

True North Health Center Integrative Care Outcomes Study - Self Reported Depression

Organization:	True North
Report Date:	05/07/09
Circle:	Research Circle & Misty Maller
Tool:	Research Circle & Sorcha Cribben Merrill & Misty Mallar
Data Set:	MSQ Sub Total Scores
MSQ Range:	8 - 171
Start Date:	01/16/07
End Date:	01/16/08
Length of Study (Days):	365
N:	80
Age Range	16 - 71
Average Age	46
Mode Age	42
Number of individual patients/clients seen at TN during study period:	1762
Number of individual patients/clients seen more than once at TN during study period:	1000
Number of individual patients/clients seen only once by TN during study period:	762
Percent of total patients/clients seen at TN during study period who are part of study:	4.5%
Percent of total patients/clients seen more than once at TN during study period who are part of study:	8.0%

MSQ SubTotal	Total	Positive Change	Negative Change	No Change
Patients	80	64	15	1
Percent of Total	100%	80.0%	18.8%	1.3%
Males (#):	12	10	2	0
Males (%):	15.0%	83.3%	16.7%	0.0%
Females (#):	68	54	13	1
Females (%):	85.0%	79.4%	19.1%	1.5%
MSQ SubTotal Change (Avg)	-18.6	-21.4	10.5	0.0
MSQ Low Starting Score	8.0	8.0	14.0	24.0
MSQ High Starting Score	171.0	171.0	123.0	24.0
Visits Total (#)	744	606	125	13
Visits (Avg)	9.4	9.6	8.3	13.0
Days Total (#)	10667.0	8187	2272	209
Days (Avg)	133.3	127.9	151.5	209.0
Visits per Month	2.1	2.3	1.7	1.9
Practitioners Seen (Avg)	1.90	1.81	2.33	1.00
Patients seeing Fx Med Only (#)	44.0	36.0	7.0	1.0
Patients seeing Fx Med Only (%)	55.0%	56.3%	46.7%	100.0%
Patients Seeing CAM Only (#)	16.0	12.0	4.0	0.0
Patients Seeing CAM Only (%)	20.0%	18.8%	26.7%	0.0%
Patient seeing both Fx Med and CAM (#)	19.0	15.0	4.0	0.0
Patient seeing both Fx Med and CAM (%)	23.8%	23.4%	26.7%	0.0%
Patients Seeing Non-Fx Med Primary Care Only(#)	0.0	0.0	0.0	0.0
Patients Seeing Non-Fx Med Primary Care Only (%)	0.0%	0.0%	0.0%	0.0%
Patients Seeing Fx Med and Non-Fx Med Primary Care Only (#)	0.0	0.0	0.0	0.0
Patients Seeing Fx Med and Non-Fx Med Primary Care Only (%)	0.0%	0.0%	0.0%	0.0%
Patient Payments (Total)	\$ 101,817	\$ 82,644	\$ 17,288	\$ 1,886
Patient Payment Avg (Total)	\$ 1,305	\$ 1,312	\$ 1,235	\$ 1,886
Patient Payments (Practitioner)	\$ 76,703	\$ 63,570	\$ 11,458	\$ 1,675
Patient Payment Avg (Practitioner)	\$ 971	\$ 1,009	\$ 764	\$ 1,675
Patient Payments (Store)	\$ 25,625	\$ 19,074	\$ 6,340	\$ 211
Patient Payment Avg (Store)	\$ 324	\$ 303	\$ 423	\$ 211
Depression MSQ Score (Improved)	42	39	3	0
Percent of Total	52.5%	60.9%	20.0%	0.0%
Depression MSQ Score (Worsened)	11	5	5	1
Percent of Total	13.8%	7.8%	33.3%	100.0%
Depression MSQ Score (No Change)	27	20	7	0
Percent of Total	33.8%	31.3%	46.7%	0.0%

Depression MSQ Score	Total	Positive Change	Negative Change	No Change
Patients	80	42	11	27
Percent of Total	100%	52.5%	13.8%	33.8%
Males (#):	12	6	2	4
Males (%):	15.0%	50.0%	16.7%	33.3%
Females (#):	68	36	9	23
Females (%):	85.0%	52.9%	13.2%	33.8%
Depression MSQ Change (Avg)	-0.8	-1.8	1.5	0.0

Notes:

The cost data represents the TOTAL costs for all visits and store purchases for each patient (within that one year period), not just those associated with visits when an MSQ was completed.

*Total Number of Non-Fx Med + Non-CAM includes only Chuck DeSieves

Lab draws and nursing services costs are captured. The actual cost of the Lab test itself (Ex. a Genova lab test) is not captured.

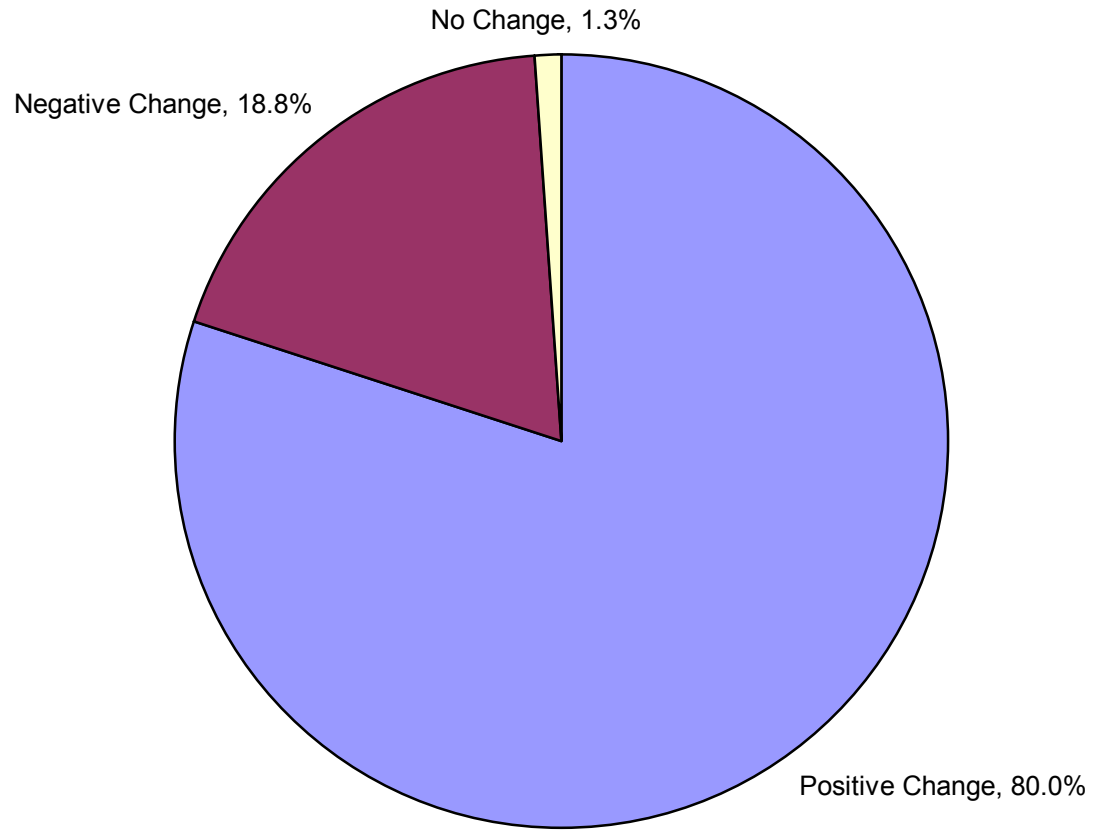
True North Health Center Integrative Care Outcomes Study - Self Reported Depression

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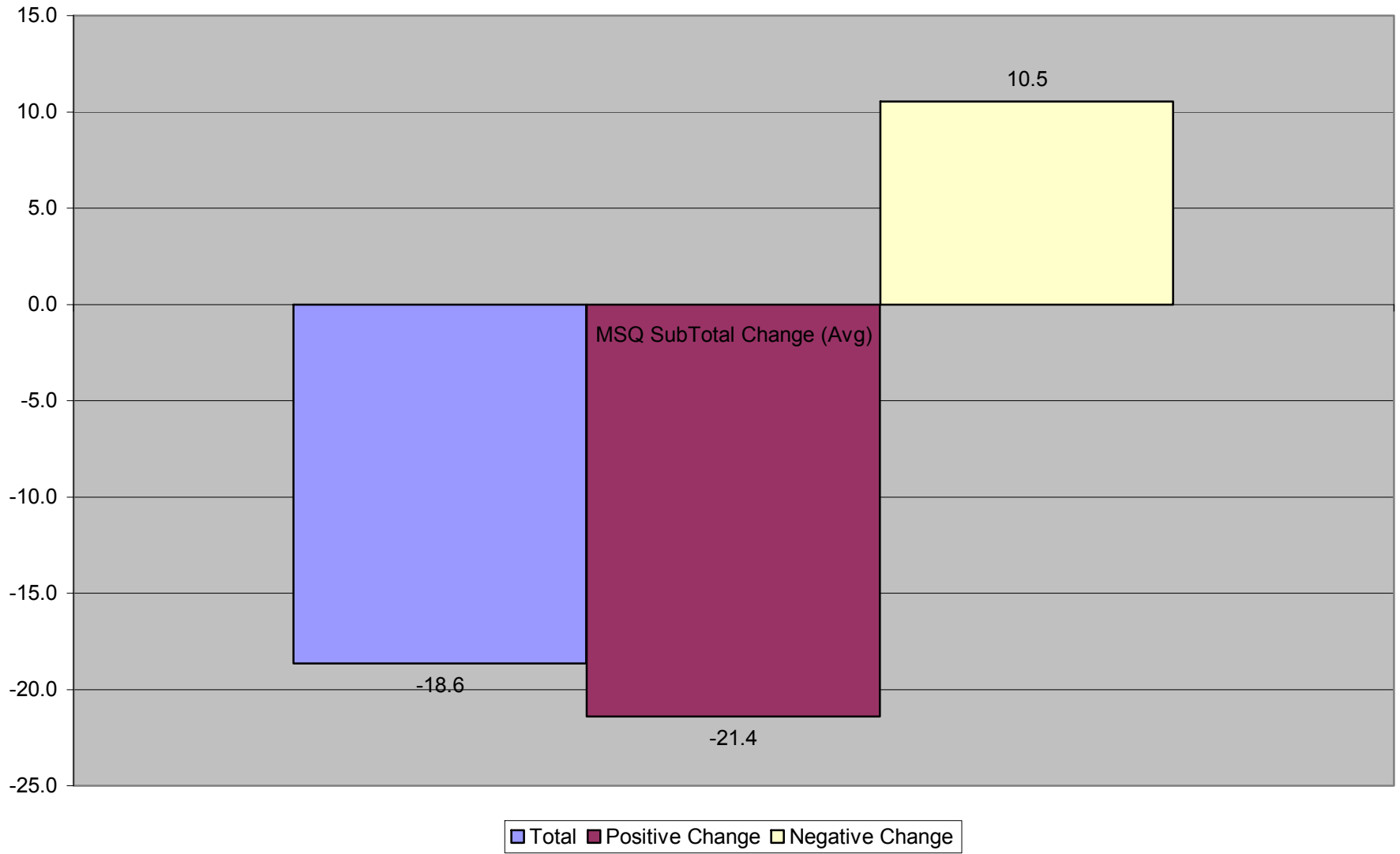
Male - Female MSQ SubTotal First and Last Score Comparison

