

## **2011 Survey of Chronic Pain Issues Executive Summary**

Acute and chronic pain disorders are fast becoming pressing concerns for consumers, employers and health care professionals. According to a 2011 report from the Institute of Medicine, chronic pain affects roughly 100 million American adults and costs up to \$635 billion annually.<sup>1</sup> To learn about the chronic conditions and barriers these conditions impose on Oregonians the Oregon Pain Management Commission conducted an exploratory poll of its constituents.

### **Highlights**

*A note of caution regarding the findings: the survey results should not be interpreted as representative of all Oregonians with chronic pain due to its non-scientific design. However, the Pain Management Commission feels the survey captures a good number of the issues and challenges associated with its constituents and sees value in having these voices heard.*

- Respondents identified accessibility to health care for their chronic pain conditions as heavily dependent on having health insurance coverage and ability to pay for pain management treatment
- Respondents noted the inability to find treatment providers, lack of immediate access to providers, and lack of provider knowledge as further barriers to chronic pain treatment
- 30 per cent of respondents also mentioned being refused treatment for their chronic pain at sometime
- Slightly under half mentioned their health insurance did not provide adequate care to meet their pain management expenses
- Respondents also indicated that chronic pain conditions contributed to unemployment and, if employed, affected work performance

### **About the Oregon Pain Management Commission**

The Oregon Pain Management Commission (OPMC) was created in 2001 through the Oregon state legislative process to develop ways to improve pain management services through research, policy development, model projects and education. The OPMC represents the concerns of individuals with pain and makes recommendations to the Oregon Legislature and to the governor.

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<sup>1</sup> Committee on Advancing Pain Research, Care, and Education; Institute of Medicine, "Relieving Pain in America: A Blueprint for Transforming Prevention, Care, Education, and Research. [[http://www.nap.edu/catalog.php?record\\_id=13172](http://www.nap.edu/catalog.php?record_id=13172)]

## 2011 Survey of Chronic Pain Issues

### **Background**

In May 2011, the OPMC decided to conduct an exploratory online survey via the OPMC website. The OPMC and the Office for Healthy Policy and Research (OHPR) revised an original survey, constructed by Portland State University as a telephone survey, for use on the web. The survey was promoted through several radio programs, press releases throughout the state, the OPMC website and by word of mouth. Additionally, the OPMC Coordinator and commission members spread the word about the survey to colleagues and consumers and at a variety of meetings including the Division of Medical Assistance Programs Medical Directors Meeting and an OPMC sponsored Pain Awareness Education Event, both of which were in Salem.

The survey was active on the OPMC website from September 1 through December 1, 2011. Two hundred seventy three Oregonians completed the survey. The number of responses to individual questions will vary due to question skip logic and question non-response. The survey analysis was completed in July 2012. Please see Appendixes A & B for detailed tables of all survey questions and responses.

### **Selected Results**

The primary mission of the survey was to gather information from individuals with chronic pain as to accessibility, barriers and fiscal impacts of their condition. The intent is to use this information to help guide future efforts of the OPMC.

Respondents identified several factors influencing health care accessibility regarding chronic pain condition management. Lack of sufficient health insurance and care, affordability constraints, primary provider availability, understanding of the pain condition, and emergency room (ER) visits were factors described. For the majority of respondents a family practitioner oversees their chronic pain condition, followed distantly by a medical specialist (Table 1).

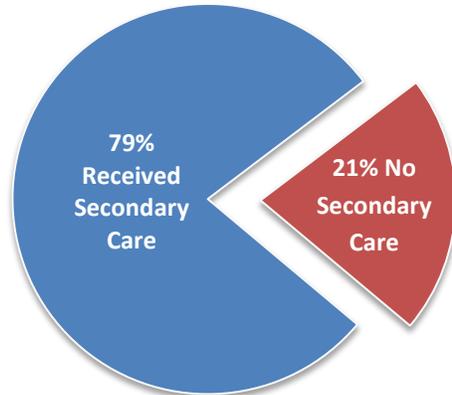
**Table 1: Primary Provider Overseeing Treatment for Respondents Chronic Pain Condition (n=260)**

54%	Family Practitioner
15%	No one
14%	Pain Management Specialist
4%	Multiple providers
4%	Chiropractor
3.5%	Other Specialist*
3%	Naturopath or Alternative/Complimentary medicine
2%	Other

\* Other Specialists include Rheumatologist, Neurologist and Other Specialist

Chronic pain conditions frequently require secondary treatment to effectively manage pain. Nearly 4 out of every 5 survey respondents indicated they received secondary care (Figure 1).

