

## Forces of Supply and Demand in a Soccer Player Market

### Lesson by

Sherilyn Narker, senior economic and financial education specialist, Federal Reserve Bank of Atlanta  
(This lesson was originally produced for the Economics of Sports workshop developed by Mike Raymer and the Georgia Council on Economic Education [GCEE]. This updated version is published with permission of GCEE.)

### Updated with 2015 data by

Erin Yetter, senior economic education specialist, Federal Reserve Bank of St. Louis, Louisville Branch

### Lesson description

In this lesson, students will participate in an interactive market simulation. The market simulated is the labor market for professional soccer players in Europe. Students will play either the role of a team wishing to contract a player or a player looking for a team. The salary data generated from the simulation help students construct supply and demand curves in the market for players. Students will then discuss factors that could affect the market for professional players.

### Concepts

Market	Labor market
Supply	Quantity supplied
Demand	Quantity demanded
Equilibrium salary	

### Objectives

The student will be able to:

1. Define supply, demand, equilibrium price, market, and labor market.
2. Identify buyers and sellers in a simulated labor market.
3. Explain the role of economics in professional sports.
4. Graph a supply curve and a demand curve from simulation data.
5. Explain how a wage (price) acts as an incentive in a market.
6. Evaluate the extent to which a variety of factors impact wages in the market for professional soccer players in Europe.



## Related content

Economics

## Time required

90 minutes

## Materials

Visual 1: "What Does This List Represent?"

Visual 2: "Record of Player Contracts"

Visual 3: "Supply Schedule"

Visual 4: "European Soccer Player Market Graph"

Visual 5: "Demand Schedule"

Handout 1: "Team Cards" (one copy, cut apart and ready to be distributed)

Handout 2: "Player Information" (one per student)

Handout 3: "Player Cards" (one copy, each card cut apart and ready to be distributed)

Handout 4: "Team Information for Players" (one copy, cut apart and ready to be distributed to team representatives)

Handout 5: "Supply and Demand Schedules" (one per student)

Handout 6: "Graph" (one per student)

Method for displaying visuals

Note to instructor: The information in this lesson uses 2015 to 2016 season data. It is important to emphasize to the students the market is always changing and some players may have changed salaries or teams. The lesson can be used with the data provided even if it is no longer accurate. If you have students who are aware of the changes, discuss the conditions that caused the players to move and emphasize the role incentives played. If you are uncomfortable using the cards when they become inaccurate, please feel free to use the same data with fictional player names.

## Procedures

1. Begin the lesson by displaying Visual 1: "What Does This List Represent?," Set 1. Ask the students what they think the list represents and how the words on the list are related. When the correct answer is given, or after a few minutes of guessing, display the label for Set 1 and the values of each team. Ask students whether or not they were surprised by the top five teams on the list. Allow them to discuss for a minute or two.



2. Now display Visual 1: “What Does This List Represent?,” Set 2. Ask the students what they think the new list represents and how the words on the list are related. When the correct answer is given, or after a few minutes of guessing, display the label for Set 2 and the average annual salary of each team. Ask students whether or not they were surprised by the top five teams on the list. Allow them to discuss for a minute or two.
3. Ask the students to identify the most common characteristic on both lists. The students will most likely answer with one of the following: “Real Madrid is second on both lists” or “Soccer teams top both lists.”
4. Tell students that although soccer is not the main sport in the United States, it is the world’s most popular sport to watch and to play. European soccer stars regularly top the charts as the world’s most popular sports stars. Soccer is also the fastest-growing team sport in the United States. Tell students that it is with this in mind that the day’s lesson will use information about the European soccer player market to learn about supply and demand.
5. Tell the students they will be divided into two groups. Twenty students will play the role of players. The remaining students will be representatives from six different professional soccer teams. If there are more than 26 students in the class, divide the remaining students evenly among the teams. If teams have more than one representative, they will be able to carry on more negotiations with players during the simulation.
6. Distribute Handout 1: “Team Cards” and Handout 2: “Player Information” to the team representatives. Be sure to point out the salary range and the maximum increase in salaries the team has established. Emphasize students cannot spend more than the amount listed on their card. Also, point out that they can use these funds to hire one player or several players. Their goal is to hire the best possible players at the best possible wage. Advise the team representatives to keep their salary maximum private during their negotiations with players. Tell them Handout 3 will give them a general overview of each player’s strengths and weaknesses. Give students time to read the information before beginning the simulation.
7. Distribute Handout 3: “Player Cards” to each of the 20 students in the player group. The players should also receive a copy of Handout 2: “Player Information” and Handout 4: “Team Information for Players.” Give the players time to read the information about themselves, the other players in the market, and the teams. Tell the players their goal is to negotiate a higher salary than their current salary. They should write their desired salary on their card.
8. Display Visual 2: “Record of Player Contracts.” When students have finished reading their documents, tell them they are about to begin the simulation. Instruct the students to move around the room. Team representatives will call out the positions for which they are most interested in hiring. Players can call out their position and/or the salary they are willing to accept. As each team and player contract with each other, they will record the deal on their cards. Once hired, the player should go to the digital whiteboard and record the team and salary they chose on Visual 2. They should then have a seat and wait for the rest of the players to complete their negotiations.