	Total	Positive Change	Negative Change	No Change
Males (#):	12	10	2	0
Males (%):	15.0%	83.3%	16.7%	0.0%
Females (#):	68	54	13	1
Females (%):	85.0%	79.4%	19.1%	1.5%
	MALE	FEMALE	Variance	
MSQ SubTotal-First (Avg.)	52.8	51.1	1.6	
MSQ SubTotal-Last (Avg.)	29.7	37.1	-7.4	
MSQ Positive Change (Avg) Total	-29.3	-19.9	-9.4	
MSQ Negative Change (Avg) Total	8.0	10.2	-2.2	
Visits (Avg)	11.5	9.1	2.5	
Days (Avg)	84.3	142.0	-57.8	
Visits per Month	4.1	1.9	2.2	
Patient Payment Avg (Total)	\$ 1,595	\$ 1,258	\$ 337	
Patient Payment Avg (Practitioner)	\$ 1,296	\$ 918	\$ 378	
Patient Payment Avg (Store)	\$ 299	\$ 328	\$ (29)	

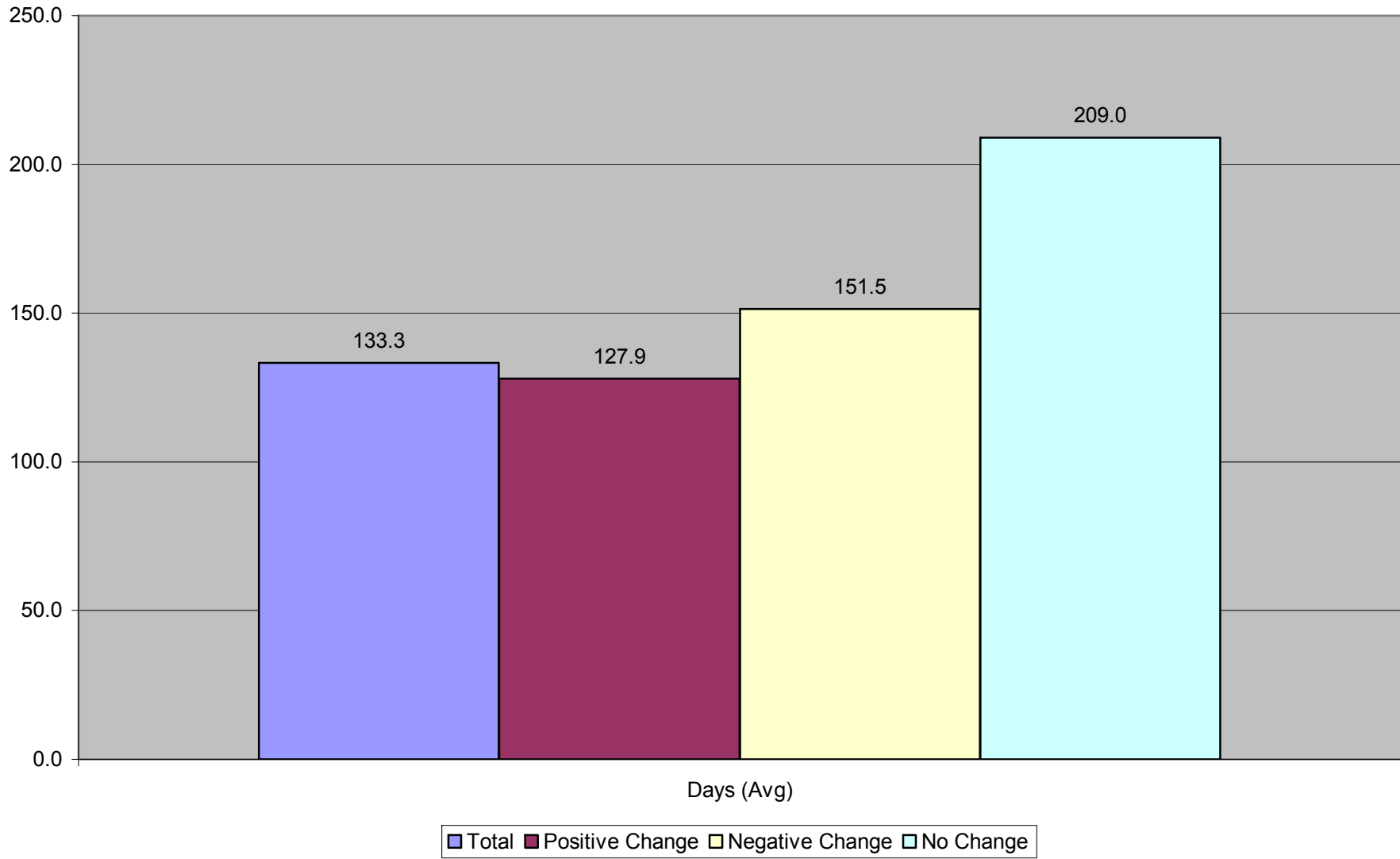
**MSQ SubTotal Change
As Percent of Total**



