | 3 | Defender | 354 |
| Slovenia | C | 7 | Forward | 3 |
| Slovenia | C | 23 | Forward | 13 |
| Slovenia | C | 12 | Goalkeeper | 28 |
| Slovenia | C | 22 | Defender | 29 |
| Slovenia | C | 16 | Goalkeeper | 32 |
| Slovenia | C | 6 | Defender | 37 |
| Slovenia | C | 4 | Defender | 68 |
| Slovenia | C | 18 | Midfielder | 115 |
| Slovenia | C | 2 | Defender | 121 |
| Slovenia | C | 13 | Defender | 137 |
| Slovenia | C | 11 | Forward | 138 |
| Slovenia | C | 15 | Midfielder | 141 |
| Slovenia | C | 5 | Defender | 190 |
| Slovenia | C | 1 | Goalkeeper | 195 |
| Slovenia | C | 10 | Midfielder | 219 |
| Slovenia | C | 3 | Defender | 237 |
| Slovenia | C | 17 | Midfielder | 249 |
| Slovenia | C | 19 | Defender | 259 |
| Slovenia | C | 8 | Midfielder | 263 |
| Slovenia | C | 21 | Midfielder | 270 |
| Slovenia | C | 14 | Forward | 278 |
| Slovenia | C | 20 | Midfielder | 338 |
| Slovenia | C | 9 | Forward | 349 |
| United States | C | 22 | Midfielder | 19 |
| United States | C | 13 | Midfielder | 41 |
| United States | C | 6 | Defender | 50 |
| United States | C | 2 | Defender | 60 |
| United States | C | 10 | Forward | 63 |
| United States | C | 1 | Goalkeeper | 65 |
| United States | C | 8 | Midfielder | 68 |
| United States | C | 9 | Forward | 96 |
| United States | C | 19 | Midfielder | 108 |
| United States | C | 5 | Defender | 133 |


| United States | C | 21 | Defender | 137 |
| :---: | :---: | :---: | :---: | :---: |
| United States | C | 14 | Forward | 141 |
| United States | C | 7 | Midfielder | 144 |
| United States | C | 3 | Defender | 145 |
| United States | C | 23 | Goalkeeper | 166 |
| United States | C | 4 | Midfielder | 212 |
| United States | C | 11 | Midfielder | 213 |
| United States | C | 20 | Forward | 216 |
| United States | C | 18 | Goalkeeper | 252 |
| United States | C | 16 | Midfielder | 302 |
| United States | C | 17 | Forward | 310 |
| United States | C | 12 | Defender | 311 |
| United States | C | 15 | Defender | 338 |
| Australia | D | 12 | Goalkeeper | 31 |
| Australia | D | 23 | Midfielder | 42 |
| Australia | D | 7 | Midfielder | 53 |
| Australia | D | 14 | Forward | 58 |
| Australia | D | 2 | Defender | 68 |
| Australia | D | 22 | Midfielder | 98 |
| Australia | D | 18 | Goalkeeper | 163 |
| Australia | D | 17 | Forward | 173 |
| Australia | D | 6 | Defender | 215 |
| Australia | D | 15 | Midfielder | 215 |
| Australia | D | 20 | Defender | 216 |
| Australia | D | 5 | Midfielder | 217 |
| Australia | D | 16 | Midfielder | 226 |
| Australia | D | 9 | Forward | 232 |
| Australia | D | 19 | Midfielder | 247 |
| Australia | D | 10 | Midfielder | 265 |
| Australia | D | 8 | Midfielder | 275 |
| Australia | D | 13 | Midfielder | 278 |
| Australia | D | 1 | Goalkeeper | 279 |
| Australia | D | 21 | Defender | 334 |
| Australia | D | 4 | Midfielder | 340 |
| Australia | D | 3 | Defender | 346 |
| Australia | D | 11 | Midfielder | 364 |