**Figure 1: Presence of Secondary Treatment Provider (n=224)**



Of the 79% of respondents for which a secondary treatment provider is involved, Table 2 lists the providers that respondents indicated are also involved in the treatment of their chronic pain. Roughly, half of those that received care from one or more of these additional care providers mentioned that it was useful (in their management of chronic pain).

**Table 2: Type of Provider for Secondary Treatment of Pain Condition**

57%	Physical Therapist
44%	Massage Therapist
39%	Pain Management Specialist
35%	Chiropractor
35%	Mental Health or Behavioral Health Specialist
34%	Acupuncturist
20%	Naturopath

Alternatively, the roughly ¼ of survey participants who indicated they did not have a secondary treatment provider for their chronic pain indicated the two primary reasons as: 1) they could not afford it, or 2) their insurance did not cover it.

Quite a number of survey respondents indicated they had been refused care for a chronic condition (Figure 2). No reference period is defined in the question so interpreting results is difficult. Refusal in essence could have transpired anytime during a respondent's life making it difficult to interpret regarding a respondent's current ability to access to care.

**Figure 2: Refused Treatment for a Chronic Pain Condition  
(n=260)**

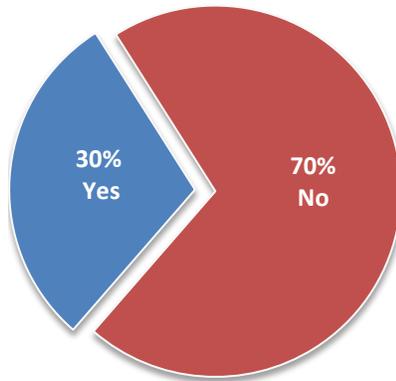


Figure 3 examines whether insured survey respondents felt their health insurance provided adequate coverage to meet pain management expenses. Slightly under half felt their insurance didn't meet expenses.

**Figure 3: Does Health Insurance Provide  
Adequate Coverage to Meet Pain Management Expenses  
(n=235)**

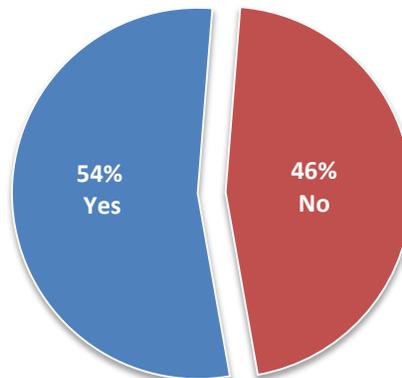
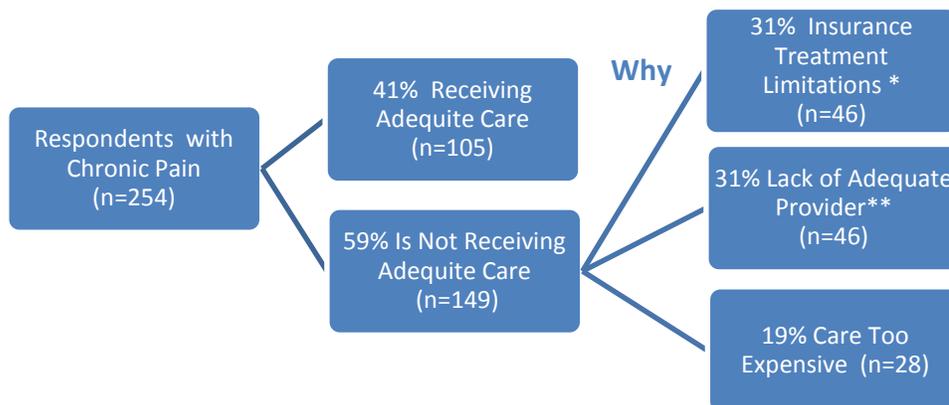


Figure 4 details respondent’s assessment as to whether they are receiving adequate care for their chronic pain condition. The top three reasons for not receiving adequate care are also listed.