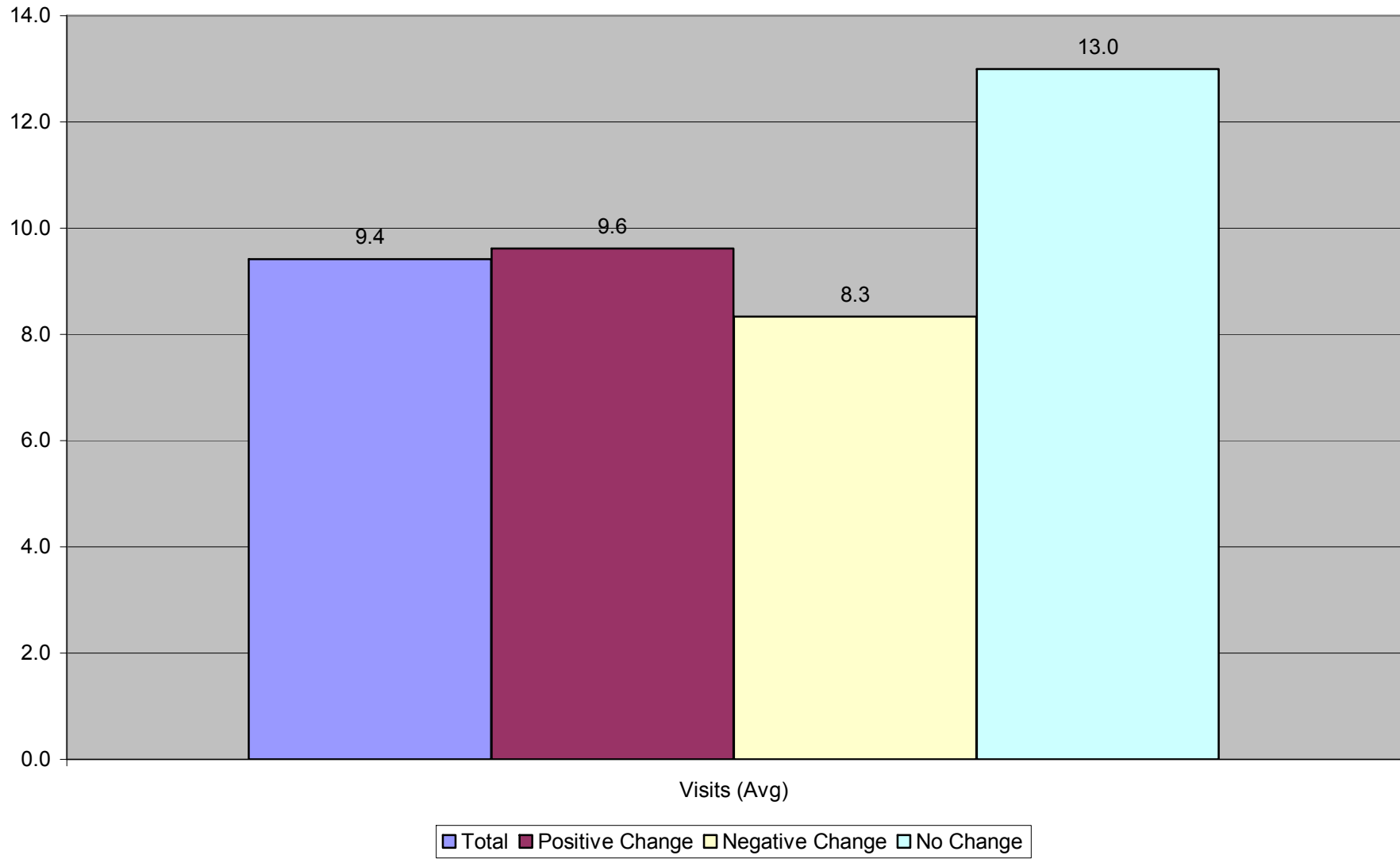
MSQ SubTotal Change



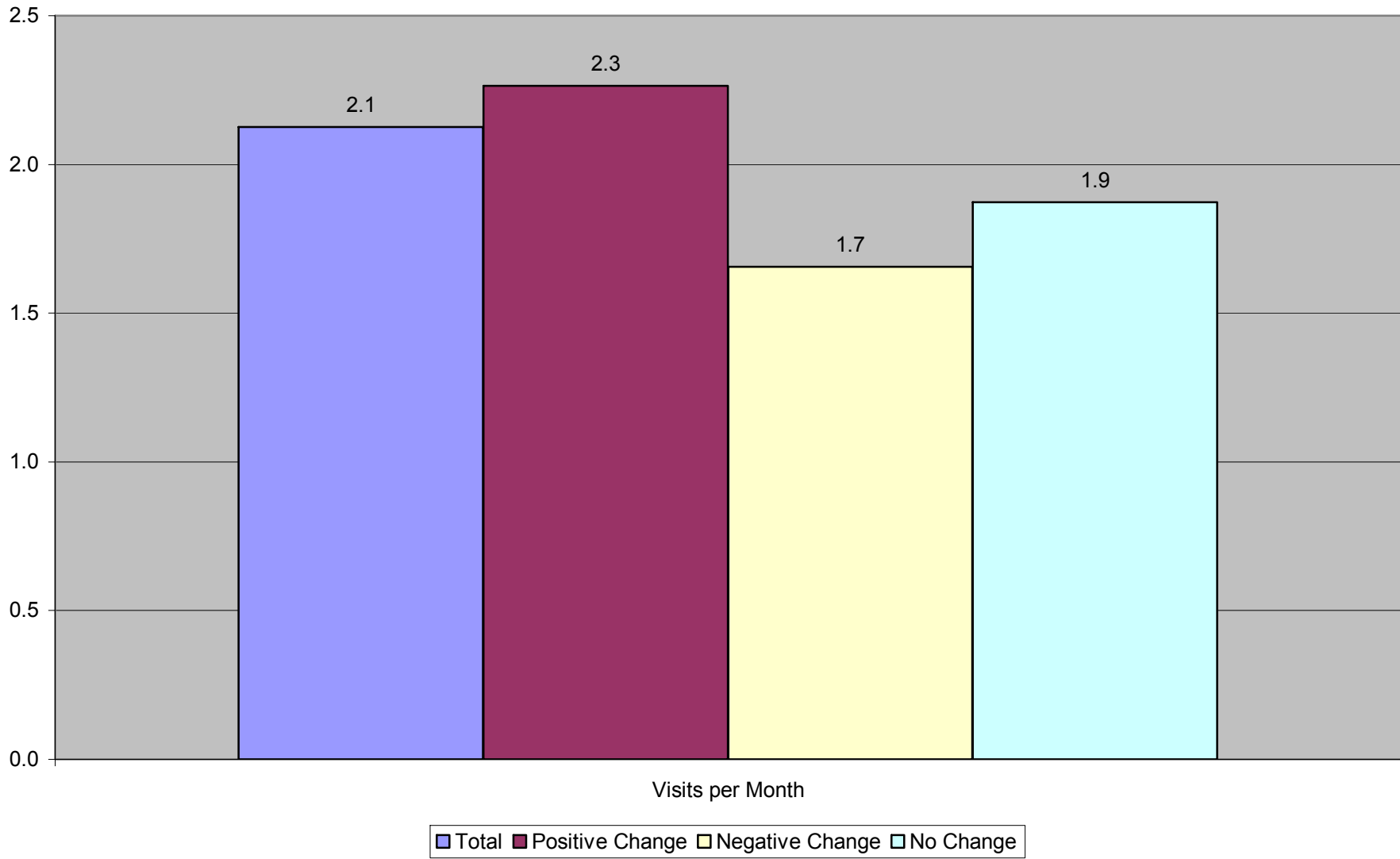
Days in Treatment Comparison



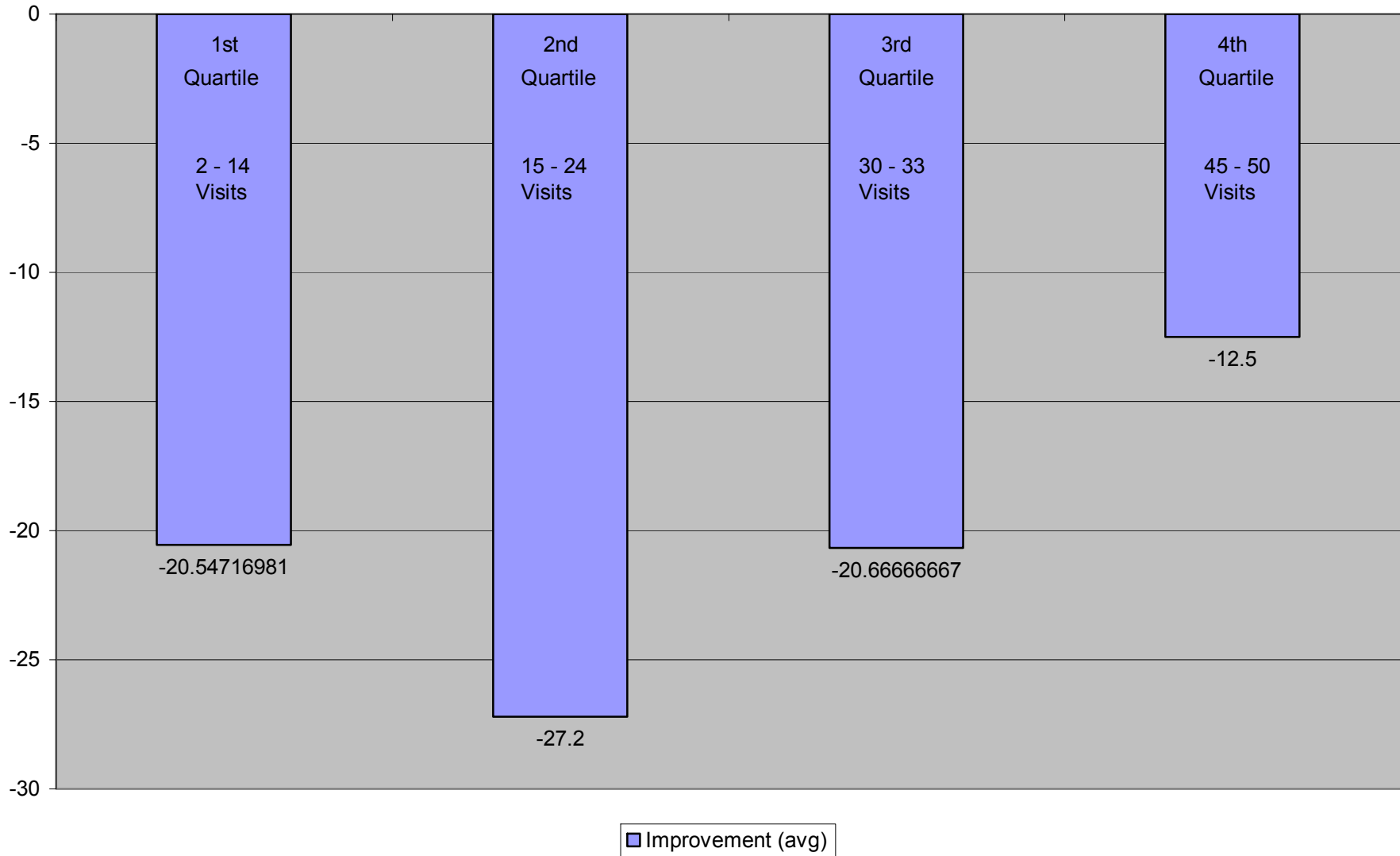
Visit Comparison



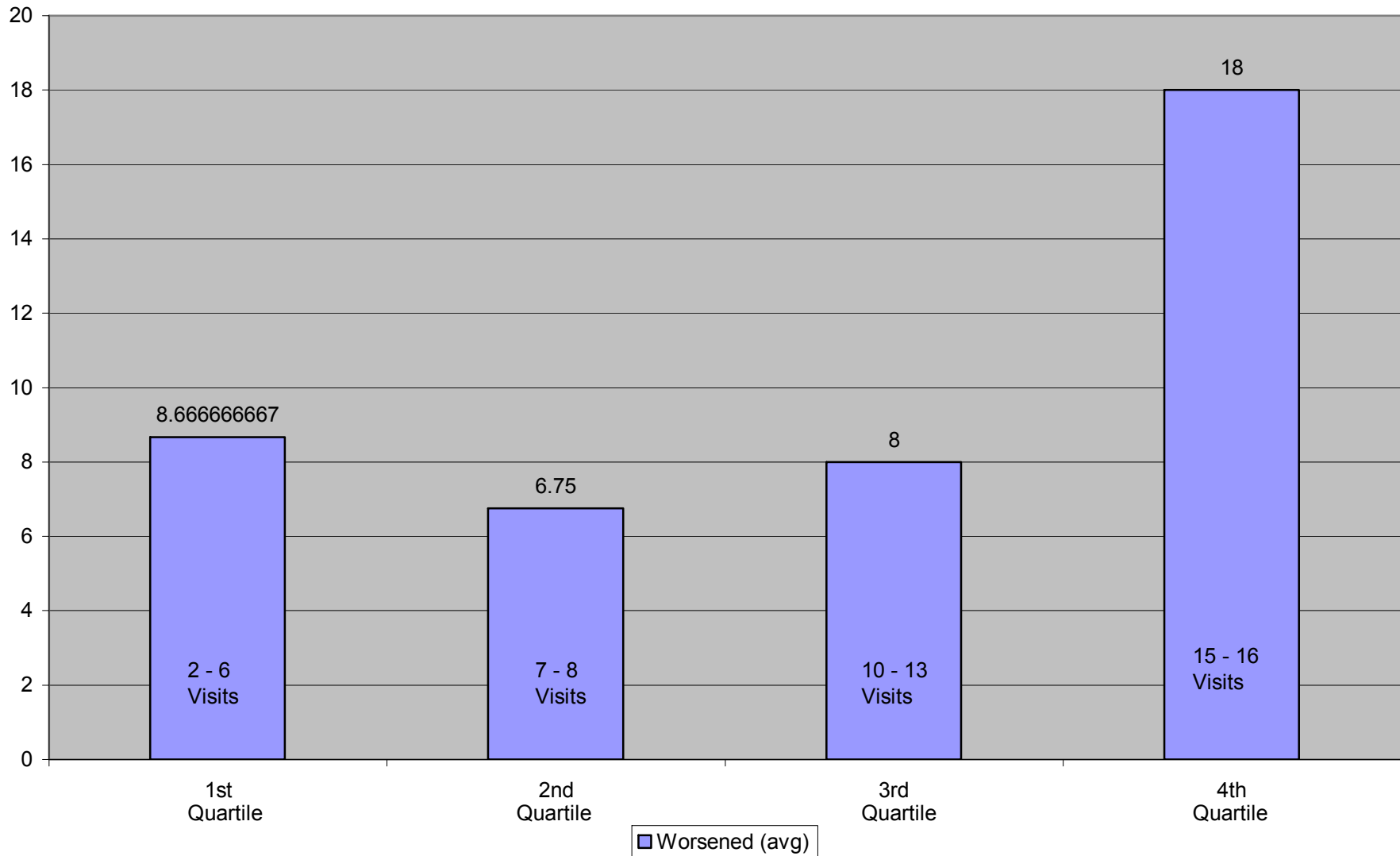
Patient Visits Per Month



