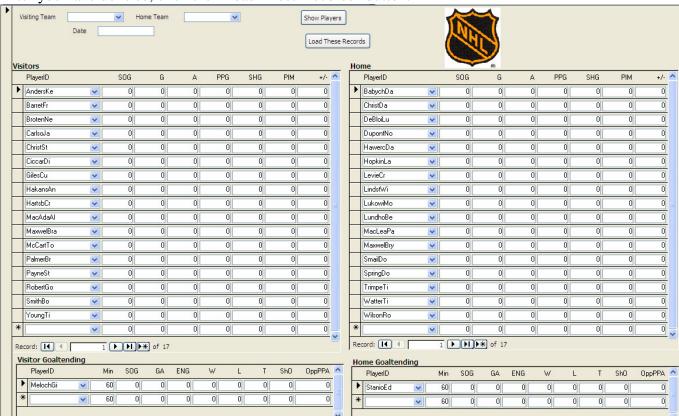<u>How to Use My MS Access Hockey Statkeeper</u>

You need to have MS Access to use this hockey statkeeper, but if you do, I think you will find it pretty easy to use. I don't make forms, so you enter the game stats directly into two tables (tblScoringStats and tblGoalieStats). The database will determine standings, goals for, goals against, etc. by adding up the individual totals from those two tables. The copy on the Website is set up for the 1981-82 season, but I would be glad to create one with the players and schedule from some other season loaded if you want me to.

[Revised information: I made a game entry form, so you don't have to enter your game results into the tables anymore.]

Forms
frmGameEntry- Now you can enter your game results here instead of the table. This works in conjunction with the scoresheet printer. Enter the visiting team iD, home team ID, and the date at the top of the form and click the "Show Players" button. This will display the IDs of the same players who were on the scoresheet for that game. All you need to enter are the stats for the game on each player and goalie's lines. After you have done so, click the "Load These Records" button.

Tables
tblDivisions- Pretty self explanatory. This sorts the teams into conferences and divisions for the standings.

tblDivisions			
DivID	DivisionName	Conference	LeagueID
A	Adams Division	Wales Conference	NHL

tblDivisions

DivID	DivisionName	Conference	LeagueID
N	Norris Division	Campbell Conference	NHL
P	Patrick Division	Wales Conference	NHL
S	Smythe Division	Campbell Conference	NHL

tblTeams- The TeamID is used in the player table and the stats tables to tie that player or those stats to the correct team. The "Logo" field contains a team logo that appears on stat reports and scoresheets.

tblTeams

TeamID	TeamName	DivID	Logo
Bos	Boston Bruins	A	
Buf	Buffalo Sabres	A	
Cal	Calgary Flames	S	
Chi	Chicago Blackhawks	N	
Col	Colorado Rockies	S	
Det	Detroit Red Wings	N	

tblPlayers- This table holds the player data. The PlayerID is usually composed of the first six letters of the player's last name concatenated with the the first two letters of his first name, unless the ID needs an extra character to avoid duplicates. "GP" is the number of games played in the regular season and "PO-GP" is how many playoff games the player appeared in. The only changes you will make to this table once the season begins will be to the "CurrTeam" and "AllTeams" columns. If , for example, Keith Acton were traded to the Penguins, you would change the value in "CurrTeam" to "Pit". (There is a list of values in the field.) and change "AllTeams" to "Mon-Pit". (You will need to type this.) The CurrTeam field determines which team's stat report and scoresheets the player goes on. "AllTeams" is what will print in the team column on the leader lists.