| Germany | D | 18 | Midfielder | 4 |
| Germany | D | 4 | Defender | 14 |
| Germany | D | 9 | Forward | 25 |
| Germany | D | 21 | Midfielder | 72 |
| Germany | D | 14 | Defender | 72 |
| Germany | D | 15 | Midfielder | 81 |
| Germany | D | 19 | Forward | 86 |
| Germany | D | 1 | Goalkeeper | 86 |

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| Germany | D | 6 | Midfielder | 94 |
| :---: | :---: | :---: | :---: | :---: |
| Germany | D | 5 | Defender | 114 |
| Germany | D | 22 | Goalkeeper | 148 |
| Germany | D | 3 | Defender | 149 |
| Germany | D | 10 | Forward | 155 |
| Germany | D | 11 | Forward | 160 |
| Germany | D | 23 | Forward | 191 |
| Germany | D | 7 | Midfielder | 213 |
| Germany | D | 20 | Defender | 246 |
| Germany | D | 13 | Forward | 256 |
| Germany | D | 17 | Defender | 272 |
| Germany | D | 8 | Midfielder | 288 |
| Germany | D | 2 | Defender | 308 |
| Germany | D | 16 | Defender | 315 |
| Germany | D | 12 | Goalkeeper | 351 |
| Ghana | D | 23 | Midfielder | 65 |
| Ghana | D | 20 | Forward | 105 |
| Ghana | D | 17 | Defender | 106 |
| Ghana | D | 9 | Midfielder | 122 |
| Ghana | D | 22 | Goalkeeper | 164 |
| Ghana | D | 4 | Defender | 166 |
| Ghana | D | 15 | Defender | 172 |
| Ghana | D | 2 | Defender | 179 |
| Ghana | D | 8 | Defender | 194 |
| Ghana | D | 6 | Midfielder | 202 |
| Ghana | D | 7 | Defender | 234 |
| Ghana | D | 11 | Midfielder | 239 |
| Ghana | D | 16 | Goalkeeper | 248 |
| Ghana | D | 19 | Defender | 269 |
| Ghana | D | 14 | Forward | 297 |
| Ghana | D | 12 | Forward | 313 |
| Ghana | D | 1 | Goalkeeper | 314 |
| Ghana | D | 3 | Forward | 326 |
| Ghana | D | 5 | Defender | 333 |
| Ghana | D | 18 | Forward | 333 |
| Ghana | D | 21 | Midfielder | 343 |
| Ghana | D | 13 | Midfielder | 351 |
| Ghana | D | 10 | Midfielder | 358 |
| Serbia | D | 21 | Forward | 23 |
| Serbia | D | 2 | Defender | 26 |
| Serbia | D | 4 | Midfielder | 26 |
| Serbia | D | 6 | Defender | 53 |
| Serbia | D | 19 | Midfielder | 67 |
| Serbia | D | 12 | Goalkeeper | 84 |


| Serbia | D | 14 | Midfielder | 108 |
| :---: | :---: | :---: | :---: | :---: |
| Serbia | D | 7 | Midfielder | 118 |
| Serbia | D | 8 | Forward | 137 |
| Serbia | D | 16 | Defender | 206 |
| Serbia | D | 1 | Goalkeeper | 209 |
| Serbia | D | 11 | Midfielder | 242 |
| Serbia | D | 10 | Midfielder | 254 |
| Serbia | D | 9 | Forward | 258 |
| Serbia | D | 22 | Midfielder | 265 |
| Serbia | D | 15 | Forward | 268 |
| Serbia | D | 5 | Defender | 294 |
| Serbia | D | 13 | Defender | 296 |
| Serbia | D | 17 | Midfielder | 305 |
| Serbia | D | 3 | Defender | 314 |
| Serbia | D | 23 | Goalkeeper | 325 |
| Serbia | D | 20 | Defender | 344 |
| Serbia | D | 18 | Midfielder | 359 |
| Cameroon | E | 15 | Forward | 20 |
| Cameroon | E | 23 | Forward | 22 |
| Cameroon | E | 1 | Goalkeeper | 49 |
| Cameroon | E | 22 | Goalkeeper | 59 |
| Cameroon | E | 17 | Forward | 67 |