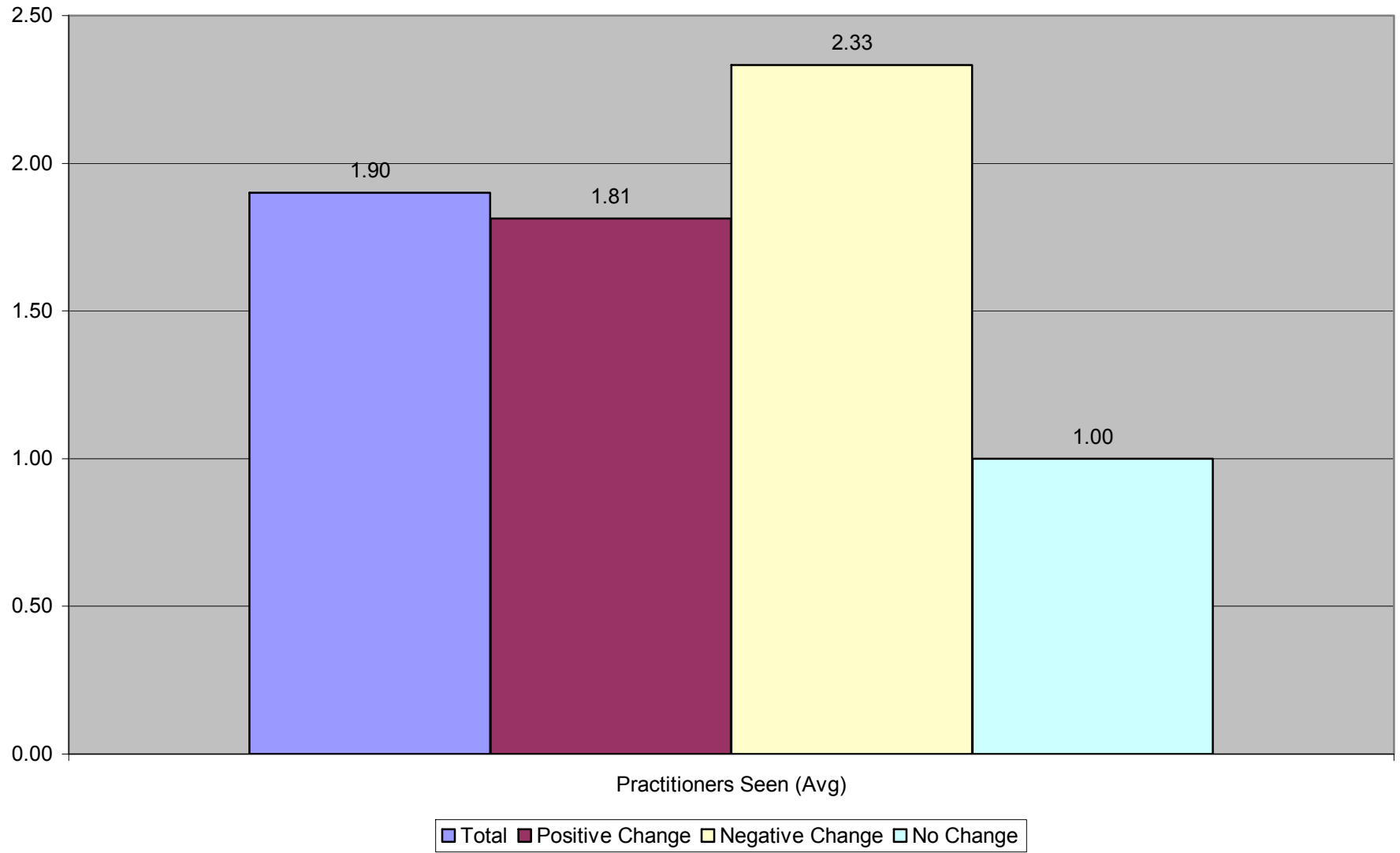
Visits (Quartiled) Correlation to Improved SubTotal MSQ Change Score (Avg.)



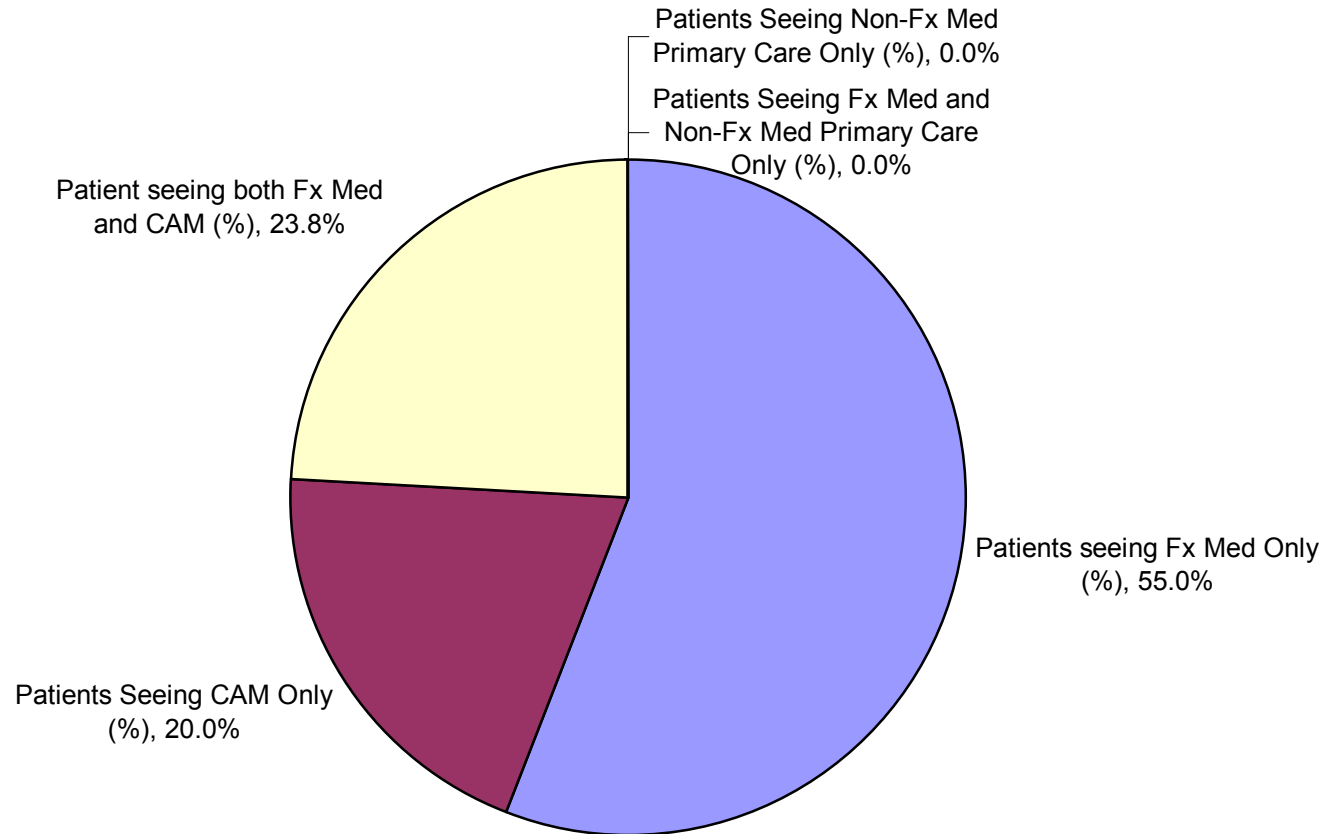
Visits (Quartiled) Correlation to Worsened SubTotal MSQ Change Score (Avg.)



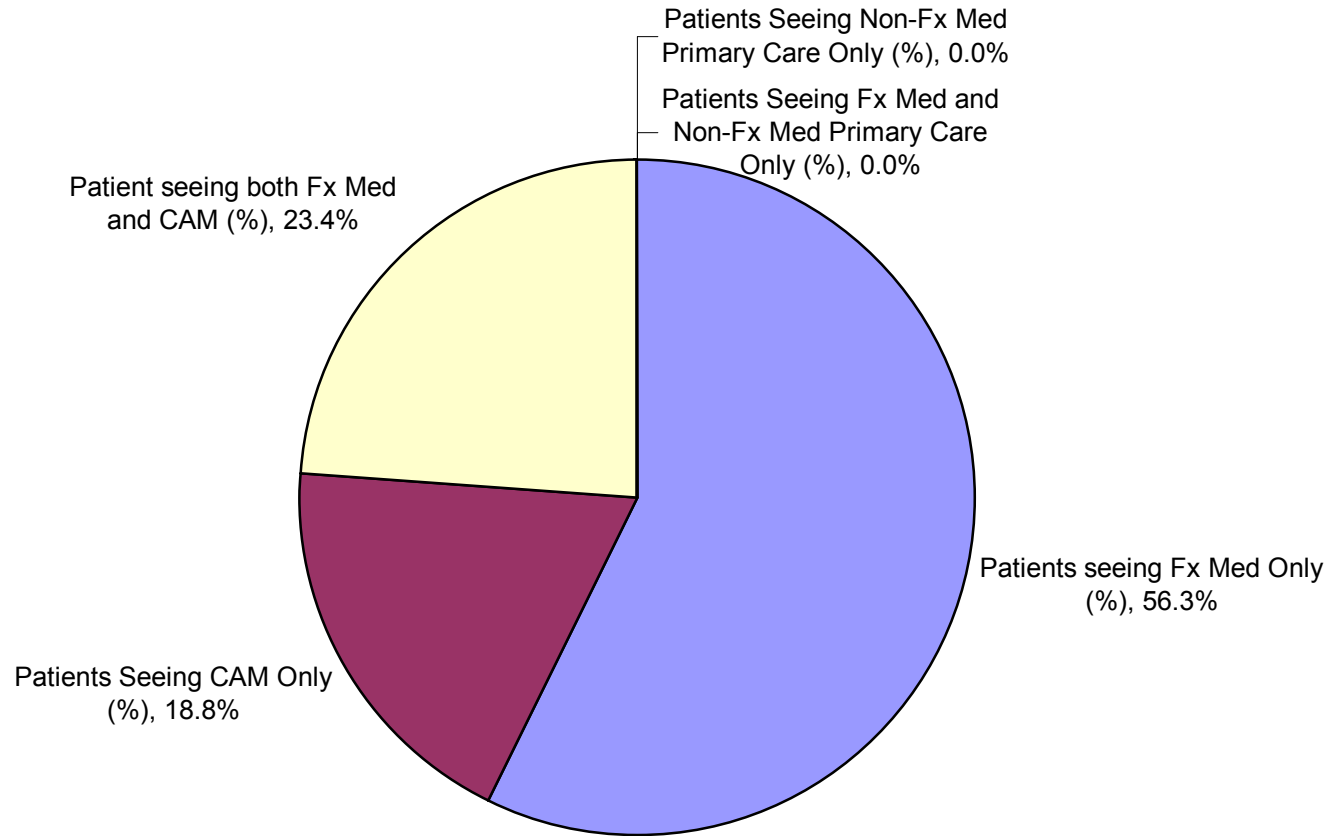
Practitioners Seen (#)



