

## Grad Spouse IQ

### OVERVIEW:

Spouse IQ data were collected for all spouses where we had a valid high school name, maiden name, and either DOB or year graduated.

Information about Spouse IQ was collected in the following way:

-In 2003-2004 we began speaking to graduate and sibling spouses. While interviewing spouses we ascertained their maiden name, whether or not they attended high school in Wisconsin, if so what high school they attended, and finally their date of birth.

-With the above information collected we were able to use spouses date of birth and high school information to calculate estimations of the year in which spouses were in particular grade levels and in what school. We then used these estimations combined with their maiden name to search through the Wisconsin Cooperative Testing Program books for Spouses Henmon-Nelson scores (books with scores exist for WI schools from 1930-1980).

-Each case was checked three times; 1.) The first check was done quickly on the estimated year. 2.) For cases that did not yield a score on the first check we looked at plus and minus three years from the estimated year. In addition, if the reported high school was in a big city we checked all other high schools in that city. 3.) After the first two checks, if a case did not have 2 scores we checked all high school years without a score in the same manner as check 2.

-Finally, once Henmon-Nelson scores were located for spouses we followed an already established formula (see Cor652, Memo124) to convert raw Henmon-Nelson scores for grades 9-12 taken in any year into the metric of Wisconsin IQ scores for Juniors in 1957. In this way (for example), a score from a spouse who took the test as a 9th grader in 1938 could be compared to a graduate who took the test as a Junior in 1956.

### BRIEF VARIABLE DESCRIPTIONS:

NOTE: "Best measure" (bm) represents spouse's junior year score, if no junior score exists then we used the converted senior year score, if no senior then sophomore, if no sophomore then freshman.

spwiiq_bm	Best measure of spouse IQ mapped from converted Henmon-Nelson score.
sphnrs_bm	Best measure of spouse Henmon-Nelson raw score.
spwicr_bm	Best measure of spouse WI centile rank based on converted Henmon-Nelson score.
spncr_bm	Best measure of spouse National centile rank based on converted Henmon-Nelson score.
spbook_flag_bm	Best measure of years difference between estimated graduation and WI book found in.
iqsource	The grade level in which raw Henmon-Nelson scores

# Wisconsin Longitudinal Study Codebook

were converted into best measure IQ score.

spwiiq_f	Spouse WI IQ based on the conversion of freshman raw Henmon-Nelson score
sphnrs_f	Spouse converted freshman Henmon-Nelson score
spwicr_f	Spouse WI centile rank based on converted freshman Henmon-Nelson score
spncr_f	Measure of spouse National centile rank based on converted Henmon-Nelson score.
spwiiq_p	Spouse WI IQ based on the conversion of sophomore raw Henmon-Nelson score
sphnrs_p	Spouse converted sophomore Henmon-Nelson score
spwicr_p	Spouse WI centile rank based on converted sophomore Henmon-Nelson score
spncr_p	Spouse National centile rank based on converted sophomore Henmon-Nelson score
spwiiq_j	Spouse WI IQ based on the conversion of junior Henmon-Nelson score
sphnrs_j	Spouse converted junior Henmon-Nelson score
spwicr_j	Spouse WI centile rank based on converted junior Henmon-Nelson score
spncr_j	Spouse National centile rank based on converted junior Henmon-Nelson score
spwiiq_s	Spouse WI IQ based on the conversion of senior Henmon-Nelson score
sphnrs_s	Spouse converted senior Henmon-Nelson score
spwicr_s	Spouse WI centile rank based on converted senior Henmon-Nelson score
spncr_s	Spouse National centile rank based on converted senior Henmon-Nelson score
fbook_flag	Difference in years between estimated graduation and WI book score was found in for freshman
pbook_flag	Difference in years between estimated graduation and WI book score was found in for sophomores
jbook_flag	Difference in years between estimated graduation and WI book score was found in for juniors
sbook_flag	Difference in years between estimated graduation

and WI book score was found in for seniors

\*\*Note: For variable creation details please refer to COR652

## **spwiiq\_bm: Best measure of spouse IQ mapped from converted Henmon-Nelson score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	516	720	1236
61 - 88		307	232	539
89 - 98		288	313	601
99 - 107		277	343	620
109 - 118		264	293	557
120 - 139		156	181	337

## **sphnrs\_bm: Best measure of spouse Henmon-Nelson raw score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	509	719	1228
4 - 47		313	232	545
48 - 55		287	313	600
56 - 62		277	343	620
63 - 70		263	292	555
71 - 91		159	183	342

Note: iqsource = ; f = freshman, p = sophomore, j = junior, s = senior

## **spwcr\_bm: Best measure of spouse WI centile rank based on converted Henmon-Nelson score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	516	720	1236
0 - 21		307	232	539
23 - 45		288	313	601
48 - 68		277	343	620
71 - 88		264	293	557
90 - 99		156	181	337

## **spncr\_bm: Best measure of spouse National centile rank based on converted Henmon-Nelson score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	509	719	1228
0 - 33		313	232	545
36 - 56		287	313	600
59 - 75		277	343	620
78 - 91		263	293	556
92 - 98		159	182	341