| Cameroon | E | 9 | Forward | 69 |
| Cameroon | E | 13 | Forward | 82 |
| Cameroon | E | 18 | Midfielder | 82 |
| Cameroon | E | 2 | Defender | 83 |
| Cameroon | E | 3 | Defender | 86 |
| Cameroon | E | 12 | Defender | 115 |
| Cameroon | E | 19 | Defender | 140 |
| Cameroon | E | 11 | Midfielder | 149 |
| Cameroon | E | 10 | Midfielder | 156 |
| Cameroon | E | 14 | Midfielder | 171 |
| Cameroon | E | 4 | Defender | 182 |
| Cameroon | E | 5 | Defender | 190 |
| Cameroon | E | 21 | Defender | 220 |
| Cameroon | E | 6 | Midfielder | 252 |
| Cameroon | E | 16 | Goalkeeper | 326 |
| Cameroon | E | 7 | Midfielder | 332 |
| Cameroon | E | 20 | Midfielder | 343 |
| Cameroon | E | 8 | Defender | 354 |
| Denmark | E | 11 | Forward | 16 |
| Denmark | E | 23 | Defender | 28 |
| Denmark | E | 21 | Midfielder | 45 |
| Denmark | E | 5 | Midfielder | 55 |


| Denmark | E | 2 | Midfielder | 59 |
| :---: | :---: | :---: | :---: | :---: |
| Denmark | E | 12 | Midfielder | 79 |
| Denmark | E | 3 | Defender | 85 |
| Denmark | E | 22 | Goalkeeper | 114 |
| Denmark | E | 1 | Goalkeeper | 163 |
| Denmark | E | 7 | Midfielder | 176 |
| Denmark | E | 14 | Midfielder | 188 |
| Denmark | E | 19 | Midfielder | 203 |
| Denmark | E | 20 | Midfielder | 208 |
| Denmark | E | 13 | Defender | 212 |
| Denmark | E | 8 | Midfielder | 224 |
| Denmark | E | 9 | Forward | 241 |
| Denmark | E | 18 | Forward | 249 |
| Denmark | E | 6 | Defender | 263 |
| Denmark | E | 10 | Midfielder | 279 |
| Denmark | E | 15 | Midfielder | 280 |
| Denmark | E | 17 | Midfielder | 297 |
| Denmark | E | 16 | Goalkeeper | 330 |
| Denmark | E | 4 | Defender | 346 |
| Japan | E | 17 | Midfielder | 18 |
| Japan | E | 15 | Defender | 25 |
| Japan | E | 7 | Midfielder | 28 |
| Japan | E | 13 | Defender | 30 |
| Japan | E | 22 | Defender | 56 |
| Japan | E | 21 | Goalkeeper | 79 |
| Japan | E | 6 | Defender | 86 |
| Japan | E | 12 | Forward | 95 |
| Japan | E | 11 | Forward | 101 |
| Japan | E | 1 | Goalkeeper | 105 |
| Japan | E | 9 | Forward | 106 |
| Japan | E | 4 | Defender | 114 |
| Japan | E | 19 | Forward | 127 |
| Japan | E | 8 | Midfielder | 131 |
| Japan | E | 16 | Forward | 160 |
| Japan | E | 18 | Midfielder | 164 |
| Japan | E | 10 | Midfielder | 175 |
| Japan | E | 3 | Defender | 206 |
| Japan | E | 23 | Goalkeeper | 227 |
| Japan | E | 2 | Midfielder | 249 |
| Japan | E | 5 | Defender | 255 |
| Japan | E | 20 | Midfielder | 261 |
| Japan | E | 14 | Midfielder | 304 |
| Netherlands | E | 18 | Midfielder | 11 |
| Netherlands | E | 11 | Forward | 23 |

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| Netherlands | E | 2 | Defender | 34 |
| :---: | :---: | :---: | :---: | :---: |
| Netherlands | E | 5 | Defender | 36 |
| Netherlands | E | 23 | Midfielder | 42 |
| Netherlands | E | 17 | Forward | 44 |
| Netherlands | E | 20 | Midfielder | 92 |
| Netherlands | E | 4 | Defender | 95 |
| Netherlands | E | 15 | Defender | 98 |