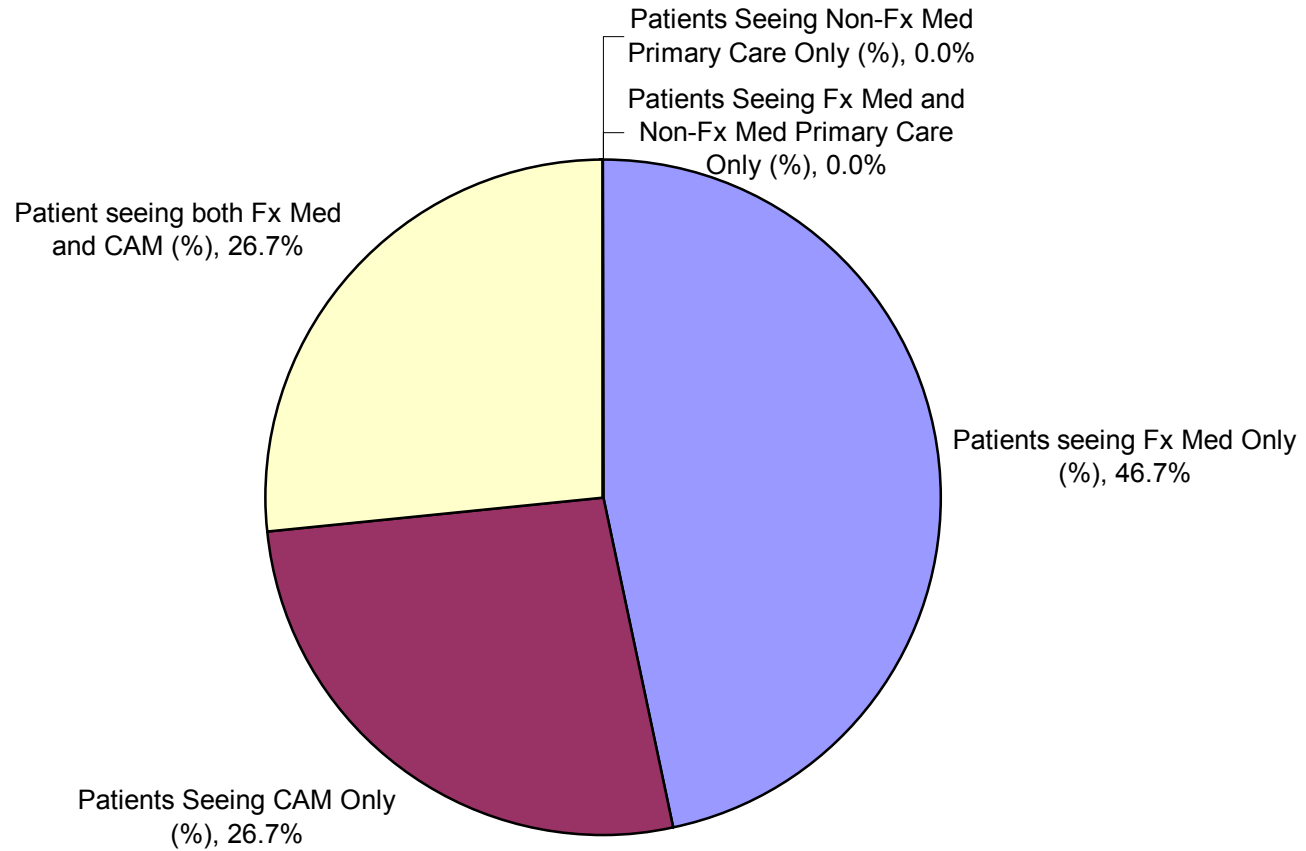
Practitioner Seen by Type - Total



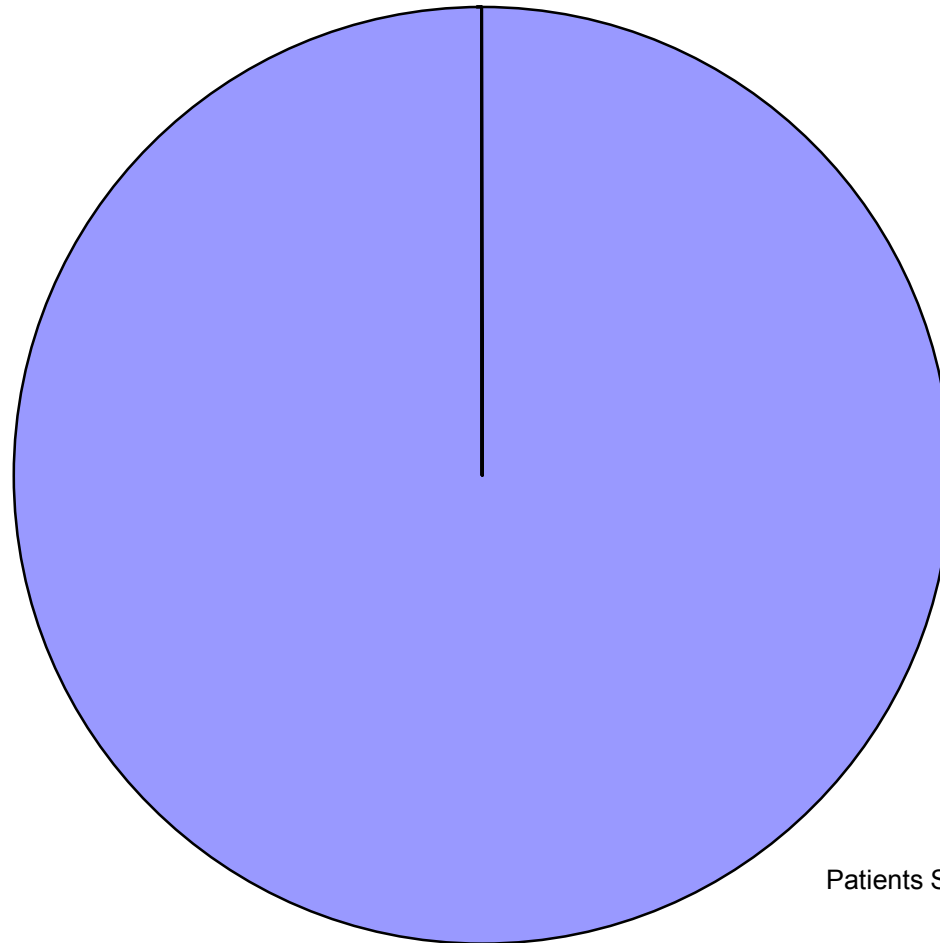
Practitioner Seen by Type - Improved



Practitioner Seen by Type - Worsened

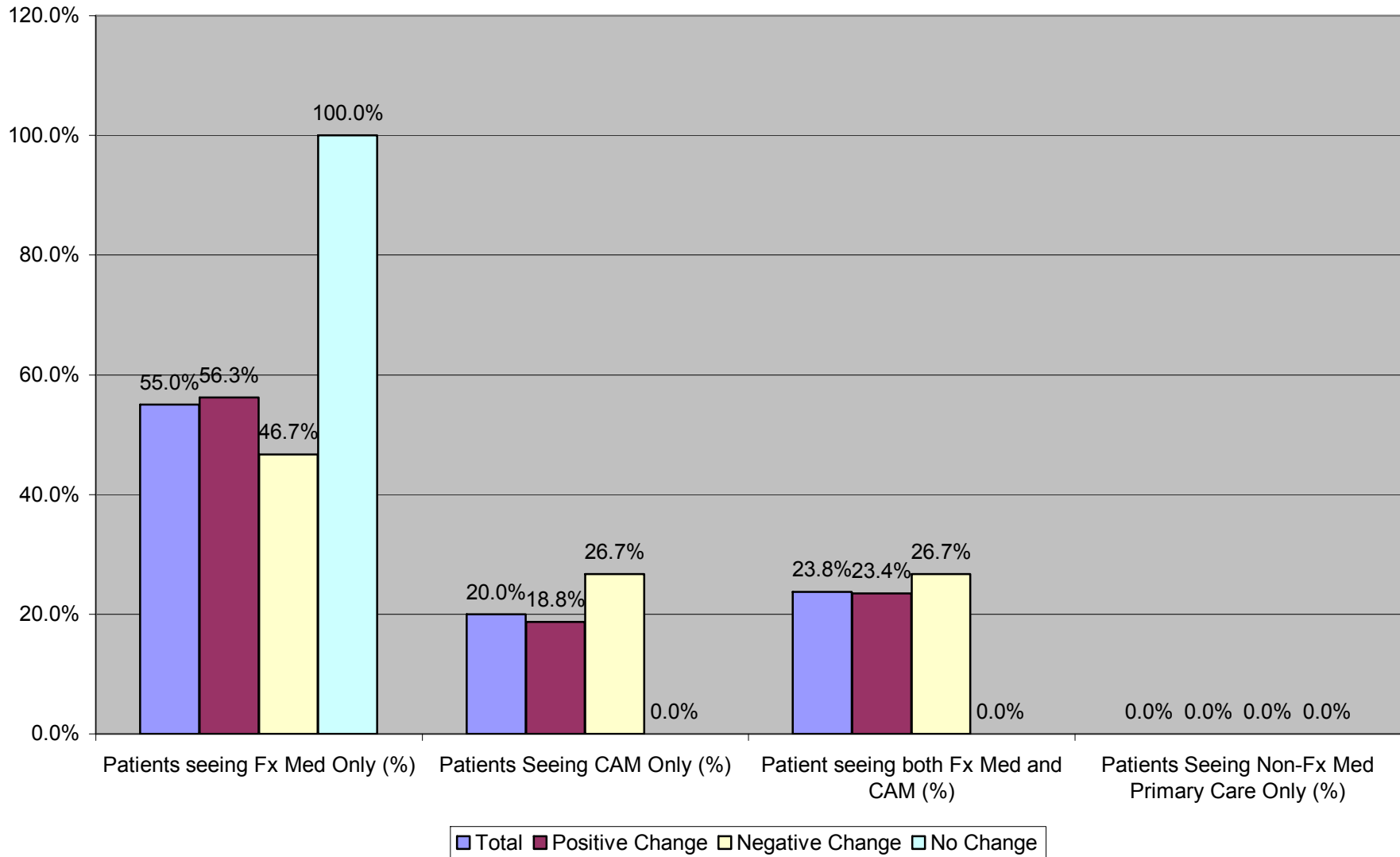


Practitioner Seen by Type - No Change

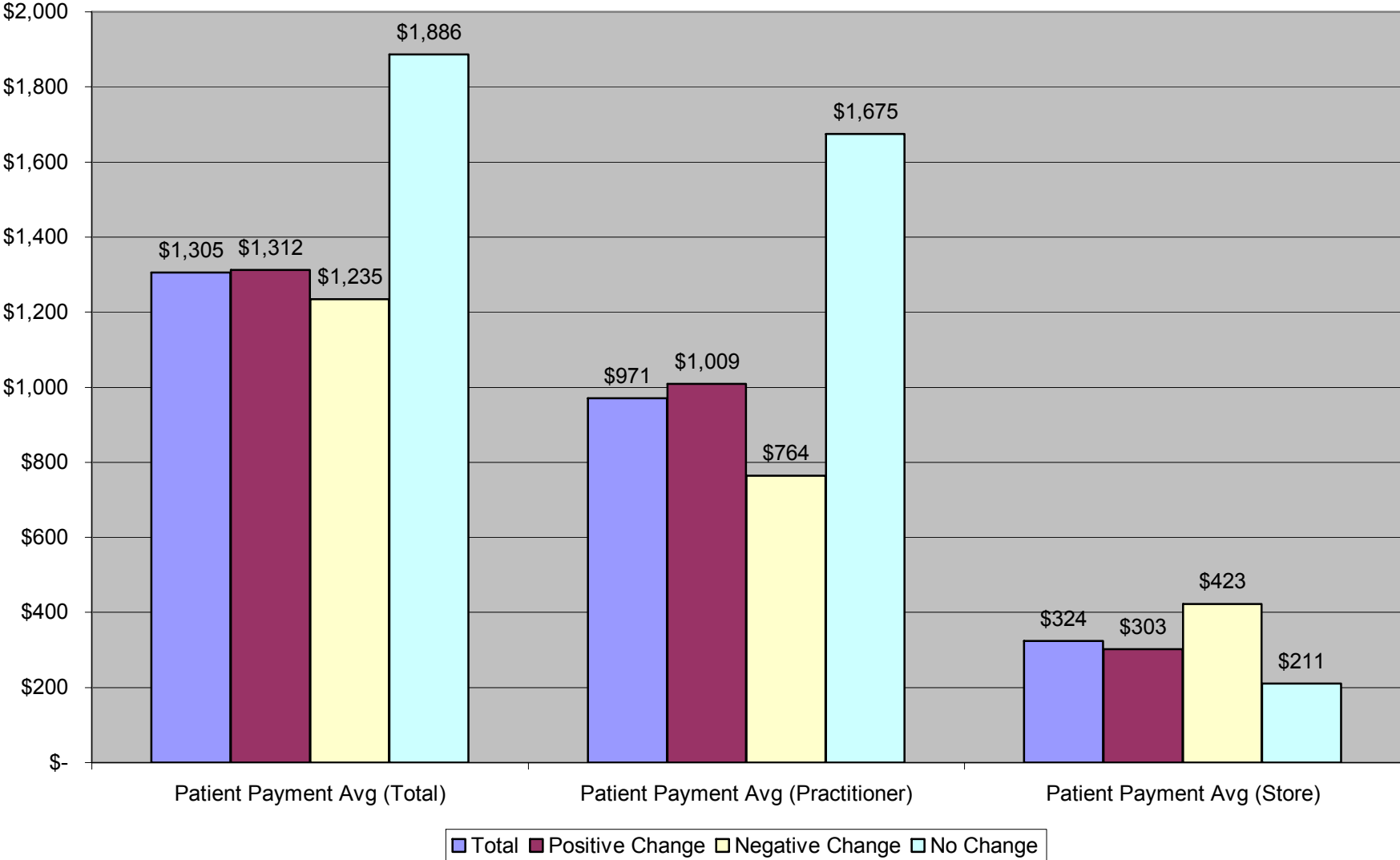


Patients Seeing Fx Med Only (100%)