9. Allow the negotiations to continue until there seems to be a slowing of activity. Tell students the market will be closing in two minutes. After two minutes, tell students to record their deal and have a seat. If any players were unable to negotiate a better salary, tell them to go to the salary chart and list their current team and salary.
10. Tell players to calculate the percent change in their salaries. They should use the following formula:  $[(\text{New Salary} - \text{Old Salary}) / \text{Old Salary}] \times 100$ . Award a small prize to the player who negotiated the highest salary increase and a small prize to the player who negotiated the highest overall salary.
11. Ask the team representatives to calculate how much money (if any) they retained after hiring their players. Give a small prize to any team that was able to secure both of their desired players and had funds remaining.
12. Ask the students to share what factors seemed to influence their success or failure in the market. List these factors on the board as they share. Ask the students to discuss the similarities and differences they would expect between their classroom market for players and the real market for players.
13. Distribute Handout 5: "Supply and Demand Schedules" and Handout 6: "Graph." Students can fill in the supply and demand schedules and graph the schedules. Tell students they will now use their classroom market data to create supply and demand curves for the soccer player market.
14. Display Visual 3: "Supply Schedule." Beginning with the lowest wage negotiated, enter the supply curve information. Explain to students that the lowest-wage player was willing to offer his or her service very cheaply and becomes the first point on the supply curve. Enter the next lowest salary in the wage column. Tell the students that there are now TWO players willing to offer their services at the second wage. Since the first player was willing to accept the lower wage, it is logical to assume that player would also play for the higher wage. Explain that the number of players willing and able to supply their services at a particular wage is the quantity supplied. Continue this process until all 20 players have been added to the supply schedule. Have the students graph the supply schedule on their graph paper while you graph it on Visual 4: "European Soccer Player Market Graph."
15. Display Visual 5: "Demand Schedule." Beginning with the highest wage negotiated, enter the demand curve information. Explain to the students that only one team was willing to offer a very high wage for this player and becomes the first point on the demand curve. Enter the next highest salary in the wage column. Tell the students that there are now TWO teams willing to offer pay the second wage. Since the first team was willing to pay the higher wage, it is logical to assume this team would also demand the player at the second wage because it is lower than what it had to pay. Explain that the number of players teams are willing and able to demand at a particular wage is the quantity demanded. Continue this process until all 20 players have been added to the demand schedule. Have the students graph the demand schedule on their graph paper while you graph it on Visual 4: "European Soccer Player Market Graph."

16. After you and the students have graphed the demand and supply schedules, indicate the point at which the two lines cross. Ask the students what is special about this point. The students should respond that this point is where the quantity of players demanded is equal to the quantity of players supplied. (Be sure to correct their answer if they say supply equals demand. Explain that supply and demand refer to the whole curves, not just a point on the curve.) Tell students this point of intersection is known as equilibrium wage (or equilibrium price in a product market). It is the wage at which everyone who wants to work can find a position and everyone who wants to hire can find a player.
  
17. In conclusion, ask the students to write a five-sentence response on an exit card to the following prompt: What factors might influence a player's willingness and ability to supply his or her services at a particular wage and what factors might influence a team's willingness and ability to demand a player at a particular wage?

Sources: [www.espnfc.com](http://www.espnfc.com), [www.whoscored.com](http://www.whoscored.com), <http://bleacherreport.com/articles/1660422-europes-50-best-footballers-of-the-season/page/25>, <http://www.xe.com/currencyconverter/>



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## Visual 1: What Does This List Represent?

### Set 1

Real Madrid

Dallas Cowboys

New York Yankees

Barcelona

Manchester United

### Set 1

## Top Five Highest-Valued Sports Teams in the World (2015)

Real Madrid \$3.26 billion

Dallas Cowboys \$3.20 billion

New York Yankees \$3.20 billion

Barcelona \$3.16 billion

Manchester United \$3.10 billion

Forbes 2015



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## Visual 1: What Does This List Represent? (Continued)