| Netherlands | E | 6 | Midfielder | 112 |
| Netherlands | E | 14 | Midfielder | 146 |
| Netherlands | E | 10 | Midfielder | 160 |
| Netherlands | E | 13 | Defender | 192 |
| Netherlands | E | 7 | Forward | 203 |
| Netherlands | E | 9 | Forward | 218 |
| Netherlands | E | 21 | Forward | 224 |
| Netherlands | E | 1 | Goalkeeper | 265 |
| Netherlands | E | 22 | Goalkeeper | 293 |
| Netherlands | E | 16 | Goalkeeper | 293 |
| Netherlands | E | 3 | Defender | 319 |
| Netherlands | E | 8 | Midfielder | 334 |
| Netherlands | E | 19 | Forward | 353 |
| Netherlands | E | 12 | Defender | 362 |
| Italy | F | 8 | Midfielder | 9 |
| Italy | F | 22 | Midfielder | 18 |
| Italy | F | 15 | Midfielder | 19 |
| Italy | F | 1 | Goalkeeper | 28 |
| Italy | F | 18 | Forward | 31 |
| Italy | F | 12 | Goalkeeper | 38 |
| Italy | F | 2 | Defender | 42 |
| Italy | F | 19 | Defender | 50 |
| Italy | F | 14 | Goalkeeper | 85 |
| Italy | F | 23 | Defender | 121 |
| Italy | F | 21 | Midfielder | 139 |
| Italy | F | 11 | Forward | 186 |
| Italy | F | 6 | Midfielder | 205 |
| Italy | F | 20 | Forward | 214 |
| Italy | F | 4 | Defender | 226 |
| Italy | F | 7 | Forward | 242 |
| Italy | F | 5 | Defender | 256 |
| Italy | F | 17 | Midfielder | 268 |
| Italy | F | 16 | Midfielder | 277 |
| Italy | F | 10 | Forward | 286 |
| Italy | F | 9 | Forward | 325 |
| Italy | F | 13 | Defender | 334 |
| Italy | F | 3 | Defender | 364 |


| New Zealand | F | 15 | Midfielder | 7 |
| :---: | :---: | :---: | :---: | :---: |
| New Zealand | F | 3 | Defender | 12 |
| New Zealand | F | 16 | Midfielder | 15 |
| New Zealand | F | 12 | Goalkeeper | 19 |
| New Zealand | F | 2 | Defender | 34 |
| New Zealand | F | 8 | Midfielder | 65 |
| New Zealand | F | 14 | Forward | 79 |
| New Zealand | F | 17 | Defender | 83 |
| New Zealand | F | 19 | Defender | 90 |
| New Zealand | F | 21 | Midfielder | 142 |
| New Zealand | F | 7 | Midfielder | 161 |
| New Zealand | F | 23 | Goalkeeper | 181 |
| New Zealand | F | 4 | Defender | 184 |
| New Zealand | F | 5 | Defender | 246 |
| New Zealand | F | 18 | Defender | 261 |
| New Zealand | F | 9 | Forward | 272 |
| New Zealand | F | 22 | Midfielder | 280 |
| New Zealand | F | 10 | Forward | 281 |
| New Zealand | F | 6 | Defender | 291 |
| New Zealand | F | 20 | Forward | 341 |
| New Zealand | F | 1 | Goalkeeper | 347 |
| New Zealand | F | 11 | Midfielder | 354 |
| New Zealand | F | 13 | Midfielder | 358 |
| Paraguay | F | 22 | Goalkeeper | 20 |
| Paraguay | F | 14 | Defender | 32 |
| Paraguay | F | 3 | Defender | 33 |
| Paraguay | F | 13 | Midfielder | 69 |
| Paraguay | F | 15 | Midfielder | 84 |
| Paraguay | F | 7 | Forward | 140 |
| Paraguay | F | 17 | Defender | 167 |
| Paraguay | F | 1 | Goalkeeper | 181 |
| Paraguay | F | 8 | Midfielder | 196 |
| Paraguay | F | 12 | Goalkeeper | 197 |
| Paraguay | F | 2 | Defender | 207 |
| Paraguay | F | 21 | Defender | 211 |
