

BASEBALL AND THE AMERICAN CITY:

An examination of public financing and stadium
construction in American professional sports.

By

Brian Reich

April 30, 2001

<http://www.stadiummouse.com/>

APPENDICIES

1A	Baseball Stadium Construction Costs (partial list)
1B	Basketball/Hockey Arena Construction Costs
2A	1999 Attendance and Capacity Utilization
3A	Team Performance and Stadium Construction
4A	Estimated Team Values (Baseball)
4B	Estimated Team Values (Basketball)
5A	Naming Rights
6A	Home Base for Mets Fans
7B	Home Base for Yankees Fans
7A	Sports Teams Map (Overlap)
7B	Baseball Teams Map
7C	Basketball Teams Map
7D	Football Teams Map
7E	Hockey Teams Map

1A - Baseball Stadium Construction Costs (partial list)

Year	Stadium	Construction Cost
1962	Dodger Stadium	\$23 Million
1960	Shea Stadium	\$24 million
1966	Busch Stadium	\$25 Million
1967	Jack Murphy Stadium	\$26 Million
1965	Houston Astrodome	\$38 Million*
1970	Three Rivers Stadium	\$50 million
1971	Veterans Stadium	\$50 million
1970	Riverfront Stadium	\$45 million
1975	Pontiac Silverdome	\$56 million
1977	Kingdome	\$67 million
1976	Giants Stadium	\$68 million
1982	Metrodome	\$62 million
1984	Hoosier Dome	\$77 million
1987	Joe Robbie Stadium	\$100 million
1989	Toronto Skydome	\$523 million (Canadian)**

* First domed stadium ever constructed

** Construction costs included hotels, restaurants, and shops.

1B -- Basketball/Hockey Arena Construction Costs

Year	Arena	Construction Cost
1959	Los Angeles Forum	\$16.7 million
1968	Madison Square Garden II	\$133 million*
1960	Salt Palace Arena	\$17 million
1974	Richfield Coliseum	\$45 million
1972	Omni	\$17 million
1975	McNichols Arena	\$13 million
1979	Joe Louis Arena	\$27 million
1988	Palace at Auburn Hills	\$70 million
1988	Miami Arena	\$50 million
1981	Orlando Arena	\$110 million
1981	Byrne Arena	\$85 million
1988	Bradley Center	\$55 million
1990	Target Center	\$93 million

* Construction costs include associated office space.

2A – 1999 Attendance and Capacity Utilization

(Stadiums constructed since 1989)

Team (Opening)	Capacity	Avg. Attendance	Utilization (Percent)
Arizona (1998)	49,075	37,069	76
Atlanta (1996)	49,831	40,493	81
Baltimore (1992)	42,785	48,785	87
Chicago (1992)	44,321	17,598	39
Cleveland (1994)	42,865	42,815	100
Colorado (1995)	50,200	43,070	86
Tampa Bay (1997)	46,000	20,560	44
Texas (1994)	49,178	34,681	71
Toronto (1989)	50,516	26,710	53

(Average 71%)

Source: The Boston Globe, Major League Baseball

3A - Team Performance and Stadium Construction

Team	Ballpark (Inaugural Season)	Before	After	Net
White Sox	New Comiskey Park (1991)	94-68	87-75	-7
Orioles	Camden Yards (1992)	67-95	89-73	+22
Indians	Jacobs Field (1994)	76-86	66-47*	+28***
Rangers	The Ballpark (1994)	86-76	52-62*	-12***
Rockies	Coors Field (1995)	53-64*	77-67	+14**
Braves	Turner Field (1997)	96-66	101-61	+5
Astros	Enron Field (2000)	97-65	72-90	-25
Giants	Pac Bell Park (2000)	86-76	97-65	+11
Tigers	Comerica Park (2000)	69-92	79-83	+10
Mariners	Safeco Field (1999)	79-83****	91-71	+12