tblPlayers

PlayerID	PlayerName	Position	GP	PO-GP	CurrTeam	AllTeams
ActonKe	Keith Acton	C	78	5	Mon	Mon
AdamsGr	Greg Adams	F	33	0	Phi	Phi
AllisoMi	Mike Allison	F	48	10	NYR	NYR
AllisoRa	Ray Allison	F	51	3	Phi	Phi
AndersGl	Glenn Anderson	F	80	5	Edm	Edm
AndersJo	John Anderson	LW	69	0	Tor	Tor
AndersKe	Kent-Erik Andersson	RW	70	4	Min	Min

tblSchedules-This table contains the season schedule. It works with the player table and the stats tables to allow you to print scoresheets for a date or range of date. The GameNumber here is just an auto-number that Access assigns.

tblSchedule

GameNumber	Date	VisTeam	HomeTeam
882	10/6/1981	Col	Van

tblSchedule

GameNumber	Date	VisTeam	HomeTeam
883	10/6/1981	Det	NYR
884	10/6/1981	Har	Que
885	10/6/1981	Pit	StL
886	10/6/1981	Tor	Win
887	10/7/1981	Col	Edm
888	10/7/1981	NYI	LA
889	10/7/1981	Pit	Chi
890	10/7/1981	Wsh	Buf

tblSchedRecords- This is just the schedule data sorted so that there are separate records for each team in the game.

tblSchedRecords

GameNumber	TeamID	HA
898	Bos	Away
913	Bos	Away
926	Bos	Away
928	Bos	Away
943	Bos	Away
953	Bos	Away
962	Bos	Away

tblScoringStats- This is where you enter the player stats for each game. I suggest you open the table and then select Records/Data Entry from the pull-down menu to get a clean sheet.The first three fields are pick lists, so you just start typing the first few letters and/or use the pick list. The "GP" column defaults to 1 and the other columns to zero, so you only need to enter a number when the player did that particular thing in the game.

tblScoringStats

PlayerID	Team	Opp	Date	GP	SOG	G	A	PPG	SHG	PIM	+/-
AndersGl	Edm	Col	10/7/1981	1	2	0	0	0	0	0	0
CalligBr	Edm	Col	10/7/1981	1	3	0	0	0	0	0	0
CoffeyPa	Edm	Col	10/7/1981	1	0	0	0	0	0	0	0
FogoliLe	Edm	Col	10/7/1981	1	0	0	0	0	0	2	0
GretzkWa	Edm	Col	10/7/1981	1	6	2	1	2	0	2	0
HagmanMa	Edm	Col	10/7/1981	1	1	0	0	0	0	0	0

tblGoalieStats- This is where you enter the goalie stats for each game- same idea as the scoring stats. I stuck opponents' power play attempts here, although that isn't a goalie stat, because it had to go somewhere.

tblGoalieStats													
PlayerID	Team	Opp	Date	GP	Min	SOG	GA	ENG	W	L	T	ShO	OppPPA
BouchaDa	Que	Har	10/6/1981	1	60	23	5	0	1	0	0	0	5
BrodeuRi	Van	Col	10/6/1981	1	60	16	1	0	0	0	1	0	8
DionMi	Pit	StL	10/6/1981	1	60	21	1	0	0	0	1	0	5
DionMi	Pit	Chi	10/7/1981	1	59	37	6	0	0	1	0	0	2
EsposiTo	Chi	Pit	10/7/1981	1	60	34	5	0	1	0	0	0	3

Reports (See examples of these reports on the next pages)
rptScoresheets- This is the scoresheet printer. It will prompt you for the minimum and maximum dates for which you want scoresheets. You will get a scoresheet for each of the games for those dates listing the 17 skaters (1981-82 skater limit) and one goalie for each team. The underlying queries compare each player's games played so far in the replay to their actual games played for the season and selects the skaters and goalie who will have played the lowest percentage of their games for the season if they play in this game. This will automatically keep the games played on schedule. (I distribute games played by uncarded players among the least used carded players so those lesser players get the extra games rather than them going to the top players. When we eventually have actual lineups for hockey, I will switch to using them.

rptTeamByTeamStats- Complete scoring and goaltending stats for each a team's players. Players who have been traded during the season show their full-season stats, but are only listed with their current team.