**spbook\_flag\_bm: Best measure of years difference between estimated graduation and WI book found in**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	899	1024	1923
-27	NOT ASKED OF PROXY	0	4	4
-3	REFUSED	0	2	2
-1	DON'T KNOW	14	15	29
0		857	934	1791
1		35	102	137
2		2	0	2
3		1	1	2

**iqsource: The grade level in which raw Henmom-Nelson scores were converted into best measure IQ score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Value	Label	Frequencies		
		Male	Female	Total
	System missing - NR	3627	4019	7646
"f"		146	97	243
"j"		1189	1108	2297
"p"		17	67	84
"s"		12	35	47

## **spwiiq\_f: Spouse WI IQ based on the conversion of freshman raw Henmon-Nelson score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	520	725	1245
-2	INAPPROPRIATE INAP	827	508	1335
67 - 86		136	150	286
87 - 94		101	170	271
97 - 103		85	178	263
104 - 113		78	187	265
115 - 139		61	164	225

## **sphnrs\_f: Spouse converted freshman Henmon-Nelson score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	509	719	1228
-2	INAPPROPRIATE INAP	827	507	1334
6 - 44		131	136	267
45 - 52		117	190	307
54 - 60		101	222	323
61 - 70		84	215	299
71 - 87		39	93	132

### **spwcr\_f: Spouse WI centile rank based on converted freshman Henmon-Nelson score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	520	725	1245
-2	INAPPROPRIATE INAP	827	508	1335
1 - 17		136	150	286
19 - 35		101	170	271
41 - 58		85	178	263
61 - 81		78	187	265
84 - 99		61	164	225

### **spncr\_f: Spouse National centile rank based on converted freshman Henmon-Nelson score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	509	719	1228
-2	INAPPROPRIATE INAP	827	507	1334
0 - 25		131	136	267
28 - 47		117	190	307
53 - 70		101	222	323
73 - 91		84	215	299
92 - 99		39	93	132

## **spwiiq\_p: Spouse WI IQ based on the conversion of sophomore raw Henmon-Nelson score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	509	719	1228
-2	INAPPROPRIATE INAP	1187	1344	2531
61 - 87		20	8	28
88 - 98		28	3	31
99 - 106		24	4	28
107 - 120		27	2	29
121 - 129		13	2	15

## **sphnrs\_p: Spouse converted sophomore Henmon-Nelson score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	509	719	1228
-2	INAPPROPRIATE INAP	1187	1344	2531
14 - 46		20	8	28
47 - 55		28	3	31
56 - 61		24	4	28
62 - 71		27	2	29
72 - 77		13	2	15



### **spwcr\_p: Spouse WI centile rank based on converted sophomore Henmon-Nelson score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	509	719	1228
-2	INAPPROPRIATE INAP	1187	1344	2531
0 - 19		20	8	28
21 - 45		28	3	31
48 - 65		24	4	28
68 - 90		27	2	29
91 - 97		13	2	15

### **spncr\_p: Spouse National centile rank based on converted sophomore Henmon-Nelson score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	509	719	1228
-2	INAPPROPRIATE INAP	1187	1344	2531
0 - 30		20	8	28
33 - 56		28	3	31
59 - 73		24	4	28
75 - 92		27	2	29
93 - 95		13	2	15

## **spwiiq\_j: Spouse WI IQ based on the conversion of junior Henmon-Nelson score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	509	719	1228
-2	INAPPROPRIATE INAP	398	326	724
61 - 89		225	186	411
91 - 98		184	217	401
99 - 106		161	231	392
107 - 115		186	221	407
117 - 139		145	182	327

## **sphnrs\_j: Spouse converted junior Henmon-Nelson score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	509	719	1228
-2	INAPPROPRIATE INAP	393	325	718
4 - 48		225	186	411
49 - 55		184	217	401
56 - 61		161	231	392
62 - 68		186	221	407
69 - 84		150	183	333

### **spwcr\_j: Spouse WI centile rank based on converted junior Henmon-Nelson score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	509	719	1228
-2	INAPPROPRIATE INAP	398	326	724
0 - 23		225	186	411
26 - 45		184	217	401
48 - 65		161	231	392
68 - 84		186	221	407
86 - 99		145	182	327

### **spncr\_j: Spouse National centile rank based on converted junior Henmon-Nelson score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	509	719	1228
-2	INAPPROPRIATE INAP	393	325	718
0 - 36		225	186	411
38 - 56		184	217	401
59 - 73		161	231	392
75 - 88		186	221	407
90 - 98		150	183	333

## **spwiiq\_s: Spouse WI IQ based on the conversion of senior Henmon-Nelson score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	509	719	1228
-2	INAPPROPRIATE INAP	1269	1349	2618
61 - 79		5	3	8
81 - 94		5	3	8
98 - 101		6	2	8
102 - 109		7	1	8
111 - 133		7	5	12