* Season cut short by 1994 work stoppage

** Based on projections for complete 162-game season (1994/1995)

*** Based on projections for complete 162-game season (1994)

**** Second half of season in new park

Source: Ballparks and bumps – Pittsburgh Post Gazette (Sunday, April 01, 2001)

Available online at <http://www.post-gazette.com/pirates/bumpchartbuc9.asp>

4A - Estimated Team Values (Baseball)

Team	1997 value	1999 value
New York Yankees	\$241	\$491
Cleveland Indians	\$175	\$359
Atlanta Braves	\$199	\$357
Baltimore Orioles	\$207	\$351
Colorado Rockies	\$184	\$311
Arizona Diamondbacks	-----	\$291
Texas Rangers	\$174	\$281
Los Angeles Dodgers	\$178	\$270
Boston Red Sox	\$172	\$256
New York Mets	\$144	\$249
Houston Astros	\$114	\$239
Seattle Mariners	\$107	\$236
Tampa Bay Devil Rays	-----	\$225
Chicago Cubs	\$165	\$224
San Francisco Giants	\$128	\$213
St. Louis Cardinals	\$134	\$205
San Diego Padres	\$86	\$205
Anaheim Angels	\$93	\$195
Chicago White Sox	\$149	\$178
Cincinnati Reds	\$95	\$163
Toronto Blue Jays	\$155	\$162
Milwaukee Brewers	\$92	\$155
Florida Marlins	\$123	\$153
Detroit Tigers	\$138	\$152
Philadelphia Phillies	\$112	\$145
Pittsburgh Pirates	\$71	\$145
Oakland Athletics	\$115	\$125
Kansas City Royals	\$88	\$96
Minnesota Twins	\$77	\$89
Montreal Expos	\$77	\$84

* all values in millions

*Source: 1997 rankings provided by Financial World Magazine
1999 values provided by Fortune Magazine*

4B - Estimated Team Values (Basketball)

Team	1998 value (in millions)
New York Knicks	\$334
Chicago Bulls	\$307
Los Angeles Lakers	\$282
Portland Trail Blazers	\$257
Phoenix Suns	\$239
Philadelphia 76ers	\$231
Detroit Pistons	\$226
Utah Jazz	\$215
Washington Wizards	\$209
Boston Celtics	\$187
Seattle Sonics	\$183
Indiana Pacers	\$178
Cleveland Cavaliers	\$170
San Antonio Spurs	\$169
Houston Rockets	\$168
New Jersey Nets	\$166
Miami Heat	\$162
Orlando Magic	\$159
Sacramento Kings	\$151
Atlanta Hawks	\$150
Minnesota Timberwolves	\$146
Dallas Mavericks	\$141
Golden State Warriors	\$140
Toronto Raptors	\$138
Charlotte Hornets	\$136
Vancouver Grizzlies	\$127
Denver Nuggets	\$124
Milwaukee Bucks	\$111
Los Angeles Clippers	\$103