### Set 2

Paris Saint-Germain

Real Madrid

Manchester City

Barcelona

Los Angeles Dodgers

### Set 2

## Top Five Teams with the Highest Average Annual Player Salaries in the World (2015)

Paris Saint-Germain \$9,083,993

Real Madrid \$8,641,385

Manchester City \$8,597,844

Barcelona \$8,083,518

Los Angeles Dodgers \$8,023,207

Global Sports Salary Survey 2015



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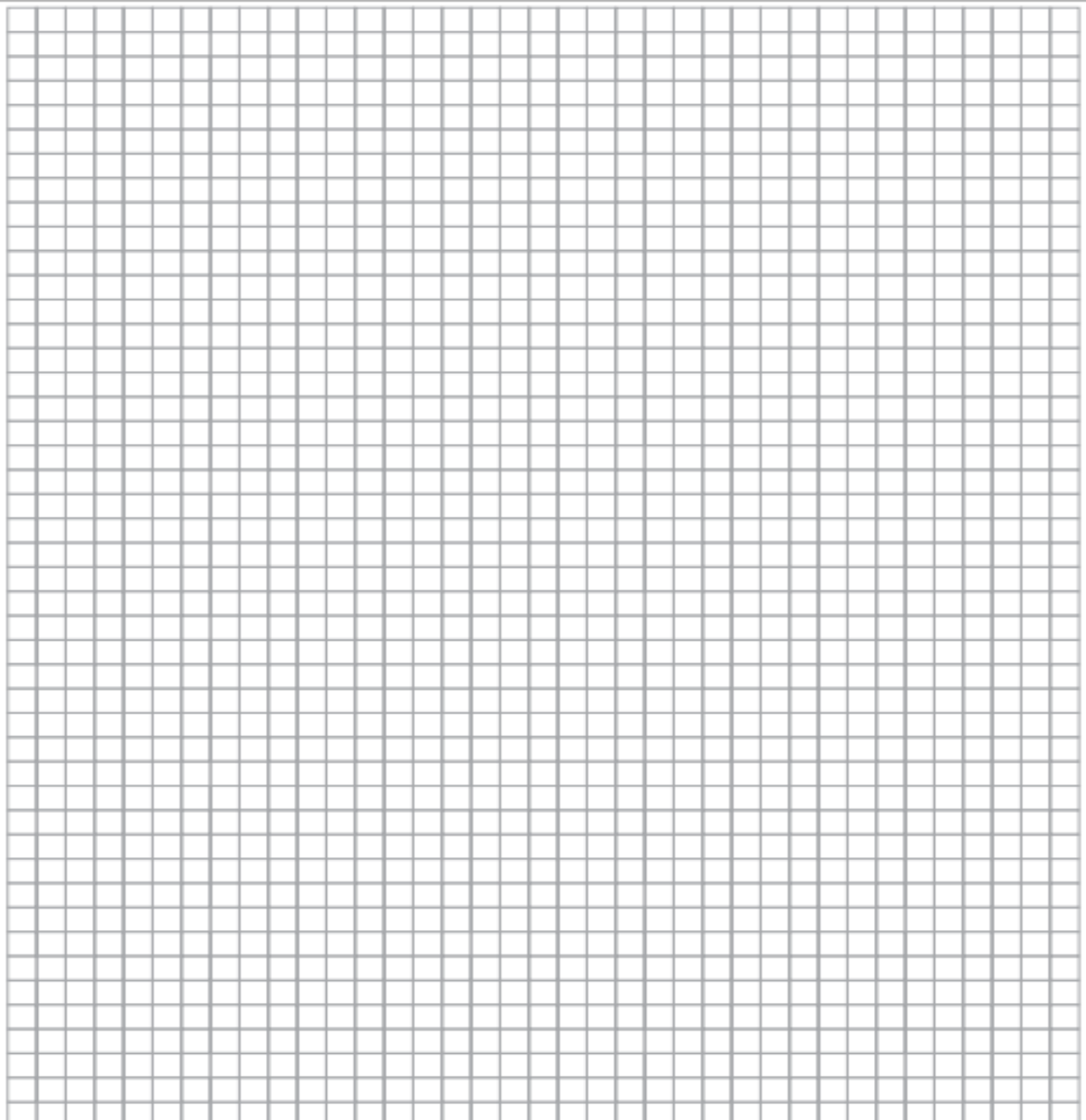
## Visual 2: Record of Player Contracts

Player Name	Team Name	Salary
1. Maxime Gonalons		
2. Fernando Reges		
3. Michael Carrick		
4. Sergio Ramos		
5. Paul Pogba		
6. Bastian Schweinsteiger		
7. Gareth Bale		
8. Zlatan Ibrahimovic		
9. Juan Mata		
10. James Rodriguez		
11. Leo Messi		
12. Cristiano Ronaldo		
13. Roberto Firmino		
14. Andres Iniesta		
15. Phillip Lahm		
16. Manuel Neuer		
17. David De Gea		
18. Tim Howard		
19. Clint Dempsey		
20. Geoff Cameron		





## Visual 4: European Soccer Player Market Graph







## Handout 1: Team Cards

### TEAM CARD

#### Real Madrid (Spain)

**Average Player Salary for Team:** \$8,597,844  
**Average Player Salary for League:** \$1,857,36920  
**Player Types Needed:** Goalkeeper/Midfielder  
**Current Salary Range:** \$510,466.88 to \$21,695,731.20  
**Max Increase in Salary Spending:** \$26,244,136.08  
**Club Financial Info:**

Current Value	Percent Change in Value since Last Year	Club Debt as a Percent of Overall Club Value	Annual Revenue	Annual Operating Income
\$3.645 billion	+12%	3%	\$694 million	\$162 million

Player Signed	Position	Annual Salary

Based on 2015–16 data

### TEAM CARD

#### Bayern Munich (Germany)

**Average Player Salary for Team:** \$7,660,968  
**Average Player Salary for League:** \$2,289,359  
**Player Types Needed:** Striker/Defender  
**Current Salary Range:** \$58,938.10 to \$9,420,736.00  
**Max Increase in Salary Spending:** \$60,650,000.00  
**Club Financial Info:**

Current Value	Percent Change in Value since Last Year	Club Debt as a Percent of Overall Club Value	Annual Revenue	Annual Operating Income
\$2.678 billion	+14%	0%	\$570 million	\$60 million

Player Signed	Position	Annual Salary

Based on 2015–16 data



## Handout 1: Team Cards (Continued)

### TEAM CARD

#### Juventus (Italy)

**Average Player Salary for Team:** \$4,695,476  
**Average Player Salary for League:** \$3,350,430  
**Player Types Needed:** Striker/Defender  
**Current Salary Range:** \$786,000 to \$7,873,240.82  
**Max Increase in Salary Spending:** \$13,059,823.90  
**Club Financial Info:**

Current Value	Percent Change in Value since Last Year	Club Debt as a Percent of Overall Club Value	Annual Revenue	Annual Operating Income
\$1.299 billion	+55%	4%	\$390 million	\$81 million