**Figure 4: Receiving Adequate Care and Why Not**



\* Limitations include insurance not covering treatment and insurance not sufficiently paying for treatment

\*\*Includes provider lack of knowledge, provider lack of treatment, & the lack of a medical care provider

Survey respondents were also asked if they had sought treatment at an emergency room in the past year. Roughly 1/4 of individuals polled indicated going to the ER for treatment of their chronic pain condition. Table 3 details the main reasons given.

**Table 3: Reasons For ER Visit in Last Year (n=59)**

53%	Increased pain episode requiring immediate care
19%	Could not access their primary doctor
9%	Ran out of medication
7%	Uninsured

The majority of survey respondents identified chronic pain conditions as affecting their employment abilities and opportunities, and as such, affecting their ability to be self-sufficient. Figure 5 details the employment dynamics of the survey respondents. *Once again, care should be taken in interpreting results, as no certainty exists as to whether respondents are representative of the overall population of Oregonians with a chronic pain condition.*

**Figure 5: Employment and Employment Opportunities**

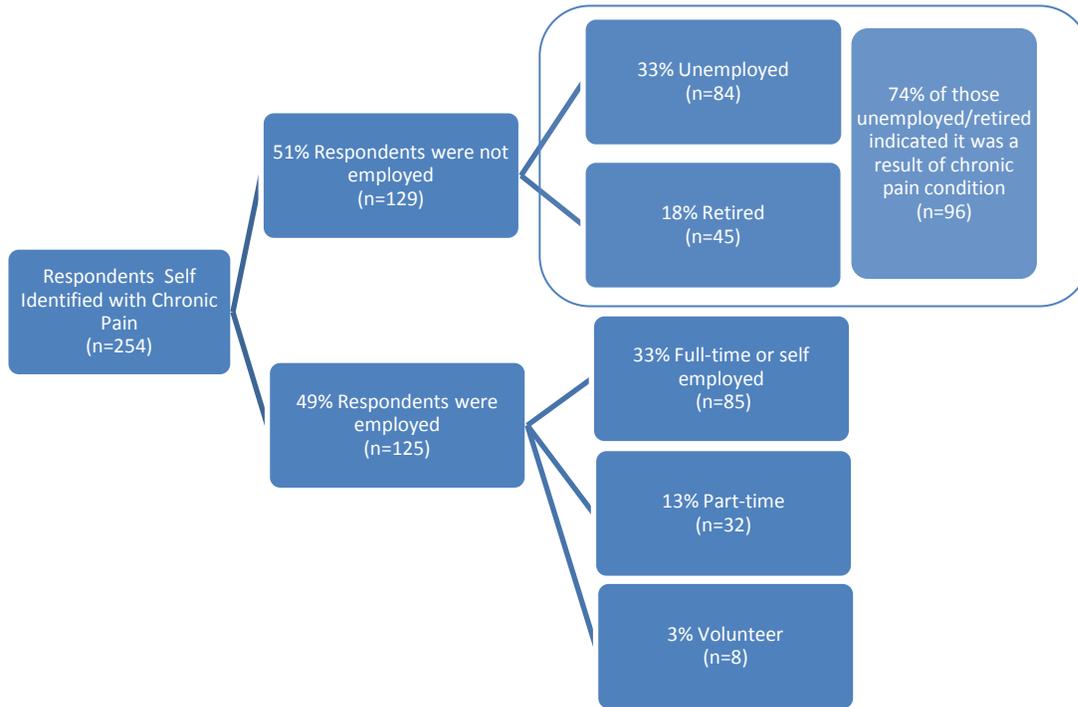


Figure 6 shows that roughly 3/4 of employed respondents (both full and part-time) indicate their chronic pain condition affected their work performance.