## **sphnrs\_s: Spouse converted senior Henmon-Nelson score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	509	719	1228
-2	INAPPROPRIATE INAP	1268	1348	2616
16 - 41		6	3	9
44 - 55		6	4	10
56 - 61		9	2	11
63 - 70		7	2	9
71 - 91		3	4	7

### **spwic\_s: Spouse WI centile rank based on converted senior Henmon-Nelson score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	509	719	1228
-2	INAPPROPRIATE INAP	1269	1349	2618
0 - 8		5	3	8
10 - 35		5	3	8
45 - 51		6	2	8
55 - 71		7	1	8
76 - 98		7	5	12

### **spncr\_s: Spouse National centile rank based on converted senior Henmon-Nelson score**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	509	719	1228
-2	INAPPROPRIATE INAP	1268	1349	2617
1 - 19		6	3	9
25 - 56		6	4	10
59 - 73		9	2	11
78 - 91		7	2	9
92 - 98		3	3	6

**fbook\_flag: Difference in years between estimated graduation and WI book score was found in for freshman**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1334	1208	2542
-14		0	1	1
-3	REFUSED	0	2	2
-2	INAPPROPRIATE INAP	1	2	3
-1	DON'T KNOW	10	7	17
0		69	66	135
1		388	791	1179
2		2	2	4
3		3	1	4
7		0	1	1
11		1	0	1
12		0	1	1

**pbook\_flag: Difference in years between estimated graduation and WI book score was found in for sophomores**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1693	2012	3705
-16	NOT ASCERTAINED (NEVER WENT TO USUAL PLACE)	1	0	1
-1	DON'T KNOW	1	1	2
0		109	42	151
1		3	27	30
2		1	0	1

**jbook\_flag: Difference in years between estimated graduation and WI book score was found in for juniors**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
Source variables: none

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	898	1021	1919
-27	NOT ASKED OF PROXY	0	4	4
-3	REFUSED	0	2	2
-2	INAPPROPRIATE INAP	1	3	4
-1	DON'T KNOW	14	15	29
0		857	934	1791
1		35	102	137
2		2	0	2
3		1	1	2

**sbook\_flag: Difference in years between estimated graduation and WI book score was found in for seniors**

Data source: Graduate Spouse Respondent    Collected in: 1957    Mode: Not Applicable  
 Source variables: none

<b>Frequencies</b>				
<b>Value</b>	<b>Label</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
.	System missing - NR	1774	2041	3815
0		31	26	57
1		3	14	17
2		0	1	1



## Table of Contents

Grad Spouse IQ . . . . .	1
spwiiq_bm: Best measure of spouse IQ mapped from converted Henmon-Nelson score . . .	3
sphnrs_bm: Best measure of spouse Henmon-Nelson raw score . . . . .	3
spwicr_bm: Best measure of spouse WI centile rank based on converted Henmon-Nelson score	4
spncr_bm: Best measure of spouse National centile rank based on converted Henmon-Nelson score . . . . .	4
spbook_flag_bm: Best measure of years difference between estimated graduation and WI book found in . . . . .	5
iqsource: The grade level in which raw Henmon-Nelson scores were converted into best measure IQ score . . . . .	5
spwiiq_f: Spouse WI IQ based on the conversion of freshman raw Henmon-Nelson score . .	6
sphnrs_f: Spouse converted freshman Henmon-Nelson score . . . . .	6
spwicr_f: Spouse WI centile rank based on converted freshman Henmon-Nelson score . .	7
spncr_f: Spouse National centile rank based on converted freshman Henmon-Nelson score .	7
spwiiq_p: Spouse WI IQ based on the conversion of sophomore raw Henmon-Nelson score .	8
sphnrs_p: Spouse converted sophomore Henmon-Nelson score . . . . .	8
spwicr_p: Spouse WI centile rank based on converted sophomore Henmon-Nelson score . .	9
spncr_p: Spouse National centile rank based on converted sophomore Henmon-Nelson score .	9
spwiiq_j: Spouse WI IQ based on the conversion of junior Henmon-Nelson score . . . .	10
sphnrs_j: Spouse converted junior Henmon-Nelson score . . . . .	10
spwicr_j: Spouse WI centile rank based on converted junior Henmon-Nelson score . . . .	11
spncr_j: Spouse National centile rank based on converted junior Henmon-Nelson score . .	11
spwiiq_s: Spouse WI IQ based on the conversion of senior Henmon-Nelson score . . . .	12
sphnrs_s: Spouse converted senior Henmon-Nelson score . . . . .	12
spwicr_s: Spouse WI centile rank based on converted senior Henmon-Nelson score . . . .	13
spncr_s: Spouse National centile rank based on converted senior Henmon-Nelson score . .	13
fbook_flag: Difference in years between estimated graduation and WI book score was found in for freshman . . . . .	14
pbook_flag: Difference in years between estimated graduation and WI book score was found in for sophomores . . . . .	14
jbook_flag: Difference in years between estimated graduation and WI book score was found in for juniors . . . . .	15
sbook_flag: Difference in years between estimated graduation and WI book score was found in for seniors . . . . .	15