Player Signed	Position	Annual Salary

Based on 2015–16 data

### TEAM CARD

#### Paris Saint-Germain (France)

**Average Player Salary for Team:** \$9,083,993  
**Average Player Salary for League:** \$1,492,741  
**Player Types Needed:** Defender/Forward  
**Current Salary Range:** \$1,476,384.00 to \$15,503,124.00  
**Max Increase in Salary Spending:** \$36,900,000  
**Club Financial Info:**

Current Value	Percent Change in Value since Last Year	Club Debt as a Percent of Overall Club Value	Annual Revenue	Annual Operating Income
\$814 million	28%	0%	\$588 million	\$1 million

Player Signed	Position	Annual Salary

Based on 2015–16 data



## Handout 1: Team Cards (Continued)

### TEAM CARD

#### AC Milan (Italy)

**Average Player Salary for Team:** \$4,085,126  
**Average Player Salary for League:** \$1,735,173  
**Player Types Needed:** Goalkeeper/Defender  
**Current Salary Range:** \$176,000 to \$8,800,000.00  
**Max Increase in Salary Spending:** \$46,500,000.00  
**Club Financial Info:**

Current Value	Percent Change in Value since Last Year	Club Debt as a Percent of Overall Club Value	Annual Revenue	Annual Operating Income
\$825 million	+6%	32%	\$240 million	-\$29 million

Player Signed	Position	Annual Salary

Based on 2015–16 data

### TEAM CARD

#### Newcastle (England)

**Average Player Salary for Team:** \$2,872,633  
**Average Player Salary for League:** \$3,822,003  
**Player Types Needed:** Midfielder/Forward  
**Current Salary Range:** \$322,888 to \$6,458,000  
**Max Increase in Salary Spending:** \$34,000,000  
**Club Financial Info:**

Current Value	Percent Change in Value since Last Year	Club Debt as a Percent of Overall Club Value	Annual Revenue	Annual Operating Income
\$383 million	+10%	0%	\$204 million	\$68 million

Player Signed	Position	Annual Salary

Based on 2015–16 data



## Handout 2: Player Information

**Maxime Gonalons**, 27, midfielder  
Strengths: passing; wins ball in the air; clean tackles; ball interception  
Weaknesses: commits needless fouls; speed; free kicks

**Fernando Reges**, 28, midfielder  
Strengths: on-field composure; pace of play; marking opponents; aerial ability; ball control  
Weaknesses: passing

**Michael Carrick**, 34, midfielder  
Strengths: ball distribution; powerful shot; equally skilled with both feet; can play defensive or attacking midfield  
Weaknesses: on-target shots; unreliable performance, age

**Sergio Ramos Garcia**, 30, defender  
Strengths: versatility on the field; endurance; sustained attacking; finishing during set pieces  
Weaknesses: on-field composure (gets red carded); difficulty refocusing after an attack

**Roberto Firmino**, 24, forward  
Strengths: excellent forward and goal scorer; great crossing; free-kick specialist  
Weaknesses: struggles defending; has issues when confidence is knocked

**Bastian Schweinsteiger**, 31, midfielder  
Strengths: pace of play; on-target shooting from right, left, and center; set pieces  
Weaknesses: on-field composure

**Gareth Bale**, 26, attacking midfielder  
Strengths: on-target shots; free kicks; crossing the ball for assists  
Weaknesses: defense

**Zlatan Ibrahimovic**, 34, forward  
Strengths: ball control; on-target shooting; agility  
Weaknesses: inconsistent focus; on-field composure

**Juan Mata**, 28, midfielder  
Strengths: key passes; free kicks; speed; assists; set pieces  
Weakness: inconsistent focus; defense; tackles

**James Rodriguez**, 24, midfielder  
Strengths: key passes; passing; finishing; free kicks  
Weaknesses: headers; aerial challenges

**Phillip Lahm**, 32, defender  
Strengths: ball control; passing; consistent focus  
Weaknesses: plays the ball long too often; weak tackles

**Leo Messi**, 27, forward  
Strengths: one of the top players in the world; ball control; speed; avoiding defenders  
Weaknesses: shoots when he should pass to teammates

**Cristiano Ronaldo**, 31, forward  
Strengths: one of the top players in the world; pace of play; on target shooting; crosses; ball control  
Weaknesses: falls down too easily and too much; does tricks when he can easily just pass the ball

**Manuel Neuer**, 31, goalkeeper  
Strengths: Shot stopping (Reflexes), Saving close range shots, Saving long shots, Concentration  
Weaknesses: no significant weaknesses other than age

**Andres Iniesta**, 32, midfielder  
Strengths: technique; passing; endurance; consistency; ball control; on-field composure; intelligence  
Weaknesses: size; strength

**Paul Pogba**, 23, midfielder  
Strengths: long shots; dribbling; aerial duels; key passes; concentration  
Weaknesses: passing ability

**David De Gea**, 25, goalkeeper  
Strengths: consistently makes both easy and very difficult saves; experience at many levels of play  
Weaknesses: misses shots taken from long range; weak physical strength against opponents in the box

**Tim Howard**, 37, goalkeeper  
Strengths: shot stops; blocking close-range shots  
Weaknesses: comes off his line; age; long passes; discipline

**Clint Dempsey**, 33, forward  
Strengths: ball control; passing; setting up shots for teammates  
Weaknesses: physical strength, age

**Geoff Cameron**, 30, defender  
Strengths: tackles; winning the ball in the air; on-field focus; ball control  
Weaknesses: sends too many long balls in the air; tackles too often; dribbles too long and loses the ball