**Figure 6: Employed Respondents Indicating Pain Condition affects Work Performance (n=115)**

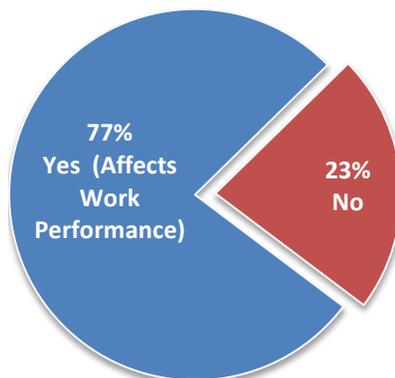


Table 4 lists some of the primary reasons employed respondents gave for how their chronic pain condition affects their work performance. The amount of time away from work—whether for appointments or sick days—was indicated as having the greatest affect on performance.

**Table 4: Reasons Given for Affecting Work Performance\*  
(n=115)**

33%	Require extra time off for medical appointments
30%	Indicated needed to use sick days every month
30%	Needed frequent break periods
8%	Have trouble meeting deadlines
6%	Needed restricted hours
5%	Affects ability to perform specific job duties
4%	Difficulty with physical ability to work

\*Responses not mutually exclusive

Employment is just one dimension of a respondent’s life where their chronic pain condition is inhibiting. Chronic pain conditions create barriers to caring for family and for being connected to others and one’s community. Roughly 9 in 10 respondents mentioned that their quality of life is negatively affected by their chronic condition. Over 6 in 10 mentioned it affected their ability to care for family. Additionally, over half mentioned it creates a feeling of isolation.

**Data Limitations & Recommendation**

As mentioned earlier, this exploratory survey should not be interpreted as representing all Oregonians with a chronic pain condition. Noting this limitation, all results can still offer a glimpse into the reality of some Oregonians with chronic conditions and their experiences in seeking and managing their chronic pain conditions.

A principle recommendation is to use this survey as a starting point towards undertaking a more thorough and robust analysis of Oregonians with chronic pain conditions. Through such an analysis, a clearer understanding of the degree to which chronic pain conditions affect Oregonians could be achieved.

## Appendix A

### Chronic Pain Survey Questions & Responses

Table A-1: What condition is the primary source of your chronic pain? (Please choose one.)

<b>Participant Primary Source of Pain</b>	<b>Count</b>	<b>%</b>
Fibromyalgia	63	23.1%
Back pain/injury	52	19.0%
Multiple Sources of Pain	35	12.8%
Neuropathy (nerve pain)	21	7.7%
Osteoarthritis	20	7.3%
Neck pain/injury	16	5.9%
Degenerative disc	10	3.7%
Chronic migraine headaches	9	3.3%
Irritable bowel syndrome	5	1.8%
Other Injury	5	1.8%
Chronic pelvic pain	4	1.5%
Reflex sympathetic dystrophy	4	1.5%
Other Arthritis	3	1.1%
Other Spine	3	1.1%
Post Surgical Pain	3	1.1%
Abdominal Pain	2	0.7%
Chronic Fatigue	2	0.7%
Ehlers-Danlos Syndrome	2	0.7%
Rheumatoid arthritis	2	0.7%
Dental Pain	1	0.4%
Myofascial pain	1	0.4%
Reynaud's syndrome	1	0.4%
Trigeminal Neuralgia	1	0.4%
Other	8	2.9%
<b>Total</b>	<b>273</b>	<b>100.0%</b>

Table A-2: Do any other conditions contribute to your chronic pain? (You may choose more than one answer.)

Other Pain Conditions	Count	%
Back pain/injury	115	42.1%
Depression	100	36.6%
Anxiety	88	32.2%
Degenerative disc	74	27.1%
Osteoarthritis	72	26.4%
Fibromyalgia	65	23.8%
Neuropathy	65	23.8%
Irritable bowel syndrome	54	19.8%
Chronic migraine headaches	50	18.3%
Post traumatic stress disorder (PTSD)	43	15.8%
Myofascial pain	42	15.4%
None	31	11.4%
Chronic pelvic pain	15	5.5%
Reynaud's syndrome	14	5.1%
Neck and Spinal Issues	9	3.3%
Reflex sympathetic dystrophy	7	2.6%
Rheumatoid arthritis	7	2.6%
Multiple Conditions	4	1.5%
Scleroderma	3	1.1%
TMJ	3	1.1%
Mental Health Issues	2	0.7%
Genetic Issues	2	0.7%
Obesity	2	0.7%
Combat injury	2	0.7%
Other	14	5.1%
<b>Total</b>	<b>883</b>	<b>*</b>

\*Note: Multiple answers may not total 100%; n=273

Table A-3: How long have you been experiencing pain?