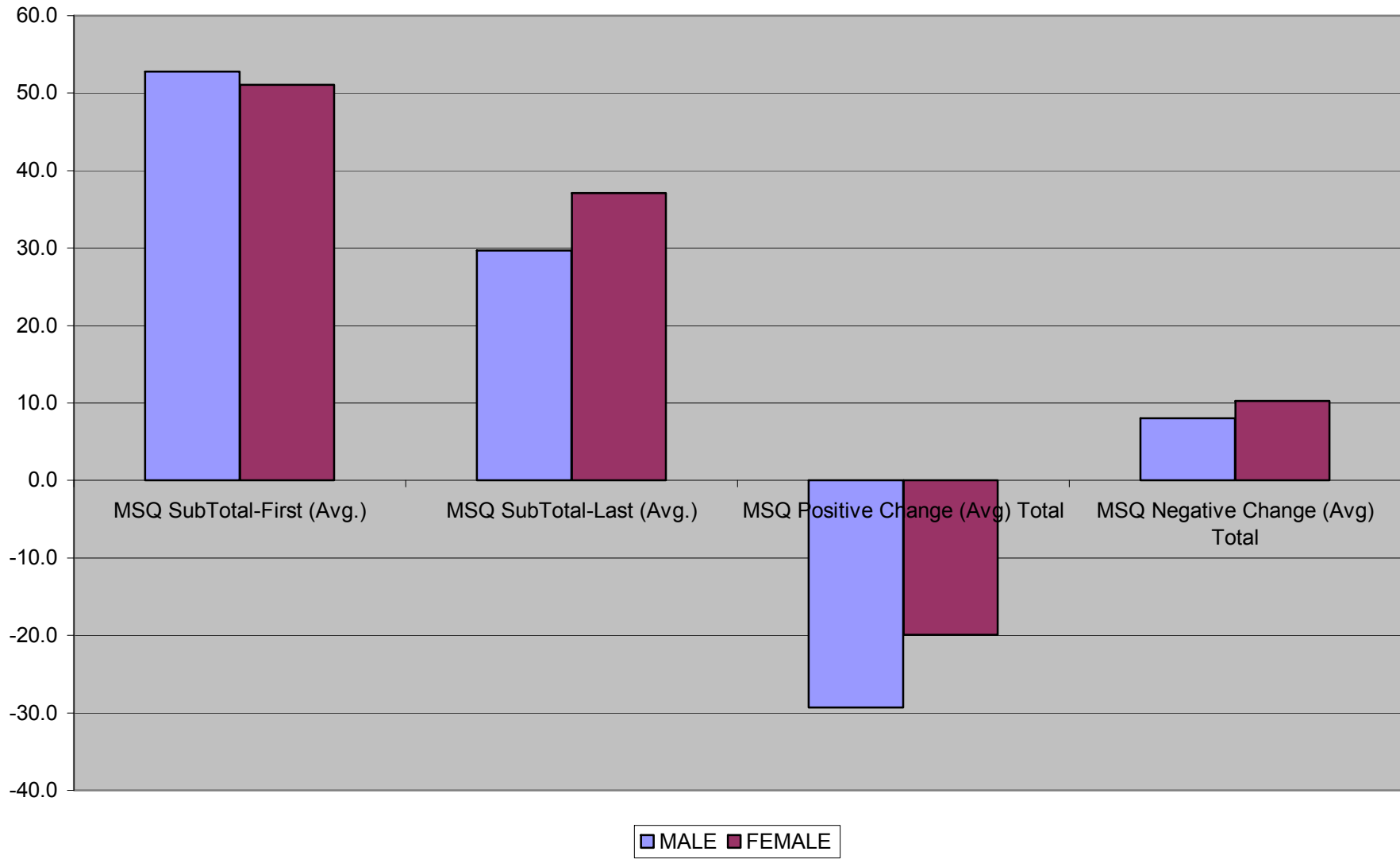
Practitioners Seen by Type



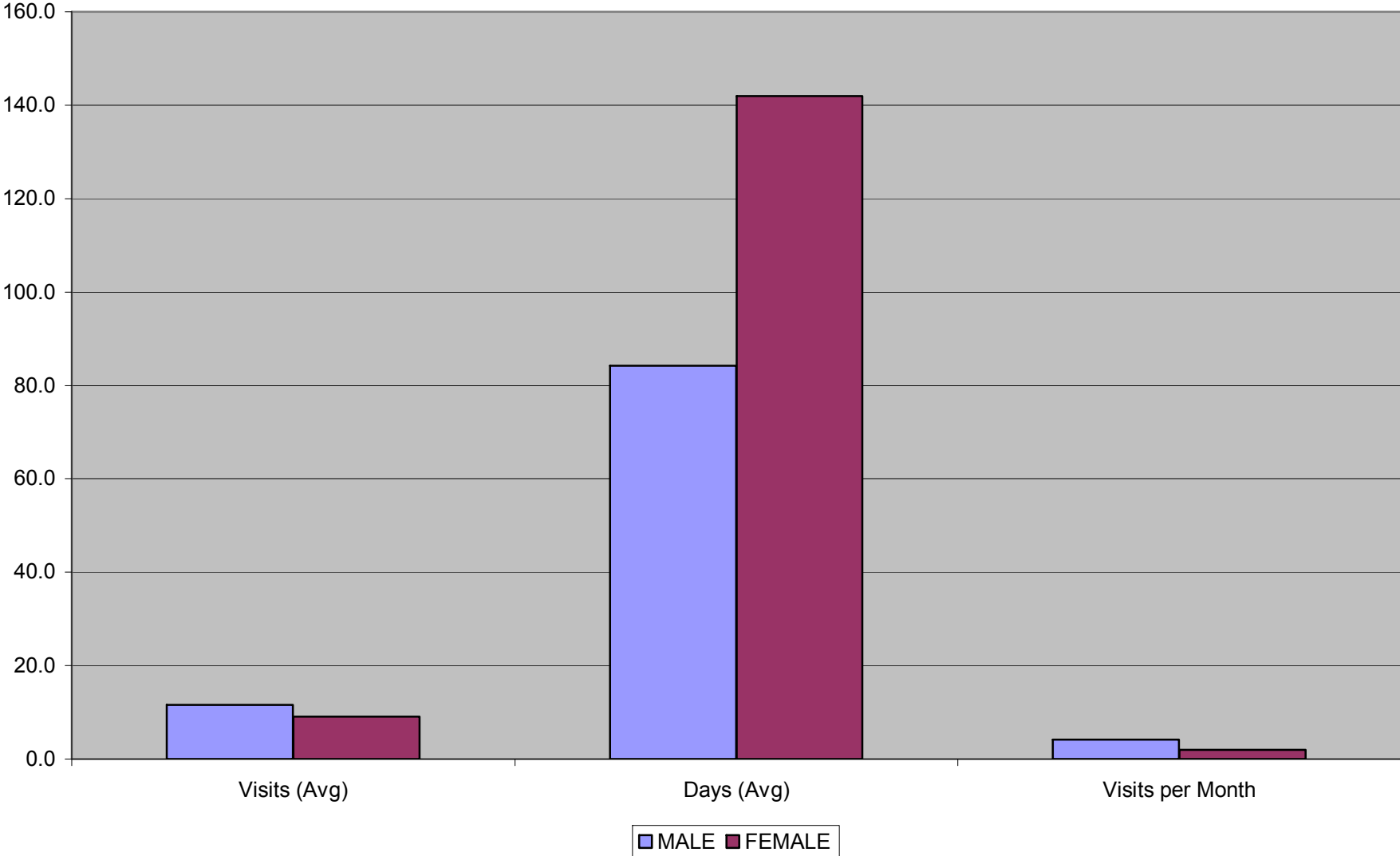
Patient Payment Comparison



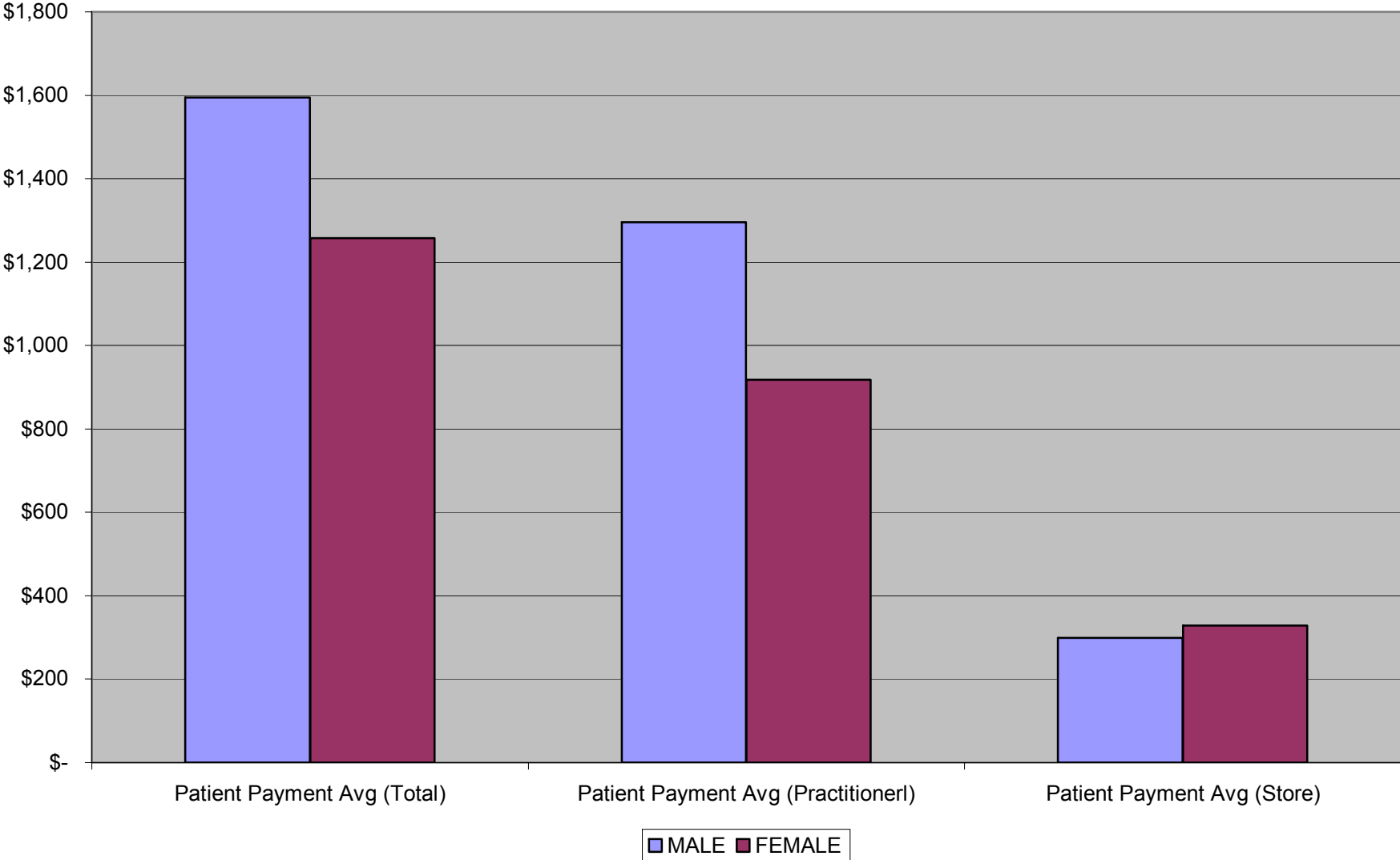
Male/Female SubTotal Score Comparison



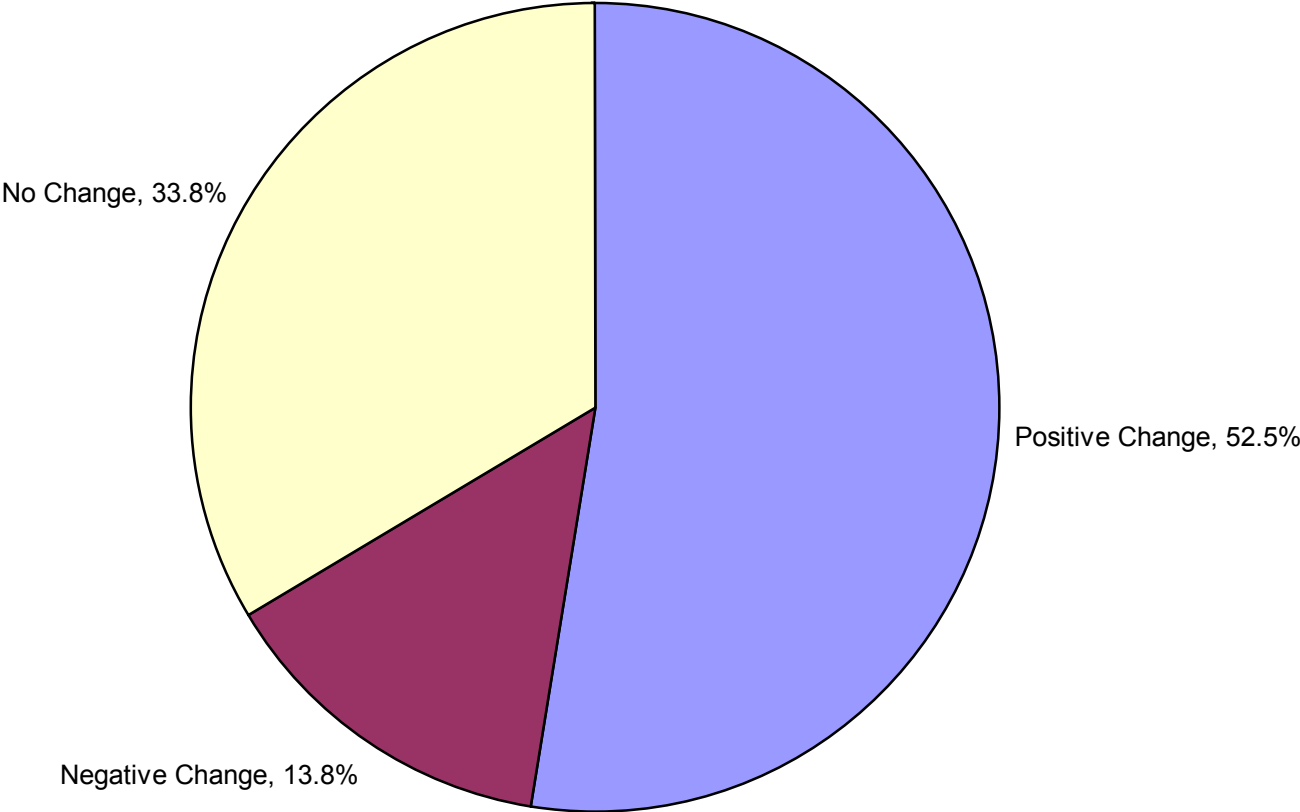
Male/Female Visits-Days Comparison



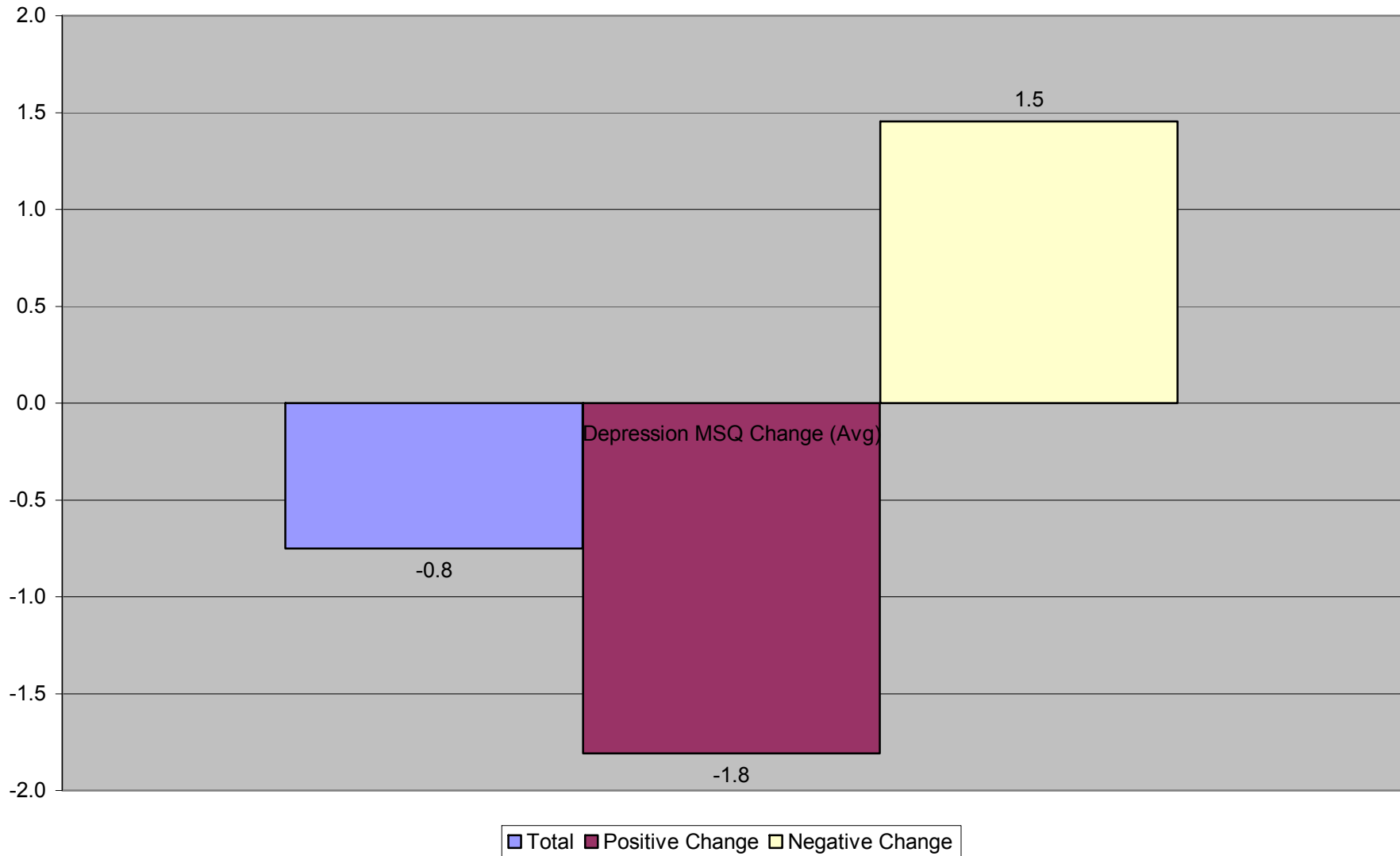
Male/Female Payment Comparison



MSQ Depression Score Change

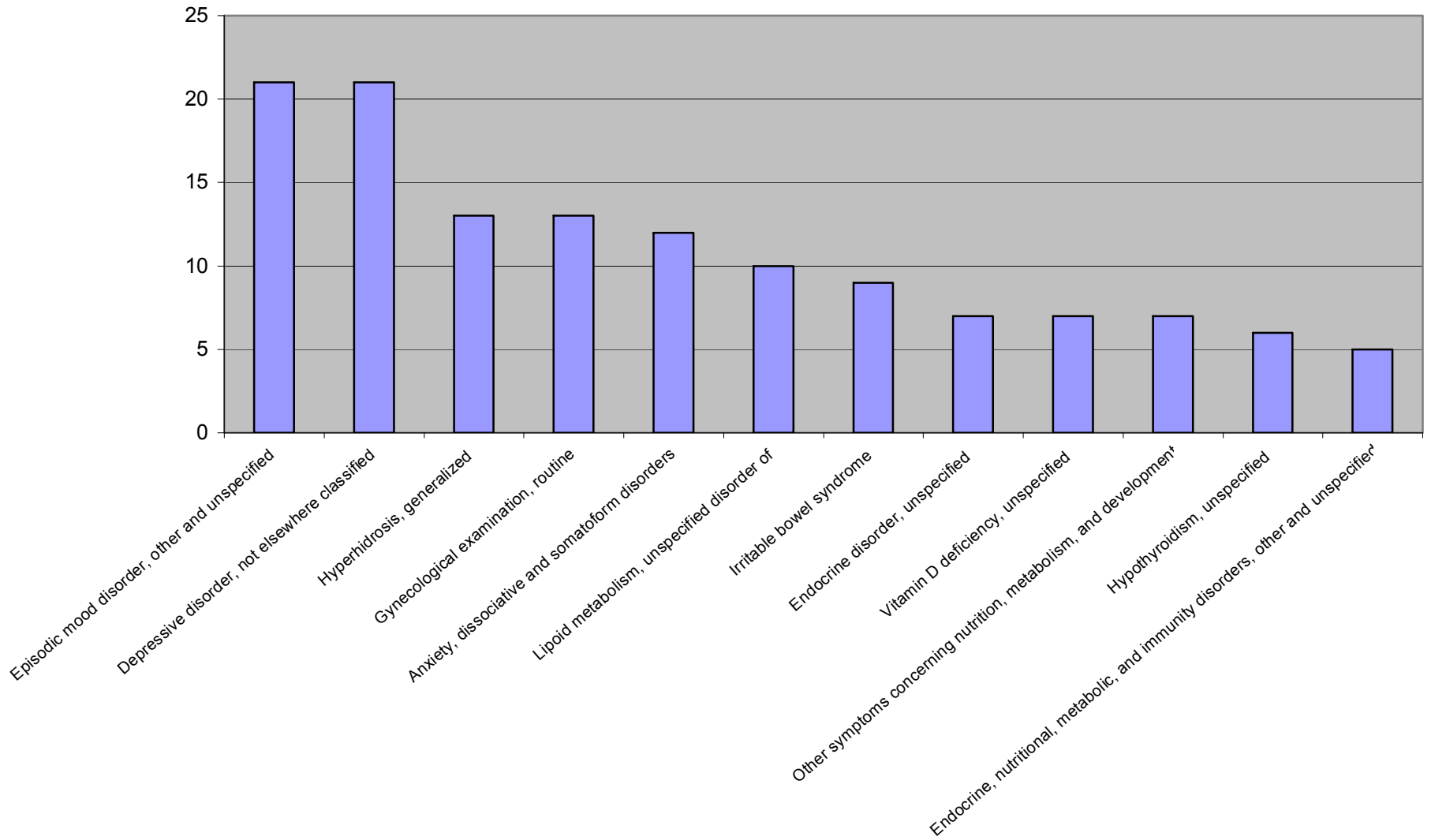


MSQ Depression Score Change



Top Diagnosis Frequency

NOTE: See list data for additional diagnoses



True North Health Center Integrative Care Outcomes Study - Self Reported Depression - Dx Frequency 5/7/2009

Dx Count	Dx Code	Dx Narrative	Dx Frequency
1	296.9	Episodic mood disorder, other and unspecified	21
2	311.0	Depressive disorder, not elsewhere classified	21
3	780.8	Hyperhidrosis, generalized	13
4	V72.31	Gynecological examination, routine	13
5	300.0	Anxiety, dissociative and somatoform disorders	12
6	272.9	Lipoid metabolism, unspecified disorder of	10
7	564.1	Irritable bowel syndrome	9
8	259.9	Endocrine disorder, unspecified	7
9	268.9	Vitamin D deficiency, unspecified	7
10	783.9	Other symptoms concerning nutrition, metabolism, and development	7
11	244.9	Hypothyroidism, unspecified	6
12	V77.99	Endocrine, nutritional, metabolic, and immunity disorders, other and unspecified	5