| Paraguay | F | 9 | Forward | 228 |
| Paraguay | F | 4 | Defender | 241 |
| Paraguay | F | 6 | Midfielder | 275 |
| Paraguay | F | 5 | Defender | 278 |
| Paraguay | F | 20 | Midfielder | 280 |
| Paraguay | F | 16 | Midfielder | 289 |
| Paraguay | F | 11 | Midfielder | 292 |
| Paraguay | F | 10 | Forward | 312 |
| Paraguay | F | 19 | Forward | 317 |

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| Paraguay | F | 18 | Forward | 332 |
| :---: | :---: | :---: | :---: | :---: |
| Paraguay | F | 23 | Forward | 344 |
| Slovakia | F | 13 | Forward | 17 |
| Slovakia | F | 21 | Defender | 24 |
| Slovakia | F | 4 | Defender | 26 |
| Slovakia | F | 14 | Forward | 57 |
| Slovakia | F | 19 | Midfielder | 57 |
| Slovakia | F | 11 | Forward | 91 |
| Slovakia | F | 8 | Midfielder | 112 |
| Slovakia | F | 20 | Midfielder | 138 |
| Slovakia | F | 23 | Goalkeeper | 141 |
| Slovakia | F | 6 | Midfielder | 160 |
| Slovakia | F | 17 | Midfielder | 208 |
| Slovakia | F | 10 | Midfielder | 212 |
| Slovakia | F | 5 | Defender | 259 |
| Slovakia | F | 15 | Midfielder | 292 |
| Slovakia | F | 18 | Forward | 299 |
| Slovakia | F | 2 | Defender | 303 |
| Slovakia | F | 22 | Defender | 306 |
| Slovakia | F | 12 | Goalkeeper | 332 |
| Slovakia | F | 7 | Midfielder | 334 |
| Slovakia | F | 1 | Goalkeeper | 339 |
| Slovakia | F | 16 | Defender | 344 |
| Slovakia | F | 3 | Defender | 349 |
| Slovakia | F | 9 | Forward | 350 |
| Brazil | G | 11 | Forward | 25 |
| Brazil | G | 4 | Defender | 32 |
| Brazil | G | 14 | Defender | 44 |
| Brazil | G | 12 | Goalkeeper | 46 |
| Brazil | G | 18 | Midfielder | 83 |
| Brazil | G | 23 | Forward | 92 |
| Brazil | G | 10 | Midfielder | 112 |
| Brazil | G | 16 | Defender | 115 |
| Brazil | G | 13 | Defender | 126 |
| Brazil | G | 3 | Defender | 128 |
| Brazil | G | 7 | Midfielder | 165 |
| Brazil | G | 20 | Midfielder | 170 |
| Brazil | G | 21 | Forward | 195 |
| Brazil | G | 17 | Midfielder | 200 |
| Brazil | G | 2 | Defender | 207 |
| Brazil | G | 6 | Defender | 214 |
| Brazil | G | 5 | Midfielder | 238 |
| Brazil | G | 1 | Goalkeeper | 246 |
| Brazil | G | 15 | Defender | 265 |

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| Brazil | G | 19 | Midfielder | 274 |
| :---: | :---: | :---: | :---: | :---: |
| Brazil | G | 8 | Midfielder | 280 |
| Brazil | G | 22 | Goalkeeper | 295 |
| Brazil | G | 9 | Forward | 312 |
| Ivory Coast | G | 22 | Defender | 13 |
| Ivory Coast | G | 6 | Defender | 39 |
| Ivory Coast | G | 17 | Defender | 53 |
| Ivory Coast | G | 11 | Forward | 70 |
| Ivory Coast | G | 12 | Midfielder | 74 |
| Ivory Coast | G | 4 | Defender | 78 |
| Ivory Coast | G | 3 | Defender | 92 |
| Ivory Coast | G | 19 | Midfielder | 133 |
| Ivory Coast | G | 10 | Forward | 147 |
| Ivory Coast | G | 21 | Defender | 155 |
| Ivory Coast | G | 13 | Midfielder | 155 |
| Ivory Coast | G | 20 | Defender | 164 |
| Ivory Coast | G | 9 | Midfielder | 172 |