Time Experiencing Pain	Count	%
0 - 2 years	19	7.3%
3 - 5 years	42	16.0%
6 - 10 years	58	22.1%
11 - 15 years	52	19.8%
16 - 20 years	31	11.8%
More than 20 years	54	20.6%
Don't remember	6	2.3%
<b>Total</b>	<b>262</b>	<b>100%</b>

Table A-4: How was your chronic pain condition determined? (Please select the one answer that best fits your experience.)

<b>How Was Your Chronic Pain Determined?</b>	<b>Count</b>	<b>%</b>
I was diagnosed by my family practitioner (primary care provider)	123	46.9%
I was diagnosed by a pain management specialist	56	21.4%
Rheumatologist	15	5.7%
I identified my pain condition by looking it up on the Internet and/or library	13	5.0%
Other Specialist	12	4.6%
Multiple Providers	11	4.2%
I identified my pain condition by talking to others with the same pain condition	8	3.1%
I was diagnosed by a practitioner of alternative medicine (naturopath, homeopath, etc.)	5	1.9%
Neurologist	5	1.9%
I identified my pain condition through the media (TV, radio, newspaper, etc.)	1	0.4%
Other	13	5.0%
<b>Total</b>	<b>262</b>	<b>100%</b>

Table A-5: Who provides the primary health care to oversee treatment of your chronic pain condition?

<b>Who Provides Primary Care?</b>	<b>Count</b>	<b>%</b>
Family practitioner	141	54.2%
No one oversees my pain condition	40	15.4%
Pain management specialist	37	14.2%
Multiple Providers	11	4.2%
Chiropractor	9	3.5%
Complimentary or alternative medicine practitioner	4	1.5%
Naturopath	4	1.5%
Rheumatologist	4	1.5%
Other Specialist	3	1.2%
Neurologist	2	0.8%
Other	5	1.9%
<b>Total</b>	<b>260</b>	<b>100%</b>

Table A-6: How many times in an average year do you see your primary pain practitioner for your chronic pain condition?

Average Visits to Primary Pain Practitioner	Count	%
Once a week	4	1.5%
Once a month	35	13.5%
More than twice a month	8	3.1%
Twice a month	7	2.7%
Once every two months	39	15.0%
Once every three months	19	7.3%
Once every six months	30	11.5%
Less than every six months	9	3.5%
Once a year	11	4.2%
Only as needed	34	13.1%
I see no one for treatment of my chronic pain	36	13.8%
Other	28	10.8%
<b>Total</b>	<b>260</b>	<b>100%</b>

Table A-7: If you see no one for treatment of your chronic pain, why? (Skip this question if it does not apply to you.)

Why Do You Not Seek Medical Help for Pain?	Count	%
I cannot afford to pay for treatment due to lack of insurance	33	39.8%
I cannot find a practitioner that will treat my condition	18	21.7%
I prefer to cope without a health care provider	16	19.3%
Multiple Reasons	5	6.0%
Other	11	13.3%
<b>Total</b>	<b>83</b>	<b>100%</b>

Table A-8: Have you ever been refused treatment by a health practitioner due to your chronic pain condition?

Have You Been Refused Treatment?	Count	%
No	183	70.4%
Yes	77	29.6%
<b>Total</b>	<b>260</b>	<b>100%</b>

Table A-9: How many times have you gone to an emergency room (ER) for treatment of your chronic pain condition in the last year?

ER visits	Count	%
Zero (0) times	201	77.3%
1-5 times	53	20.4%
6-10 times	3	1.2%
More than 10 times	3	1.2%
<b>Total</b>	<b>260</b>	<b>100.0%</b>

Table A-10: What are the reason(s) you sought treatment for your chronic pain condition in an emergency room (ER) during the past year? (Skip this question if it doesn't apply to you.)