13	251.2	Hypoglycemia, unspecified	4
14	277.7	Dysmetabolic syndrome X	4
15	401.9	Unspecified	4
16	616.1	Vaginitis and vulvovaginitis	3
17	626.2	Menstruation, excessive or frequent	3
18	706.1	Acne, other	3
19	250.0	Diabetes mellitus	2
20	269.9	Unspecified nutritional deficiency	2
21	289.3	Lymphadenitis, unspecified, except mesenteric	2
22	473.9	sinusitis (chronic), Unspecified u	2
23	607.8	Penis disorders	2
24	693.1	Dermatitis due to substances taken internally, Due to food	2
25	789.0	Abdomen and pelvis, other symptoms involving	2
26	V25.0	Contraceptive management, encounter	2
27	V69.1	Inappropriate diet and eating habits	2
28	V22.0	Pregnancy, normal	2
29	40.0		1
30	78.9		1
31	112.9	Candidiasis, of unspecified site	1
32	157.0	Malignant neoplasm of pancreas	1
33	238.3	Neoplasm of uncertain behavior of other and unspecified sites and tissues, Breast	1
34	239.3	Neoplasms of unspecified nature, Breast	1
35	278.0	Overweight, obesity and other hyperalimentation	1
36	281.9	Anemia, unspecified deficiency	1
37	293.8	Transient mental disorders due to conditions classified elsewhere, other specified	1
38	297.0	Delusional disorders	1
39	346.8	Migraine, other forms	1
40	357.4	Polyneuropathy in other diseases classified elsewhere	1
41	388.3	Tinnitus	1
42	455.6	Hemorrhoids without mention of complication, unspecified	1