### Handout 3: Player Cards

**PLAYER CARD**

**Maxime Gonalons**

**Age:** 27  
**Position:** Defensive Midfielder  
**Team:** Olympique Lyonnais (France)  
**Salary:** \$ 5,546,667  
**Stats:**

Appearances	Goals	Assists
32	0	0

**New Salary Desired:** \_\_\_\_\_ **New Salary Accepted:** \_\_\_\_\_  
**Team:** \_\_\_\_\_ **Percent Change:** \_\_\_\_\_

Based on 2015–16 data

**PLAYER CARD**

**Fernando (Francisco) Reges**

**Age:** 28  
**Position:** Defensive Midfielder  
**Team:** Manchester City (England)  
**Salary:** \$ 2,860,000  
**Stats:**

Appearances	Goals	Assists
24	2	0

**New Salary Desired:** \_\_\_\_\_ **New Salary Accepted:** \_\_\_\_\_  
**Team:** \_\_\_\_\_ **Percent Change:** \_\_\_\_\_

Based on 2015–16 data

**PLAYER CARD**

**Michael Carrick**

**Age:** 34  
**Position:** Central Midfielder  
**Team:** Manchester United (England)  
**Salary:** \$ 6,110,894.40  
**Stats:**

Appearances	Goals	Assists
28	0	0

**New Salary Desired:** \_\_\_\_\_ **New Salary Accepted:** \_\_\_\_\_  
**Team:** \_\_\_\_\_ **Percent Change:** \_\_\_\_\_

Based on 2015–16 data

**PLAYER CARD**

**Sergio Ramos Garcia**

**Age:** 28  
**Position:** Defender  
**Team:** Real Madrid (Spain)  
**Salary:** \$ 12,870,000  
**Stats:**

Appearances	Goals	Assists
33	3	0

**New Salary Desired:** \_\_\_\_\_ **New Salary Accepted:** \_\_\_\_\_  
**Team:** \_\_\_\_\_ **Percent Change:** \_\_\_\_\_

Based on 2015–16 data

**PLAYER CARD**

**Roberto Firmino**

**Age:** 24  
**Position:** Forward  
**Team:** Liverpool (England)  
**Salary:** \$7,637,916.00  
**Stats:**

Appearances	Goals	Assists
31	10	7

**New Salary Desired:** \_\_\_\_\_ **New Salary Accepted:** \_\_\_\_\_  
**Team:** \_\_\_\_\_ **Percent Change:** \_\_\_\_\_

Based on 2015–16 data

**PLAYER CARD**

**Bastian Schweinsteiger**

**Age:** 31  
**Position:** Midfielder  
**Team:** Manchester United (England)  
**Salary:** \$20,982,318.50  
**Stats:**

Appearances	Goals	Assists
96	13	13

**New Salary Desired:** \_\_\_\_\_ **New Salary Accepted:** \_\_\_\_\_  
**Team:** \_\_\_\_\_ **Percent Change:** \_\_\_\_\_

Based on 2015–16 data





## Handout 3: Player Cards (Continued)

### PLAYER CARD

#### Gareth Bale

Age: 26  
 Position: Attacking Midfielder  
 Team: Real Madrid (Spain)  
 Salary: \$24.9 million

Stats:

Appearances	Goals	Assists
38	20	13

New Salary Desired: \_\_\_\_\_ New Salary Accepted: \_\_\_\_\_  
 Team: \_\_\_\_\_ Percent Change: \_\_\_\_\_

Based on 2015–16 data

### PLAYER CARD

#### Zlatan Ibrahimovic

Age: 34  
 Position: Forward  
 Team: Paris Saint-Germain (France)  
 Salary: \$36.4 million

Stats:

Appearances	Goals	Assists
31	38	13

New Salary Desired: \_\_\_\_\_ New Salary Accepted: \_\_\_\_\_  
 Team: \_\_\_\_\_ Percent Change: \_\_\_\_\_

Based on 2015–16 data

### PLAYER CARD

#### Juan Mata

Age: 28  
 Position: Attacking Midfielder  
 Team: Manchester United (England)  
 Salary: \$11.5 million

Stats:

Appearances	Goals	Assists
38	6	35

New Salary Desired: \_\_\_\_\_ New Salary Accepted: \_\_\_\_\_  
 Team: \_\_\_\_\_ Percent Change: \_\_\_\_\_

Based on 2015–16 data

### PLAYER CARD

#### James Rodriguez

Age: 24  
 Position: Midfielder  
 Team: Real Madrid (Spain)  
 Salary: \$21.4 million

Stats:

Appearances	Goals	Assists
32	8	10

New Salary Desired: \_\_\_\_\_ New Salary Accepted: \_\_\_\_\_  
 Team: \_\_\_\_\_ Percent Change: \_\_\_\_\_

Based on 2015–16 data

### PLAYER CARD

#### Leo Messi

Age: 29  
 Position: Forward  
 Team: Barcelona (Spain)  
 Salary: \$48.5 million

Stats:

Appearances	Goals	Assists
48	41	21

New Salary Desired: \_\_\_\_\_ New Salary Accepted: \_\_\_\_\_  
 Team: \_\_\_\_\_ Percent Change: \_\_\_\_\_

Based on 2015–16 data

### PLAYER CARD

#### Cristiano Ronaldo

Age: 31  
 Position: Forward  
 Team: Real Madrid (Spain)  
 Salary: \$52.2 million

Stats:

Appearances	Goals	Assists
47	51	15

New Salary Desired: \_\_\_\_\_ New Salary Accepted: \_\_\_\_\_  
 Team: \_\_\_\_\_ Percent Change: \_\_\_\_\_

Based on 2015–16 data



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## Handout 3: Player Cards (Continued)

### PLAYER CARD

#### Manuel Neuer

Age: 31  
Position: Goalkeeper  
Team: Bayern Munich (Germany)  
Salary: \$7,600,000  
Stats:

Appearances	Saves
41	51

New Salary Desired: \_\_\_\_\_ New Salary Accepted: \_\_\_\_\_  
Team: \_\_\_\_\_ Percent Change: \_\_\_\_\_

Based on 2015–16 data

### PLAYER CARD

#### Andres Iniesta

Age: 32  
Position: Midfielder  
Team: Barcelona (Spain)  
Salary: \$8,795,670  
Stats:

Appearances	Goals	Assists
43	1	4

New Salary Desired: \_\_\_\_\_ New Salary Accepted: \_\_\_\_\_  
Team: \_\_\_\_\_ Percent Change: \_\_\_\_\_

Based on 2015–16 data

### PLAYER CARD

#### Phillip Lahm

Age: 30  
Position: Defender  
Team: Bayern Munich (Germany)  
Salary: \$9,384,128  
Stats:

Appearances	Goals	Assists
26	1	1

New Salary Desired: \_\_\_\_\_ New Salary Accepted: \_\_\_\_\_  
Team: \_\_\_\_\_ Percent Change: \_\_\_\_\_

Based on 2015–16 data

### PLAYER CARD

#### Paul Pogba

Age: 23  
Position: Midfielder  
Team: Manchester United (England)  
Salary: \$5,072,805  
Stats:

Appearances	Goals	Assists
35	8	13

New Salary Desired: \_\_\_\_\_ New Salary Accepted: \_\_\_\_\_  
Team: \_\_\_\_\_ Percent Change: \_\_\_\_\_

Based on 2015–16 data

### PLAYER CARD

#### David De Gea

Age: 25  
Position: Goalkeeper  
Team: Manchester United (England)  
Salary: \$15,275,624  
Stats:

Appearances	Saves
34	80

New Salary Desired: \_\_\_\_\_ New Salary Accepted: \_\_\_\_\_  
Team: \_\_\_\_\_ Percent Change: \_\_\_\_\_

Based on 2015–16 data

### PLAYER CARD

#### Tim Howard

Age: 37  
Position: Goalkeeper  
Team: Colorado Rapids (USA)  
Salary: \$2.6 million  
Stats:

Appearances	Saves
37	52

New Salary Desired: \_\_\_\_\_ New Salary Accepted: \_\_\_\_\_  
Team: \_\_\_\_\_ Percent Change: \_\_\_\_\_

Based on 2015–16 data



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## Handout 3: Player Cards (Continued)

### PLAYER CARD

#### Clint Dempsey

Age: 33  
 Position: Forward  
 Team: Seattle Sounders (USA)  
 Salary: \$3,913,008  
 Stats:

Appearances	Goals	Assists
30	12	10

New Salary Desired: \_\_\_\_\_ New Salary Accepted: \_\_\_\_\_  
 Team: \_\_\_\_\_ Percent Change: \_\_\_\_\_

Based on 2015–16 data

### PLAYER CARD

#### Geoff Cameron

Age: 29  
 Position: Defender  
 Team: Stoke City (England)  
 Salary: \$897,253  
 Stats:

Appearances	Goals	Assists
30	0	0

New Salary Desired: \_\_\_\_\_ New Salary Accepted: \_\_\_\_\_  
 Team: \_\_\_\_\_ Percent Change: \_\_\_\_\_