What Are the Reasons for ER Visits?	Count	%
I had an increased pain episode and required immediate treatment	31	52.5%
I could not access my primary pain practitioner at the time	11	18.6%
I ran out of pain medication	5	8.5%
I did not have healthcare coverage	4	6.8%
Multiple Issues	2	3.4%
Other	6	10.2%
<b>Total</b>	<b>59</b>	<b>100.0%</b>

Table A-11: What other health providers have been involved in treating your pain condition?  
(Select all that apply.)

<b>Other Health Providers Involved in Pain Care Management</b>	<b>Count</b>	<b>%</b>
Physical Therapist (PT)	146	57.0%
Massage therapist	113	44.1%
Pain management specialist	99	38.7%
Chiropractor	91	35.5%
Mental Health or Behavioral Health specialist	91	35.5%
Acupuncturist	86	33.6%
Naturopath	52	20.3%
Occupational therapist (OT)	23	9.0%
Osteopath	23	9.0%
Herbalist	21	8.2%
Hypnotist	9	3.5%
Neurologist	7	2.7%
Orthopedic Specialist	5	2.0%
Rheumatologist	5	2.0%
Dental Specialist	4	1.6%
Neurosurgeon	3	1.2%
General Surgeon	2	0.8%
GI Specialist	2	0.8%
Endocrinologist	1	0.4%
Infectious Disease	1	0.4%
Physiatrist	1	0.4%
Plastic Surgeon	1	0.4%
Other	2	0.8%
None	30	11.7%
<b>Total</b>	<b>786</b>	<b>*</b>

\*Note: Multiple answers may not total 100%; n=256

Table A-12: If other health providers have been involved in treating your pain condition, was this helpful in treating your pain condition? (Skip this question if it doesn't apply to you.)

<b>Have Other Health Providers Been Helpful?</b>	<b>Count</b>	<b>%</b>
Yes	124	48.4%
No	76	29.7%
Not Sure	56	21.9%
<b>Total</b>	<b>256</b>	<b>100.0%</b>

Table A-13: If no other health providers have been involved in treating your pain condition, why have you not received other treatment? (Skip this question if other health providers have been involved in treating your pain condition.)

Why Have You Not Received Other Treatment?	Count	%
I am unable to pay	26	32.9%
My health insurance does not cover the treatment	22	27.8%
It has not been necessary	16	20.3%
I do not believe it will help	12	15.2%
Other	3	3.8%
<b>Total</b>	<b>79</b>	<b>100.0%</b>

Table A-14: What medications do you currently take to treat your chronic pain? (You may choose more than one answer.)

What medications do you currently take?	Count	%
Anti-inflammatory drugs (ibuprofen, naproxen, Motrin, Advil, etc.)	137	53.9%
Antidepressants used for pain (Cymbalta, Savella, etc.)	74	29.1%
Tylenol (acetaminophen)	67	26.4%
Hydrocodone product (Vicodin, Zydone, Lortab, Norco, etc.)	66	26.0%
Gabapentin (Neurontin)	51	20.1%
Oxycodone product (Oxycontin, Roxicodone, Percocet, Percodan, Tylox, etc.)	50	19.7%
Morphine product (MS Contin, Kadian, Avinza, Embeda)	37	14.6%
Aspirin	33	13.0%
Muscle Relaxers	30	11.8%
Tramadol (Ultram) or tapentadol (Nucynta)	29	11.4%
Over-the-counter medications	27	10.6%
Oregon medical marijuana card for a condition of chronic pain	22	8.7%
Pregabalin (Lyrica)	14	5.5%
Hydromorphone product (Dilaudid, Exalgo, etc.)	10	3.9%
Benzodiazepines	9	3.5%
Fentanyl product (Duragesic, Actiq, Fentora, etc.)	8	3.1%
Nutritional Supplements	8	3.1%
Tylenol with Codeine	7	2.8%
Steroid Anti-inflammatory	5	2.0%
Methadone	4	1.6%
Sedative Hypnotics	4	1.6%
Anticonvulsants	3	1.2%
Local Anesthetics	3	1.2%
Anti-migraine medication	2	0.8%
Anti-rheumatics	2	0.8%
Other Analgesics	2	0.8%
Suboxone	1	0.4%
Other	2	0.8%
<b>Total</b>	<b>707</b>	<b>*</b>

\*Note: Multiple answers may not total 100%; n=254

Table A-15: Please describe your health insurance status. (You may select more than one answer.)