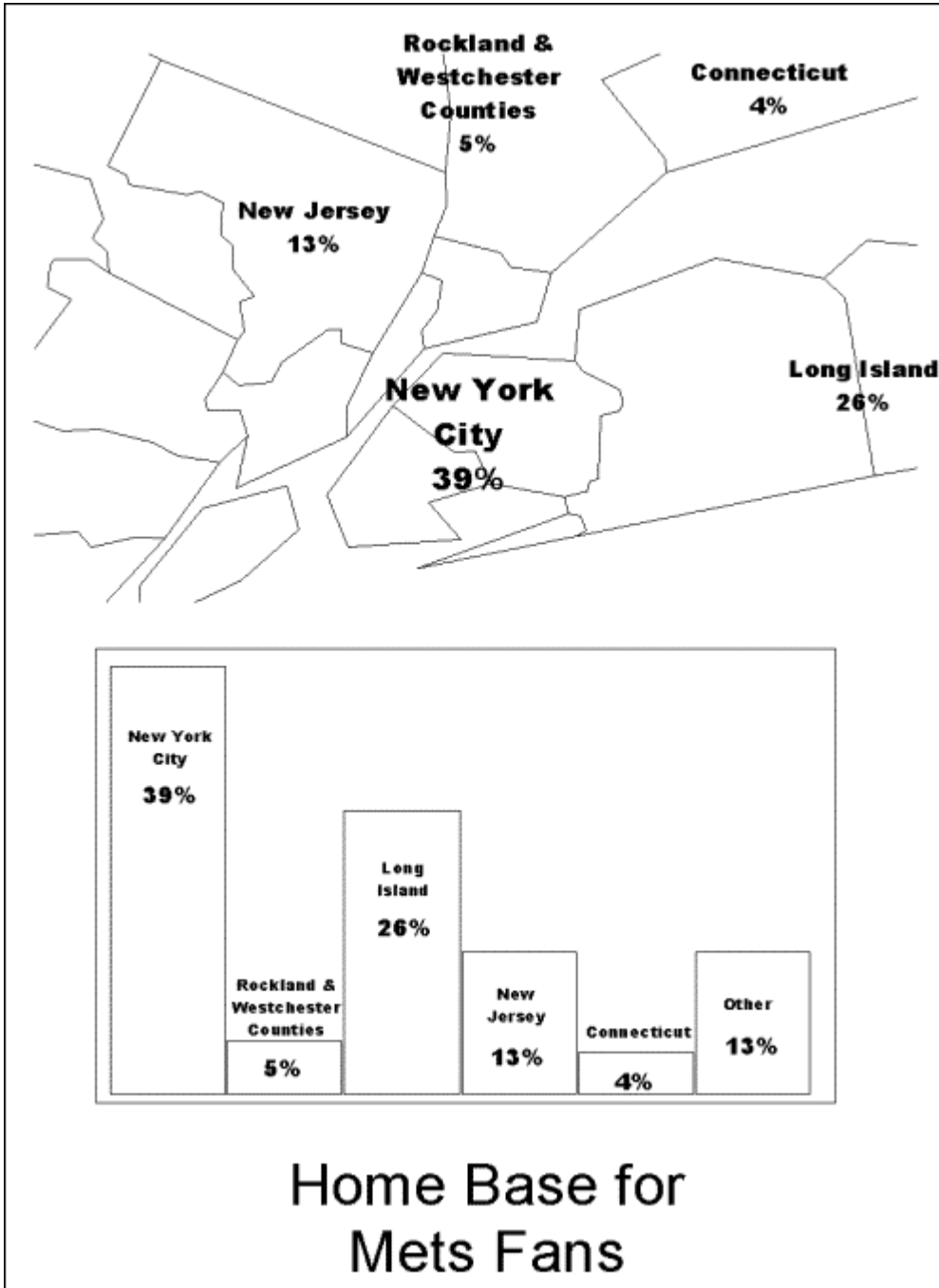
Source: Milwaukee Journal Sentinel (November 30, 1999)

5A -Naming Rights

In recent years, the sale of naming-rights deals has skyrocketed in value. The team gets the money, even though the public paid for the stadium. Examples include:

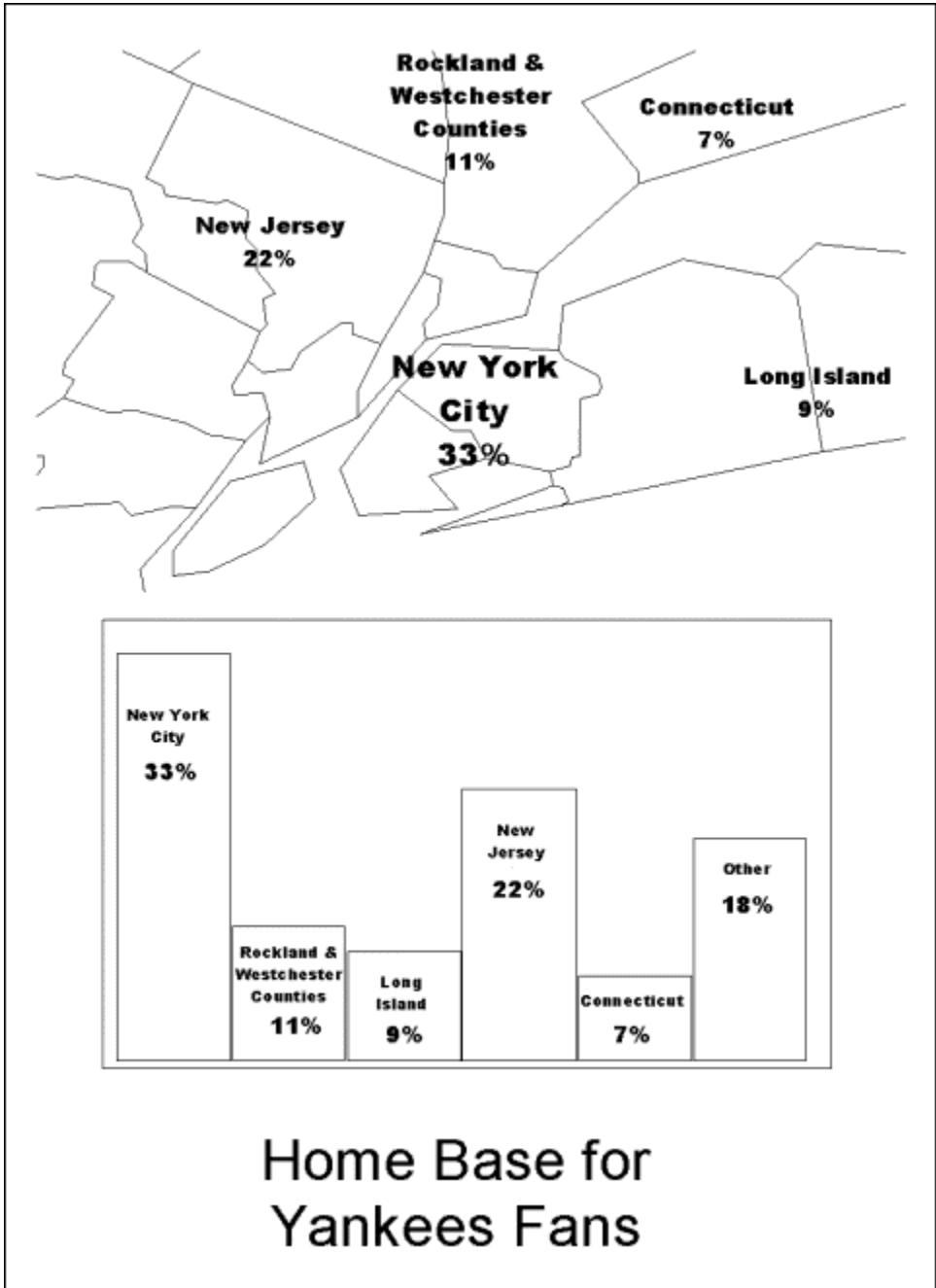
- In 1998, PSINet agreed to pay \$105.5 million over 20 years for the right to name the Baltimore Ravens' new stadium.
- In 1999, Federal Express signed a \$205 million, 27-year deal for naming rights to the Washington Redskins' new stadium.
- to pay an estimated \$300 million over 32 years for the naming rights for a sports and convention complex that includes a new stadium for the Houston Texans, the NFL's newest expansion team.
- Also in 2000, the Enron Corp. agreed to a \$100 million, 30-year deal for the naming rights to the Houston Astros' new ballpark.