Based on 2015–16 data

## Handout 4: Team Information for Players (from [www.whoscored.com](http://www.whoscored.com))

<p><b>Real Madrid</b> Location: Madrid, Spain</p> <p><b>League Rank:</b> 2 <b>League Record (39 games):</b> 26W-5L-7D <b>Average Player Salary for Team:</b> \$7,796,637</p> <p>Real Madrid Characteristics</p> <table border="0"> <thead> <tr> <th>+ Strengths</th> <th>- Weaknesses</th> </tr> </thead> <tbody> <tr> <td>✖ Finishing scoring chances <b>Very Strong</b></td> <td>⚠ Protecting the lead <b>Weak</b></td> </tr> <tr> <td>✖ Attacking set pieces <b>Very Strong</b></td> <td>⚠ Stopping opponents from creating chances <b>Weak</b></td> </tr> <tr> <td>✖ Counter attacks <b>Very Strong</b></td> <td>✖ Avoiding offside <b>Very Weak</b></td> </tr> <tr> <td>✖ Creating long shot opportunities <b>Very Strong</b></td> <td></td> </tr> <tr> <td>✖ Creating chances using through balls <b>Very Strong</b></td> <td></td> </tr> <tr> <td>✖ Creating scoring chances <b>Very Strong</b></td> <td></td> </tr> <tr> <td>✖ Shooting from direct free kicks <b>Very Strong</b></td> <td></td> </tr> <tr> <td>✖ Coming back from losing <u>positions</u> <b>Strong</b></td> <td></td> </tr> <tr> <td>⚡ <u>Aerial</u> duels <b>Strong</b></td> <td></td> </tr> </tbody> </table> <p><b>Real Madrid Style</b></p> <ul style="list-style-type: none"> <li>✖ Attempt through balls often</li> <li>✖ Attack through the middle</li> <li>✖ Control the game in the opposition's half</li> <li>✖ Short passes</li> <li>✖ Possession football</li> <li>✖ Take a lot of shots</li> <li>⚠ Rotate their first eleven</li> <li>⚠ Opponents play aggressively against them</li> <li>⚠ Non-aggressive</li> </ul> <p><small>* Strengths, weaknesses and styles are calculated from team's current domestic season statistics.</small></p>	+ Strengths	- Weaknesses	✖ Finishing scoring chances <b>Very Strong</b>	⚠ Protecting the lead <b>Weak</b>	✖ Attacking set pieces <b>Very Strong</b>	⚠ Stopping opponents from creating chances <b>Weak</b>	✖ Counter attacks <b>Very Strong</b>	✖ Avoiding offside <b>Very Weak</b>	✖ Creating long shot opportunities <b>Very Strong</b>		✖ Creating chances using through balls <b>Very Strong</b>		✖ Creating scoring chances <b>Very Strong</b>		✖ Shooting from direct free kicks <b>Very Strong</b>		✖ Coming back from losing <u>positions</u> <b>Strong</b>		⚡ <u>Aerial</u> duels <b>Strong</b>		<p><b>Bayern Munich</b> Location: Munich, Germany</p> <p><b>League Rank:</b> 1 <b>League Record (34 games):</b> 29W-1L-4D <b>Average Player Salary for Team:</b> \$5,907,652</p> <p>Bayern Munich Characteristics</p> <table border="0"> <thead> <tr> <th>+ Strengths</th> <th>- Weaknesses</th> </tr> </thead> <tbody> <tr> <td>✖ Finishing scoring chances <b>Very Strong</b></td> <td>✖ Avoiding offside <b>Weak</b></td> </tr> <tr> <td>✖ Attacking down the wings <b>Very Strong</b></td> <td>⚠ Stopping opponents from creating chances <b>Weak</b></td> </tr> <tr> <td>✖ Creating chances using through balls <b>Very Strong</b></td> <td></td> </tr> <tr> <td>✖ Creating chances through individual skill <b>Very Strong</b></td> <td></td> </tr> <tr> <td>⚠ Defending set pieces <b>Very Strong</b></td> <td></td> </tr> <tr> <td>⚠ Protecting the lead <b>Very Strong</b></td> <td></td> </tr> <tr> <td>✖ Creating scoring chances <b>Strong</b></td> <td></td> </tr> <tr> <td>✖ Creating long shot opportunities <b>Strong</b></td> <td></td> </tr> <tr> <td>✖ Attacking set pieces <b>Strong</b></td> <td></td> </tr> <tr> <td>✖ Coming back from losing positions <b>Strong</b></td> <td></td> </tr> <tr> <td>⚡ <u>Aerial</u> duels <b>Strong</b></td> <td></td> </tr> </tbody> </table> <p><b>Bayern Munich Style</b></p> <ul style="list-style-type: none"> <li>✖ Possession football</li> <li>✖ Control the game in the opposition's half</li> <li>✖ Attempt through balls often</li> <li>✖ Short passes</li> <li>⚠ Non-aggressive</li> <li>⚠ Rotate their first eleven</li> </ul> <p><small>* Strengths, weaknesses and styles are calculated from team's current domestic season statistics.</small></p>	+ Strengths	- Weaknesses	✖ Finishing scoring chances <b>Very Strong</b>	✖ Avoiding offside <b>Weak</b>	✖ Attacking down the wings <b>Very Strong</b>	⚠ Stopping opponents from creating chances <b>Weak</b>	✖ Creating chances using through balls <b>Very Strong</b>		✖ Creating chances through individual skill <b>Very Strong</b>		⚠ Defending set pieces <b>Very Strong</b>		⚠ Protecting the lead <b>Very Strong</b>		✖ Creating scoring chances <b>Strong</b>		✖ Creating long shot opportunities <b>Strong</b>		✖ Attacking set pieces <b>Strong</b>		✖ Coming back from losing positions <b>Strong</b>		⚡ <u>Aerial</u> duels <b>Strong</b>	
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<p><b>Juventus</b> Location: Turin, Italy</p> <p><b>League Rank:</b> 1 <b>League Record (33 games):</b> 22W-5L-6D <b>Average Player Salary for Team:</b> \$4,695,476</p> <p>Juventus Characteristics</p> <table border="0"> <thead> <tr> <th>+ Strengths</th> <th>- Weaknesses</th> </tr> </thead> <tbody> <tr> <td>✖ Shooting from direct free kicks <b>Very Strong</b></td> <td>⚠ Defending counter attacks <b>Weak</b></td> </tr> <tr> <td>✖ Creating long shot opportunities <b>Very Strong</b></td> <td>⚡ <u>Aerial</u> duels <b>Weak</b></td> </tr> <tr> <td>✖ Creating chances using through balls <b>Very Strong</b></td> <td>✖ Avoiding offside <b>Very Weak</b></td> </tr> <tr> <td>✖ Creating scoring chances <b>Very Strong</b></td> <td></td> </tr> <tr> <td>⚠ Defending set pieces <b>Very Strong</b></td> <td></td> </tr> <tr> <td>✖ Stealing the ball from the opposition <b>Very Strong</b></td> <td></td> </tr> <tr> <td>✖ Attacking set pieces <b>Strong</b></td> <td></td> </tr> </tbody> </table> <p><b>Juventus Style</b></p> <ul style="list-style-type: none"> <li>✖ Attempt through balls often</li> <li>✖ Possession football</li> <li>✖ Attack through the middle</li> <li>✖ Control the game in the opposition's half</li> <li>✖ Take a lot of shots</li> <li>✖ Short passes</li> <li>⚠ Non-aggressive</li> <li>⚠ Rotate their first eleven</li> <li>⚠ Opponents play aggressively against them</li> </ul> <p><small>* Strengths, weaknesses and styles are calculated from team's current domestic season statistics.</small></p>	+ Strengths	- Weaknesses	✖ Shooting from direct free kicks <b>Very Strong</b>	⚠ Defending counter attacks <b>Weak</b>	✖ Creating long shot opportunities <b>Very Strong</b>	⚡ <u>Aerial</u> duels <b>Weak</b>	✖ Creating chances using through balls <b>Very Strong</b>	✖ Avoiding offside <b>Very Weak</b>	✖ Creating scoring chances <b>Very Strong</b>		⚠ Defending set pieces <b>Very Strong</b>		✖ Stealing the ball from the opposition <b>Very Strong</b>		✖ Attacking set pieces <b>Strong</b>		<p><b>Paris Saint Germain</b> Location: Paris, France</p> <p><b>League Rank:</b> 1 <b>League Record (29 games):</b> 30W-2L-6D <b>Average Player Salary for Team:</b> \$5,500,000</p> <p>Paris Saint Germain Characteristics</p> <table border="0"> <thead> <tr> <th>+ Strengths</th> <th>- Weaknesses</th> </tr> </thead> <tbody> <tr> <td>✖ Creating long shot opportunities <b>Very Strong</b></td> <td>⚠ Stopping opponents from creating chances <b>Weak</b></td> </tr> <tr> <td>✖ Creating chances using through balls <b>Very Strong</b></td> <td>⚡ <u>Aerial</u> duels <b>Weak</b></td> </tr> <tr> <td>✖ Creating chances through individual skill <b>Strong</b></td> <td></td> </tr> <tr> <td>✖ Creating scoring chances <b>Strong</b></td> <td></td> </tr> <tr> <td>✖ Finishing scoring chances <b>Strong</b></td> <td></td> </tr> <tr> <td>⚠ Protecting the lead <b>Strong</b></td> <td></td> </tr> <tr> <td>⚠ Stealing the ball from the opposition <b>Strong</b></td> <td></td> </tr> <tr> <td>⚠ Defending set pieces <b>Strong</b></td> <td></td> </tr> </tbody> </table> <p><b>Paris Saint Germain's Style of Play</b></p> <ul style="list-style-type: none"> <li>✖ Control the game in the opposition's half</li> <li>✖ Attack through the middle</li> <li>✖ Short passes</li> <li>✖ Attempt through balls often</li> <li>✖ Possession football</li> <li>✖ Take long shots</li> <li>⚠ Non-aggressive</li> <li>⚠ Consistent first eleven</li> </ul>	+ Strengths	- Weaknesses	✖ Creating long shot opportunities <b>Very Strong</b>	⚠ Stopping opponents from creating chances <b>Weak</b>	✖ Creating chances using through balls <b>Very Strong</b>	⚡ <u>Aerial</u> duels <b>Weak</b>	✖ Creating chances through individual skill <b>Strong</b>		✖ Creating scoring chances <b>Strong</b>		✖ Finishing scoring chances <b>Strong</b>		⚠ Protecting the lead <b>Strong</b>		⚠ Stealing the ball from the opposition <b>Strong</b>		⚠ Defending set pieces <b>Strong</b>											
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## Handout 4: Team Information for Players (from [www.whoscored.com](http://www.whoscored.com))