<b>Health Insurance Status</b>	<b>Count</b>	<b>%</b>
I have health insurance with a private company	158	62.0%
I have health insurance through Medicare	41	16.1%
I have health insurance with the Oregon Health Plan	36	14.1%
I have Medicare with supplemental coverage	34	13.3%
I do not have any health insurance coverage	20	7.8%
I have military/veterans' health insurance benefits	12	4.7%
Workers' Compensation	3	1.2%
Other	4	1.6%
<b>Total</b>	<b>308</b>	<b>*</b>

**\*Note: Multiple answers may not total 100%; n=255**

Table A-16: Does your health insurance provide adequate coverage to meet your pain management expenses?

<b>Does Health Insurance Provide Adequate Coverage to Meet Pain Management Expenses?</b>	<b>Count</b>	<b>%</b>
Yes	127	54.0%
No	108	46.0%
I do not have any kind of health insurance coverage	20	n/a
<b>Total</b>	<b>255</b>	<b>100.0%</b>

Table A-17: Do you believe you are receiving adequate care and treatment for your chronic pain condition?

<b>Are You Receiving Adequate Care</b>	<b>Count</b>	<b>%</b>
No	149	58.7%
Yes	105	41.3%
<b>Total</b>	<b>254</b>	<b>100%</b>

Table A-18: If you do not believe you are receiving adequate care and treatment for your chronic pain condition, why? (Skip this question if it doesn't apply to you.)

<b>Why Do You Believe You Do Not Receive Adequate Care?</b>	<b>Count</b>	<b>%</b>
Care is too expensive	28	18.8%
My insurance does not cover the treatment I need	27	18.1%
Provider Lack of Knowledge	23	15.4%
My insurance does not pay enough for the treatment I need	19	12.8%
I have a medical care provider, but he/she will not treat my pain condition	15	10.1%
I don't believe treatment would do any good	13	8.7%
I do not have a medical care provider to treat my pain	8	5.4%
No Treatment Care Options Other than Medications	7	4.7%
Lack of Adequate Pain Medications	6	4.0%
I haven't told my medical care provider about my chronic pain	3	2.0%
<b>Total</b>	<b>149</b>	<b>100.0%</b>

Table A-19: What is your current employment status?

<b>Current Employment Status</b>	<b>Count</b>	<b>%</b>
Unemployed	84	33.1%
Full- time job	72	28.3%
Retired	45	17.7%
Part- time job	32	12.6%
Self-employed	13	5.1%
Volunteer work (unpaid)	8	3.1%
<b>Total</b>	<b>254</b>	<b>100.0%</b>

Table A-20: If you are unemployed, is your unemployment due primarily to your pain condition? (Skip this question if it doesn't apply to you.)

<b>Unemployment due to Pain?</b>	<b>Count</b>	<b>%</b>
Yes	96	78.0%
No	27	22.0%
<b>Total</b>	<b>123</b>	<b>100.0%</b>

Table A-21: If you are employed, does your employer know of your pain condition? (Skip this question if it doesn't apply to you.)

<b>Is employer aware of Pain</b>	<b>Count</b>	<b>%</b>
Yes	50	53.8%
No	43	46.2%
<b>Total</b>	<b>93</b>	<b>100.0%</b>

Table A-22: If you are employed, does your pain condition affect your work performance?  
(Check all that apply. Skip this question if it doesn't apply to you.)

<b>Pain Condition Affects Work Performance?</b>	<b>Count</b>	<b>%</b>
Yes, I need extra time off for appointments	38	33.0%
Yes, I need to use sick days nearly every month	35	30.4%
Yes, I need frequent breaks	34	29.6%
No, not at all	26	22.6%
Yes, I receive special workplace accommodations	18	15.7%
Yes, I have difficulty meeting deadlines	9	7.8%
Yes, I work restricted hours	7	6.1%
Yes, it affects my ability to perform specific job duties	6	5.2%
Yes, it affects my physical ability to work	5	4.3%
Yes, I am concerned about job security	4	3.5%
Yes, it affects my mental concentration	3	2.6%
<b>Total</b>	<b>185</b>	<b>*</b>

**\*Note: Multiple answers may not total 100%; n=115**

Table A-23: Please review the following statements that may apply to your situation regarding your chronic pain condition. Which of the following statements apply to you? (Check all that apply.)