6A -- Home Base for Mets Fans



Source: New York City Independent Budget Office

6B -- Home Base for Yankees Fans

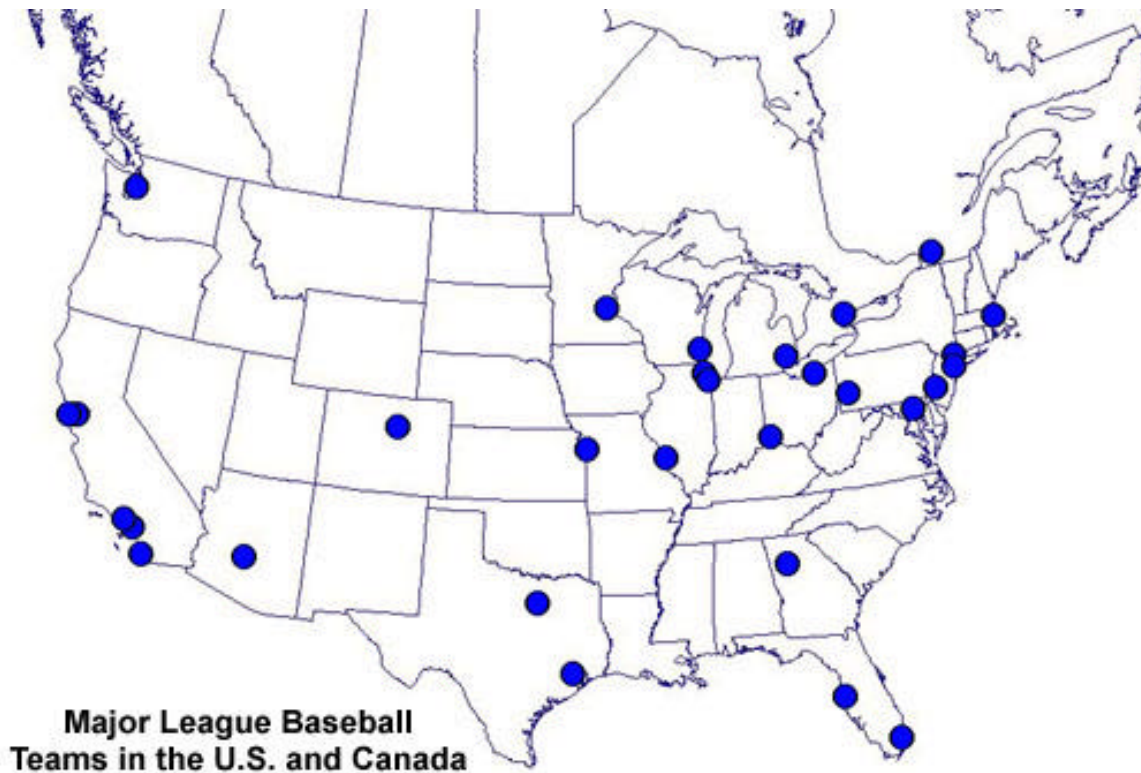


Source: New York City Independent Budget Office

7A -- Sports Teams Map (Overlap)