rptLeaders- A report of leaders in scoring, goals, assists, penalty minutes, plus-minus, and goals-against average.

rptStandings- League standings

Hartford Whalers		SOG	Scoring	PIM	+/-
Dan Bourbonnais	F				
Ron Francis	C				
Garry Howatt	LW				
Mark Howe	D				
Dave Keon	C				
Chris Kotsopoulos	D				
Rick MacLeish	LW				
Rick Meagher	C				
Warren Miller	F				
Don Nachbaur	F				
Tom Rowe	RW				
Paul Shmyr	D				
Stuart Smith	D				
Blaine Stoughton	F				
Doug Sulliman	F				
Mickey Volcan	D				
Blake Wesley	D				

Montreal Canadiens		SOG	Scoring	PIM	+/-
Keith Acton	C				
Gilbert Delorme	D				
Brian Engblom	D				
Bob Gainey	F				
Mark Hunter	F				
Doug Jarvis	C				
Guy Lafleur	RW				
Rod Langway	D				
Pierre Larouche	F				
Pierre Mondou	F				
Mark Napier	RW				
Robert Picard	D				
Doug Risebrough	F				
Larry Robinson	D				
Steve Shutt	F				
Mario Tremblay	F				
Doug Wickenheiser	F				

Per	Time	Tm	Goal	Sp	Assists	Score	Per	Time	Tm	Goal	Sp	Assists	Score

	Min	SOG	GA	ENG	A/PM
John Garrett (Har)					
Rick Wamsley (Mon)					

Goals	1	2	3	F
Har				
Mon				

SOG	1	2	3	T	PPA
Har					
Mon					

at

Thursday, October 08, 1981

Colorado Rockies

Scoring		GP	G	A	Pt	PPG	SHG	PIM	SOG	+/-
Steve Tambellini	C	2	1	1	2	0	0	2	10	+1
Brent Ashton	F	2	1	1	2	0	0	0	4	+1
Merlin Malinowski	C	2	1	0	1	0	0	0	2	E
Tapio Levo	D	1	0	1	1	0	0	0	2	E
Kevin Maxwell	F	1	0	1	1	0	0	0	0	+1
Rob Ramage	D	2	0	1	1	0	0	8	7	+1
Lanny McDonald	RW	2	0	1	1	0	0	0	3	+1
John Wensink	LW	1	0	0	0	0	0	2	0	+1
Bill Baker	D	1	0	0	0	0	0	0	1	-1
Jukka Porvari	F	1	0	0	0	0	0	0	0	E
Veli-Pekka Ketola	C	1	0	0	0	0	0	0	0	E
Bob Miller	LW	1	0	0	0	0	0	0	1	-1
Graeme Nicolson	D	1	0	0	0	0	0	0	3	+1
Bob Lorimer	D	2	0	0	0	0	0	0	0	+1
Dave Cameron	C	2	0	0	0	0	0	4	0	E
Dwight Foster	F	2	0	0	0	0	0	4	2	-2
Glenn Resch	G	2	0	0	0	0	0	0	0	E
Aaron Broten	LW	2	0	0	0	0	0	0	3	-1
Joel Quenneville	D	2	0	0	0	0	0	0	1	-1
Mike Kitchen	D	2	0	0	0	0	0	4	0	-1
Paul Gagne	F	2	0	0	0	0	0	0	5	-1
Joe Cirella	D	2	0	0	0	0	0	0	2	E

Goaltending	GP	Min	W-L-T	SOG	GA	ShO	SvP	GAA
Glenn Resch	2	120	0-1-1	53	5	0	.906	2.50

