

## Mail: Depression

mu001rec	Summary score for clinical evaluation (CESDi).
mu002re	Number of clinical depression questions answered.
mu003rer-mu022rer	Clinical depression items.
mu023rer-mu025rer	Hostility items.
mu026rec	Hostility index (sum of items).
mu027re	Number of hostility items answered.

### mu001rec: Summary score for psychological distress/depression - modified CES-D.

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18, 18a, 18b, 18c, 18d, 18e, 18f, 18g, 18h, 18i, 18j, 18k, 18l, 18m, 18n, 18o, 18p, 18q, 18r, 18s, 18t  
Revisions: Updated 3/97

		Frequencies		
Value	Label	Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	REFUSED/ NOT ASCERTAINED (MU002RE < 10)	33	35	68
0	LOWEST POSSIBLE	207	174	381
1 - 6		707	724	1431
7 - 11		622	732	1354
12 - 18		676	736	1412
19 - 30		578	719	1297
31 - 126		369	563	932

Note: See mu003rer, mu004rer, mu005rer, mu006rer, mu007rer, mu008rer, mu009rer, mu010rer, mu011rer, mu012rer, mu013rer, mu014rer, mu015rer, mu016rer, mu017rer, mu018rer, mu019rer, mu020rer, mu021rer, mu022rer.

The questions used to calculate MU001REC are the same as those used for the standard CES-D. The scoring method differs. MU001REC is a sum of days R experienced the event. The standard method collapses days into < 1, 1-2, 3-4 and 5-7 and codes those 0 - 3 respectively; then sums those codes resulting in a scores from 0-60.

See MU002RE for number of questions answered.

Some respondents answered the first few questions and then stopped. If these respondents answered at least 10 questions, then a sum is computed. Other respondents answered questions scattered throughout page 8 and left the remainder of the questions blank. It was assumed that these respondents only answered the questions that applied to them. If at least 3 items throughout the page were answered and all items answered received a nonzero response; a sum was computed for MU001REC using 0 as the score for unanswered questions. These cases have a code of "20" for MU002RE. The level of psychological distress /depression can range from 0 (the lowest possible) to 140 (the highest possible).

Additional CESDi items can be found in the 1992-93 Wisconsin Longitudinal Study phone instrument. See items RU002RE-RU020RE.

There was an error in this variable in versions of the data prior to March 26, 1997. See Change Notice #7 for a detailed description of the error.

Questions: 18 18d 18g 18n and 18p were reverse coded prior to summing.

**mu002re: Number of psychological distress/depression - modified CES-D items answered.**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail

Source variables: 18a, 18b, 18c, 18d, 18e, 18f, 18g, 18h, 18i, 18j, 18k, 18l, 18m, 18n, 18o, 18p, 18q, 18r, 18s, 18t

Revisions: Updated 3/97

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
0		25	28	53
1		3	2	5
2		4	1	5
4		0	3	3
5		0	1	1
9		1	0	1
10		0	2	2
11		0	1	1
12		0	1	1
13		1	1	2
14		1	1	2
15		1	2	3
16		0	3	3
17		2	7	9
18		15	33	48
19		143	217	360
20		2996	3380	6376

Note: See mu003rer, mu004rer, mu005rer, mu006rer, mu007rer, mu008rer, mu009rer, mu010rer, mu011rer, mu012rer, mu013rer, mu014rer, mu015rer, mu016rer, mu017rer, mu018rer, mu019rer, mu020rer, mu021rer, mu022rer.

See Appendix G for references on evaluation of CESDi.

This variable was changed on the 3/26/97 update of the Wave 2 data.

See Change Notice #7 for a detailed description of this change.

**mu003rer: On how many days during the past week did you feel you could not shake off the blues even with help from your family and friends?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18a

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	62	60	122
0	Zero Days	2574	2828	5402
1	One Day	318	440	758
2	Two Days	111	165	276
3	Three Days	59	86	145
4	Four Days	28	32	60
5	Five Days	16	37	53
6	Six Days	3	12	15
7	Seven Days	21	23	44

**mu004rer: On how many days during the past week did you feel  
bothered by things that usually don't bother you?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18b

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	64	70	134
0	Zero Days	2140	2285	4425
1	One Day	635	836	1471
2	Two Days	221	293	514
3	Three Days	74	105	179
4	Four Days	26	39	65
5	Five Days	18	29	47
6	Six Days	0	7	7
7	Seven Days	14	19	33

**mu005rer: On how many days during the past week did you think your life had been a failure?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18c

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	60	64	124
0	Zero Days	2726	3096	5822
1	One Day	231	286	517
2	Two Days	75	91	166
3	Three Days	37	58	95
4	Four Days	21	27	48
5	Five Days	16	28	44
6	Six Days	5	6	11
7	Seven Days	21	27	48

**mu006rer: On how many days during the past week did you feel happy?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18d

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	59	81	140
0	Zero Days	58	60	118
1	One Day	52	55	107
2	Two Days	145	139	284
3	Three Days	235	202	437
4	Four Days	389	364	753
5	Five Days	596	681	1277
6	Six Days	595	749	1344
7	Seven Days	1063	1352	2415

Note: This is the raw data from the survey. This variable was reverse coded before the creation of the summary variable - MU001REC.