7B -- Baseball Teams Map

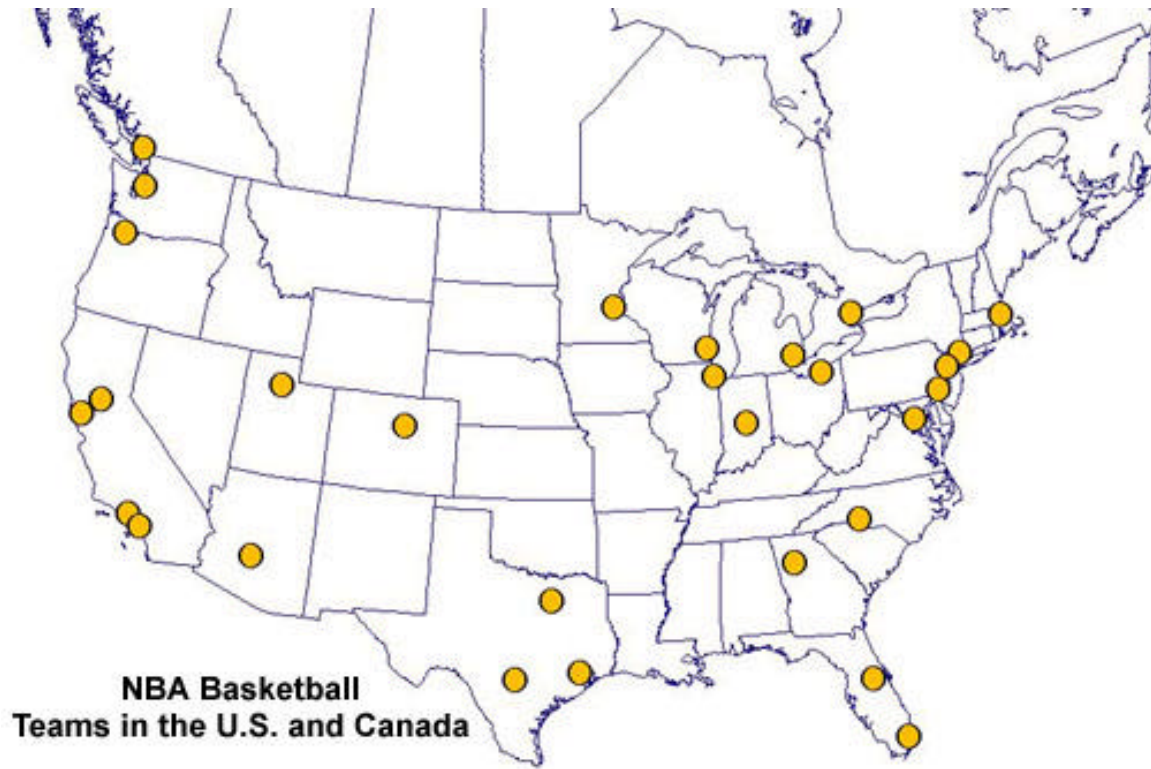


Copyright 2000 Matt T. Rosenberg

Anaheim Angels
Arizona Diamondbacks
Atlanta Braves
Baltimore Orioles
Boston Red Sox
Chicago Cubs
Chicago White Sox
Cincinnati Reds
Cleveland Indians
Colorado Rockies
Detroit Tigers
Florida Marlins
Houston Astros
Kansas City Royals
Los Angeles Dodgers

Milwaukee Brewers
Minnesota Twins
Montreal Expos
New York Mets
New York Yankees
Oakland Athletics
Philadelphia Phillies
Pittsburgh Pirates
San Diego Padres
San Francisco Giants
Seattle Mariners
St. Louis Cardinals
Tampa Bay Devil Rays
Texas Rangers
Toronto Blue Jays

7C -- Basketball Teams Map



Copyright 2000 Matt T. Rosenberg

Atlanta Hawks
Boston Celtics
Charlotte Hornets
Chicago Bulls
Cleveland Cavaliers
Dallas Mavericks
Denver Nuggets
Detroit Pistons
Golden State Warriors
Houston Rockets
Indiana Pacers
Los Angeles Clippers
Los Angeles Lakers
Miami Heat

Milwaukee Bucks
Minnesota Timberwolves
New Jersey Nets
New York Knicks
Orlando Magic
Philadelphia 76ers
Phoenix Suns
Portland Trail Blazers
Sacramento Kings
San Antonio Spurs
Seattle SuperSonics
Toronto Raptors
Utah Jazz
Vancouver Grizzlies
Washington Wizards