Leaders Through   Wednesday, October 07, 1981

Scoring Leaders

		GP	G	A	Pt	PPG	SHG	PIM	SOG	+/-
Mark Pavelich	NYR	1	2	2	4	1	0	0	6	0
Craig Ramsay	Buf	1	3	0	3	0	1	0	4	3
Mike Bullard	Pit	2	3	0	3	1	0	0	8	1
Al Secord	Chi	1	2	1	3	0	0	0	4	2
Ron Francis	Har	1	2	1	3	2	0	2	3	-1
Wayne Gretzky	Edm	1	2	1	3	2	0	2	6	0
Denis Savard	Chi	1	1	2	3	0	0	2	3	2
Doug Sulliman	Har	1	1	2	3	0	0	0	1	1
Reed Larson	Det	1	1	2	3	0	0	2	4	1
Rick Kehoe	Pit	2	0	3	3	0	0	0	5	1
Mark Howe	Har	1	0	3	3	0	0	0	2	0
Gilles Hamel	Buf	1	0	3	3	0	0	0	0	3
Marc Tardif	Que	1	2	0	2	0	0	0	2	0
Paul MacLean	Win	1	2	0	2	0	0	0	3	2
Peter Marsh	Chi	1	2	0	2	0	0	0	4	2
Steve Tambellini	Col	2	1	1	2	0	0	2	10	1

Goal Leaders

Craig Ramsay	Buf	3
Mike Bullard	Pit	3
Al Secord	Chi	2
Marc Tardif	Que	2
Mark Pavelich	NYR	2
Paul MacLean	Win	2
Peter Marsh	Chi	2
Ron Francis	Har	2
Wayne Gretzky	Edm	2

Assist Leaders

Gilles Hamel	Buf	3
Mark Howe	Har	3
Rick Kehoe	Pit	3

PIM Leaders

Brian Sutter	StL	12
Paul Baxter	Pit	9
Randy Cunneyworth	Buf	9
Mark Messier	Edm	8
Rob Ramage	Col	8
Chris Kotsopoulos	Har	7
Dave Hutchison	Chi	7
Rick Lapointe	StL	7
Wally Weir	Que	7

Plus-Minus Leaders

Don Spring	Win	5
Doug Wilson	Chi	4
Bill Hajt	Buf	3
Craig Ramsay	Buf	3
Gilles Hamel	Buf	3

GAA Leaders

Ed Staniowski	Win	1.00
Mike Liut	StL	1.00
Richard Brodeur	Van	1.00
Grant Fuhr	Edm	2.00
Glenn Resch	Col	2.50

NHL Standings Including games of: Wednesday, October 07, 1981

Campbell Conference

Norris Division	GP	W	L	T	Pt	GF	GA
Winnipeg Jets	1	1	0	0	2	5	1
Chicago Blackhawks	1	1	0	0	2	6	5
Detroit Red Wings	1	0	0	1	1	4	4
St. Louis Blues	1	0	0	1	1	1	1
Minnesota North Stars	0	0	0	0	0	0	0
Toronto Maple Leafs	1	0	1	0	0	1	5

Smythe Division	GP	W	L	T	Pt	GF	GA
Edmonton Oilers	1	1	0	0	2	4	2
Vancouver Canucks	1	0	0	1	1	1	1
Colorado Rockies	2	0	1	1	1	3	5
Calgary Flames	0	0	0	0	0	0	0
Los Angeles Kings	0	0	0	0	0	0	0

Wales Conference

Adams Division	GP	W	L	T	Pt	GF	GA
Buffalo Sabres	1	1	0	0	2	5	1
Quebec Nordiques	1	1	0	0	2	6	5
Montreal Canadiens	0	0	0	0	0	0	0
Boston Bruins	0	0	0	0	0	0	0
Hartford Whalers	1	0	1	0	0	5	6

Patrick Division	GP	W	L	T	Pt	GF	GA
New York Rangers	1	0	0	1	1	4	4
Pittsburgh Penguins	2	0	1	1	1	6	7
New York Islanders	0	0	0	0	0	0	0
Philadelphia Flyers	0	0	0	0	0	0	0
Washington Capitals	1	0	1	0	0	1	5