<b>Chronic Pain Statement Responses</b>	<b>Count</b>	<b>%</b>
My quality of life has been affected due to my chronic pain condition	231	91.7%
My ability to be self sufficient and care for my family has been affected	160	63.5%
I feel isolated because of my pain condition	133	52.8%
I have effective communication with my health care provider related to pain	111	44.0%
I have enough say in determining the type of treatment I receive to manage my pain.	105	41.7%
I am treated with respect by health care professionals related to my pain	95	37.7%
I have adequate emotional support to deal with my pain condition	80	31.7%
I have adequate financial resources to help manage my pain	73	29.0%
I am treated with disrespect, judgmentally, or in an uncaring manner by health care professionals related to my chronic pain.	9	3.6%
I believe individuals with chronic pain are treated as addicts or as 'drug-seeking'.	7	2.8%
I receive inadequate emotional support in treating my chronic pain	5	2.0%
I do not have adequate financial resources to help manage my pain	5	2.0%
I do not have a provider to treat my chronic pain	4	1.6%
I battle depression, feel helpless, or feel hopeless due to my chronic pain	4	1.6%
I find alternative care is most effective in treating my chronic pain condition	3	1.2%
I receive inadequate medication for my chronic pain	2	0.8%
<b>Total</b>	<b>1027</b>	<b>*</b>

**\*Note: Multiple answers may not total 100%; n=252**

## Appendix B

### Demographic Questions & Responses

Table B-1: Participant Age

Participant Age	Count	%
Under 21	1	0.4%
21 - 29	15	5.9%
30 - 39	31	12.2%
40 - 49	59	23.2%
50 - 59	85	33.5%
60 - 69	53	20.9%
70 - 79	8	3.1%
80 - 89	2	0.8%
<b>Total</b>	<b>254</b>	<b>100.0%</b>

Table B-2: Participant Gender

Participant Gender	Count	%
Female	196	77.2%
Male	58	22.8%
<b>Total</b>	<b>254</b>	<b>100.0%</b>

Table B-3: Participant Race

Participant Race	Count	%
White	259	89.6%
American Indian/Alaska Native	20	6.9%
Asian	8	2.8%
Black/African American	1	0.3%
Unknown	1	0.3%
<b>Total</b>	<b>289</b>	<b>100.0%</b>

Table B-4: Participant Education

<b>Participant Education</b>	<b>Count</b>	<b>%</b>
Attended college or university	90	35.4%
Completed bachelor's degree	51	20.1%
Graduated high school	32	12.6%
Completed master's degree	28	11.0%
Completed GED	16	6.3%
Completed doctoral degree	13	5.1%
Attended graduate school	12	4.7%
Grade 9 - 11	4	1.6%
Grade 8 or less	2	0.8%
Other	6	2.4%
<b>Total</b>	<b>254</b>	<b>100.0%</b>

Table B-5: Participant Living Arrangement

<b>Participant Living Arrangement</b>	<b>Count</b>	<b>%</b>
Live with family in a single- family dwelling	162	63.8%
Live alone in a single-family dwelling	37	14.6%
Live with family in a multi-family dwelling (apartment, residential hotel, duplex)	22	8.7%
Live with one or more non-relatives	18	7.1%
Live alone in a multi-family dwelling (apartment, residential hotel, duplex)	12	4.7%
Live in a nursing facility, assisted living, residential care facility, adult foster home)	1	0.4%
Other	2	0.8%
<b>Total</b>	<b>254</b>	<b>100.0%</b>

Table B-6: Participant Martial Status

<b>Participant Martial Status</b>	<b>Count</b>	<b>%</b>
Married	138	54.3%
Divorced	45	17.7%
Single	38	15.0%
Domestic partnership, opposite sex	17	6.7%
Widowed	7	2.8%
Separated	6	2.4%
Domestic partnership, same sex	3	1.2%
<b>Total</b>	<b>254</b>	<b>100.0%</b>