### AC Milan

Location: Milan, Italy

**League Rank:** 7

**League Record (24 games):** 15W-11L-12D

**Average Player Salary for Team:** \$2,113,334

+ Strengths	- Weaknesses
Counter attacks <b>Very Strong</b>	Stopping opponents from creating chances <b>Weak</b>
Creating chances through individual skill <b>Strong</b>	
Attacking set pieces <b>Strong</b>	
Shooting from direct free kicks <b>Strong</b>	
Coming back from losing positions <b>Strong</b>	
Aerial duels <b>Strong</b>	
Protecting the lead <b>Strong</b>	

#### AC Milan's Style of Play

- Attacking down the right
- Possession football
- Opponents play aggressively against them
- Rotate their first eleven
- Aggressive

### Newcastle

Newcastle, England

**League Rank:** 16

**League Record (24 games):** 6W-6L-4D

**Average Player Salary for Team:** \$2,239,808

#### Newcastle United Characteristics

+ Strengths	- Weaknesses
Shooting from direct free kicks <b>Strong</b>	Finishing scoring chances <b>Weak</b>
Creating chances using through balls <b>Strong</b>	Avoiding fouling in dangerous areas <b>Weak</b>
	Defending against skillful players <b>Weak</b>
	Avoiding individual errors <b>Weak</b>
	Defending set pieces <b>Weak</b>
	Defending against attacks down the wings <b>Very Weak</b>

#### Newcastle United Style

- Long balls
- Attempt **crosses** often
- Take a lot of shots
- Take long shots
- Play with width
- Playing in their own half
- Aggressive
- Play the offside trap

\* Strengths, weaknesses and styles are calculated from team's current domestic season statistics.





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# Extra Credit

a newsletter for educators



## Handout 6: Graph