7D -- Football Teams Map

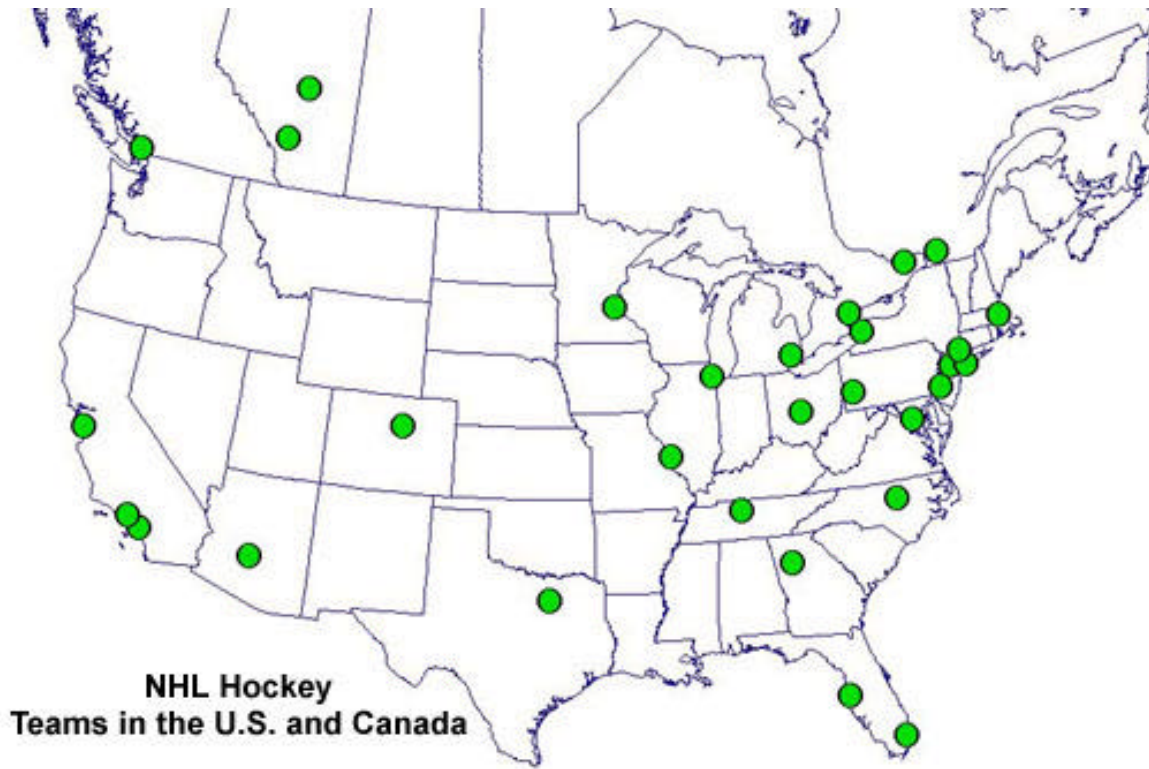


Copyright 2000 Matt T. Rosenberg

Arizona Cardinals
Atlanta Falcons
Baltimore Ravens
Buffalo Bills
Carolina Panthers
Chicago Bears
Cincinnati Bengals
Cleveland Browns
Dallas Cowboys
Denver Broncos
Detroit Lions
Green Bay Packers
Indianapolis Colts
Jacksonville Jaguars
Kansas City Chiefs
Miami Dolphins

Minnesota Vikings
New England Patriots
New Orleans Saints
New York Giants
New York Jets
Oakland Raiders
Philadelphia Eagles
Pittsburgh Steelers
San Diego Chargers
San Francisco 49ers
Seattle Seahawks
St. Louis Rams
Tampa Bay Buccaneers
Tennessee Titans
Washington Redskins

7E -- Hockey Teams Map



Copyright 2000 Matt T. Rosenberg

Anaheim Mighty Ducks
Atlanta Thrashers
Boston Bruins
Buffalo Sabres
Calgary Flames
Carolina Hurricanes
Chicago Black Hawks
Colorado Avalanche
Columbus Blue Jackets
Dallas Stars
Detroit Red Wings
Edmonton Oilers
Florida Panthers
Los Angeles Kings
Minnesota Wild

Montreal Canadiens
Nashville Predators
New Jersey Devils
New York Islanders
New York Rangers
Ottawa Senators
Philadelphia Flyers
Phoenix Coyotes
Pittsburgh Penguins
San Jose Sharks
St. Louis Blues
Tampa Bay Lightning
Toronto Maple Leafs
Vancouver Canucks
Washington Capitals