| Ivory Coast | G | 8 | Forward | 217 |
| Ivory Coast | G | 18 | Midfielder | 218 |
| Ivory Coast | G | 23 | Goalkeeper | 317 |
| Ivory Coast | G | 15 | Forward | 330 |
| Ivory Coast | G | 2 | Defender | 332 |
| Ivory Coast | G | 5 | Midfielder | 348 |
| Ivory Coast | G | 16 | Goalkeeper | 364 |
| Ivory Coast | G | 1 | Goalkeeper | 364 |
| Ivory Coast | G | 14 | Midfielder | 365 |
| Ivory Coast | G | 7 | Forward | 365 |
| North Korea | G | 12 | Forward | 40 |
| North Korea | G | 19 | Midfielder | 49 |
| North Korea | G | 9 | Forward | 61 |
| North Korea | G | 16 | Defender | 127 |
| North Korea | G | 10 | Forward | 142 |
| North Korea | G | 23 | Defender | 150 |
| North Korea | G | 7 | Forward | 178 |
| North Korea | G | 4 | Midfielder | 183 |
| North Korea | G | 20 | Goalkeeper | 196 |
| North Korea | G | 15 | Midfielder | 200 |
| North Korea | G | 21 | Defender | 229 |
| North Korea | G | 3 | Defender | 236 |
| North Korea | G | 5 | Defender | 247 |
| North Korea | G | 13 | Defender | 248 |
| North Korea | G | 1 | Goalkeeper | 252 |
| North Korea | G | 2 | Defender | 268 |
| North Korea | G | 11 | Midfielder | 272 |


| North Korea | G | 14 | Defender | 276 |
| :---: | :---: | :---: | :---: | :---: |
| North Korea | G | 6 | Forward | 283 |
| North Korea | G | 18 | Goalkeeper | 289 |
| North Korea | G | 17 | Midfielder | 298 |
| North Korea | G | 8 | Midfielder | 324 |
| North Korea | G | 22 | Midfielder | 345 |
| Portugal | G | 13 | Defender | 4 |
| Portugal | G | 3 | Defender | 18 |
| Portugal | G | 17 | Midfielder | 27 |
| Portugal | G | 7 | Forward | 36 |
| Portugal | G | 8 | Midfielder | 57 |
| Portugal | G | 15 | Midfielder | 57 |
| Portugal | G | 23 | Defender | 70 |
| Portugal | G | 16 | Midfielder | 76 |
| Portugal | G | 12 | Goalkeeper | 121 |
| Portugal | G | 19 | Midfielder | 122 |
| Portugal | G | 14 | Midfielder | 131 |
| Portugal | G | 21 | Defender | 136 |
| Portugal | G | 6 | Defender | 138 |
| Portugal | G | 18 | Forward | 143 |
| Portugal | G | 5 | Defender | 178 |
| Portugal | G | 10 | Forward | 219 |
| Portugal | G | 20 | Midfielder | 239 |
| Portugal | G | 4 | Defender | 243 |
| Portugal | G | 1 | Goalkeeper | 262 |
| Portugal | G | 22 | Goalkeeper | 268 |
| Portugal | G | 11 | Midfielder | 303 |
| Portugal | G | 2 | Defender | 331 |
| Portugal | G | 9 | Forward | 351 |
| Chile | H | 16 | Forward | 27 |
| Chile | H | 6 | Midfielder | 52 |
| Chile | H | 19 | Midfielder | 80 |
| Chile | H | 1 | Goalkeeper | 103 |
| Chile | H | 9 | Forward | 130 |
| Chile | H | 14 | Midfielder | 135 |
| Chile | H | 23 | Goalkeeper | 138 |
| Chile | H | 8 | Defender | 142 |
| Chile | H | 13 | Midfielder | 148 |
| Chile | H | 15 | Midfielder | 152 |
| Chile | H | 4 | Defender | 163 |
| Chile | H | 12 | Goalkeeper | 185 |
| Chile | H | 11 | Midfielder | 191 |
| Chile | H | 22 | Forward | 213 |
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| Chile | H | 18 | Defender | 241 |