**mu007rer: On how many days during the past week did you feel that people were unfriendly?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18e

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	75	68	143
0	Zero Days	1863	2214	4077
1	One Day	725	860	1585
2	Two Days	298	296	594
3	Three Days	99	106	205
4	Four Days	63	45	108
5	Five Days	32	47	79
6	Six Days	16	25	41
7	Seven Days	21	22	43

**mu008rer: On how many days during the past week did you feel lonely?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18f

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	66	67	133
0	Zero Days	2278	2253	4531
1	One Day	392	624	1016
2	Two Days	193	317	510
3	Three Days	102	145	247
4	Four Days	63	90	153
5	Five Days	43	76	119
6	Six Days	5	38	43
7	Seven Days	50	73	123

**mu009rer: On how many days during the past week did you enjoy life?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18g

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	43	64	107
0	Zero Days	74	67	141
1	One Day	60	73	133
2	Two Days	106	104	210
3	Three Days	160	195	355
4	Four Days	210	268	478
5	Five Days	364	424	788
6	Six Days	461	540	1001
7	Seven Days	1714	1948	3662



Note: This is the raw data from the survey. This variable was reverse coded before the creation of the summary variable - MU001REC.

**mu010rer: On how many days during the past week did you have crying spells?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18h

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	62	69	131
0	Zero Days	3060	3072	6132
1	One Day	48	304	352
2	Two Days	11	117	128
3	Three Days	2	42	44
4	Four Days	1	31	32
5	Five Days	3	22	25
6	Six Days	3	8	11
7	Seven Days	2	18	20

**mu011rer: On how many days during the past week did you feel that people disliked you?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18i

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	64	56	120
0	Zero Days	2430	2742	5172
1	One Day	442	578	1020
2	Two Days	158	168	326
3	Three Days	50	64	114
4	Four Days	17	21	38
5	Five Days	13	18	31
6	Six Days	3	9	12
7	Seven Days	15	27	42

### **mu012rer: On how many days during the past week did you feel sad?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18j

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	57	66	123
0	Zero Days	1980	1626	3606
1	One Day	661	1059	1720
2	Two Days	280	487	767
3	Three Days	93	192	285
4	Four Days	50	97	147
5	Five Days	31	56	87
6	Six Days	6	34	40
7	Seven Days	34	66	100

**mu013rer: On how many days during the past week did you feel depressed?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18k

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	64	60	124
0	Zero Days	2175	2271	4446
1	One Day	520	747	1267
2	Two Days	233	293	526
3	Three Days	91	121	212
4	Four Days	37	69	106
5	Five Days	28	52	80
6	Six Days	10	24	34
7	Seven Days	34	46	80

**mu014rer: On how many days during the past week did you have trouble keeping your mind on what you were doing?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18l

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	61	65	126
0	Zero Days	1766	1931	3697
1	One Day	681	875	1556
2	Two Days	402	449	851
3	Three Days	154	167	321
4	Four Days	59	79	138
5	Five Days	35	51	86
6	Six Days	8	21	29
7	Seven Days	26	45	71

**mu015rer: On how many days during the past week did you not feel like eating, your appetite was poor?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18m

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	61	53	114
0	Zero Days	2773	3124	5897
1	One Day	203	243	446
2	Two Days	82	99	181
3	Three Days	33	63	96
4	Four Days	12	36	48
5	Five Days	7	28	35
6	Six Days	5	15	20
7	Seven Days	16	22	38

**mu016rer: On how many days during the past week did you feel you were just as good as other people?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18n

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	72	76	148
0	Zero Days	310	340	650
1	One Day	51	86	137
2	Two Days	57	95	152
3	Three Days	87	130	217
4	Four Days	114	172	286
5	Five Days	230	275	505
6	Six Days	274	414	688
7	Seven Days	1997	2095	4092

Note: This is the raw data from the survey. This variable was reverse coded before the creation of the summary variable - MU001REC.