43	461.0	Acute sinusitis	1
44	462.0	Acute pharyngitis	1
45	490.0	Bronchitis, not specified as acute or chronic	1
46	493.9	Asthma, unspecified	1
47	555.9	Regional enteritis, Unspecified Site	1
48	625.9	Female genital organs, unspecified symptom	1
49	697.9	Lichen, unspecified	1
50	704.1	Hirsutism	1
51	724.5	Backache, unspecified	1
52	727.9	Synovium, tendon, and bursa, unspecified disorder	1
53	729.1	Myalgia and myositis, unspecified	1
54	780.6	Fever	1
55	782.3	Edema	1
56	787.9	Digestive system, other symptoms involving	1

True North Health Center Integrative Care Outcomes Study - Self Reported Depression - Dx Frequency 5/7/2009

Dx Count	Dx Code	Dx Narrative	Dx Frequency
57	788.1	Dysuria	1
58	793.8	Nonspecific abnormal findings on radiological and other examination of body structure, Breast	1
59	955.2	Injury to peripheral nerve(s) of shoulder girdle and upper limb, Ulnar nerve	1
60	985.9	Toxic effect of other metals, Unspecified metal	1
61	995.3	Allergy, unspecified	1
62	V26.4	General counseling and advice	1
63	V65.49	Other specified counseling	1
64	V70.0	Routine general medical examination at a health care facility	1
65	V73.99	Unspecified viral disease	1
66	V76.44	Prostate	1
67	V81.2	Other and unspecified cardiovascular conditions	1
68	V82.5	Chemical poisoning and other contamination	1
Diagnosis Frequency			212