| Chile | H | 5 | Defender | 254 |
| Chile | H | 21 | Midfielder | 287 |
| Chile | H | 10 | Forward | 292 |
| Chile | H | 20 | Midfielder | 307 |
| Chile | H | 3 | Defender | 338 |
| Chile | H | 7 | Forward | 353 |
| Honduras | H | 17 | Midfielder | 18 |
| Honduras | H | 22 | Goalkeeper | 34 |
| Honduras | H | 6 | Midfielder | 54 |
| Honduras | H | 12 | Forward | 68 |
| Honduras | H | 15 | Forward | 83 |
| Honduras | H | 3 | Defender | 122 |
| Honduras | H | 20 | Midfielder | 122 |
| Honduras | H | 18 | Goalkeeper | 123 |
| Honduras | H | 19 | Midfielder | 128 |
| Honduras | H | 21 | Defender | 130 |
| Honduras | H | 23 | Defender | 143 |
| Honduras | H | 5 | Defender | 144 |
| Honduras | H | 1 | Goalkeeper | 150 |
| Honduras | H | 8 | Midfielder | 210 |
| Honduras | H | 2 | Defender | 210 |
| Honduras | H | 14 | Defender | 247 |
| Honduras | H | 9 | Forward | 282 |
| Honduras | H | 13 | Midfielder | 298 |
| Honduras | H | 10 | Forward | 305 |
| Honduras | H | 11 | Forward | 309 |
| Honduras | H | 16 | Defender | 315 |
| Honduras | H | 7 | Midfielder | 318 |
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| Spain | H | 12 | Goalkeeper | 14 |
| Spain | H | 17 | Defender | 17 |
| Spain | H | 8 | Midfielder | 25 |
| Spain | H | 3 | Defender | 33 |
| Spain | H | 11 | Defender | 34 |
| Spain | H | 19 | Forward | 57 |
| Spain | H | 9 | Forward | 79 |
| Spain | H | 15 | Defender | 89 |
| Spain | H | 5 | Defender | 103 |
| Spain | H | 13 | Midfielder | 118 |
| Spain | H | 10 | Midfielder | 124 |
| Spain | H | 6 | Midfielder | 131 |

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| Spain | H | 18 | Midfielder | 209 |
| Spain | H | 4 | Defender | 212 |
| Spain | H | 23 | Goalkeeper | 243 |
| Spain | H | 20 | Midfielder | 245 |
| Spain | H | 2 | Defender | 247 |
| Spain | H | 22 | Midfielder | 325 |
| Spain | H | 14 | Midfielder | 329 |
| Spain | H | 7 | Forward | 337 |
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| Switzerland | H | 17 | Defender | 16 |
| Switzerland | H | 22 | Defender | 24 |
| Switzerland | H | 4 | Defender | 45 |
| Switzerland | H | 15 | Midfielder | 53 |
| Switzerland | H | 20 | Midfielder | 68 |
| Switzerland | H | 13 | Defender | 89 |
| Switzerland | H | 11 | Midfielder | 109 |
| Switzerland | H | 3 | Defender | 110 |
| Switzerland | H | 7 | Midfielder | 142 |
| Switzerland | H | 10 | Forward | 145 |
| Switzerland | H | 5 | Defender | 161 |
| Switzerland | H | 19 | Forward | 163 |
| Switzerland | H | 8 | Midfielder | 178 |
| Switzerland | H | 21 | Goalkeeper | 181 |
| Switzerland | H | 6 | Midfielder | 188 |
| Switzerland | H | 9 | Forward | 196 |
| Switzerland | H | 12 | Goalkeeper | 234 |
| Switzerland | H | 16 | Midfielder | 245 |
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| Switzerland | H | 18 | Forward | 333 |
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