**mu017rer: On how many days during the past week did you feel everything you did was an effort?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18o

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	62	67	129
0	Zero Days	1747	1998	3745
1	One Day	693	792	1485
2	Two Days	317	383	700
3	Three Days	116	165	281
4	Four Days	68	82	150
5	Five Days	67	77	144
6	Six Days	33	33	66
7	Seven Days	89	86	175

**mu018rer: On how many days during the past week did you feel hopeful about the future?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18p

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	53	74	127
0	Zero Days	231	281	512
1	One Day	109	131	240
2	Two Days	146	166	312
3	Three Days	206	198	404
4	Four Days	262	338	600
5	Five Days	367	417	784
6	Six Days	375	475	850
7	Seven Days	1443	1603	3046

Note: This is the raw data from the survey. This variable was reverse coded before the creation of the summary variable - MU001REC.

### **mu019rer: On how many days during the past week did you feel fearful?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18q



Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	74	77	151
0	Zero Days	2290	2359	4649
1	One Day	409	634	1043
2	Two Days	189	266	455
3	Three Days	98	128	226
4	Four Days	54	81	135
5	Five Days	29	52	81
6	Six Days	12	23	35
7	Seven Days	37	63	100

**mu020rer: On how many days during the past week did you sleep restlessly?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18r

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	58	55	113
0	Zero Days	1518	1460	2978
1	One Day	637	811	1448
2	Two Days	428	547	975
3	Three Days	206	292	498
4	Four Days	117	156	273
5	Five Days	78	119	197
6	Six Days	45	87	132
7	Seven Days	105	156	261

**mu021rer: On how many days during the past week did you talk less than usual?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18s

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	66	66	132
0	Zero Days	1989	2157	4146
1	One Day	607	791	1398
2	Two Days	344	391	735
3	Three Days	100	143	243
4	Four Days	42	61	103
5	Five Days	20	36	56
6	Six Days	12	22	34
7	Seven Days	12	16	28

**mu022rer: On how many days during the past week did you feel you could not get going?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18t

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	59	68	127
0	Zero Days	1895	1758	3653
1	One Day	681	972	1653
2	Two Days	330	460	790
3	Three Days	107	206	313
4	Four Days	56	93	149
5	Five Days	29	60	89
6	Six Days	7	19	26
7	Seven Days	28	47	75

**mu023rer: On how many days during the past week did you feel irritable, or likely to fight or argue?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18u

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	62	60	122
0	Zero Days	1924	2061	3985
1	One Day	740	985	1725
2	Two Days	306	342	648
3	Three Days	99	136	235
4	Four Days	27	49	76
5	Five Days	16	24	40
6	Six Days	7	9	16
7	Seven Days	11	17	28

**mu024rer: On how many days during the past week did you feel like telling someone off?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18v

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	55	55	110
0	Zero Days	1800	2141	3941
1	One Day	773	929	1702
2	Two Days	314	325	639
3	Three Days	119	98	217
4	Four Days	53	61	114
5	Five Days	41	35	76
6	Six Days	7	11	18
7	Seven Days	30	28	58

**mu025rer: On how many days during the past week did you feel angry or hostile for several hours at a time?**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18w

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED	62	57	119
0	Zero Days	2460	2800	5260
1	One Day	421	547	968
2	Two Days	148	162	310
3	Three Days	55	51	106
4	Four Days	16	26	42
5	Five Days	15	15	30
6	Six Days	5	8	13
7	Seven Days	10	17	27

Note: Please see Appendix G - COR571A for references on Hostility items MU023RER-MU025RER.

### **mu026rec: Summary score for hostility.**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18u, 18v, 18w

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
-3	NOT ASCERTAINED/REFUSED, < 2 valid responses	59	54	113
0	LOWEST POSSIBLE	1422	1556	2978
1		508	630	1138
2		394	554	948
3 - 4		466	511	977
5 - 20		341	369	710
21	HIGHEST POSSIBLE	2	9	11

Note: See mu023rer, mu024rer, mu025rer.

MU026REC is coded with a sum if at least two of the three items (18u, 18v, 18w) recieved a valid response. The level of hostility can range from 0 (the lowest possible) to 21 (the highest possible). See MU027RE for the number of items included in the sum.

### **mu027re: Number of hostility items answered.**

Data source: Graduate Respondent    Collected in: 1992-93    Mode: mail  
Source variables: 18u, 18v, 18w

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	1799	1643	3442
0		52	49	101
1		7	5	12
2		9	15	24
3		3124	3614	6738

Note: See mu023rer, mu024rer, mu025rer.



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