Database	Data	Diagnostic Codes	Number of	Variables Obtained for study datasets
	Period	Utilized	Diagnostic	
			Codes per	
			Entry	
MCP Physician Fee-	1999-2010	3-digit ICD-9	1	• MCP number (de-identified prior to data
for-Service Claims				provision to research team)
File				Service date
				Diagnostic code
				Diagnostic description
				Procedure code
				Physician specialty code
NL Provincial	1999-2010	5-digit ICD-9 up	Up to 16	• MCP number (de-identified prior to data
Discharge Abstract		to March 31, 2001		provision to research team)
Database				Care episode identifier

Table S1. Health Administrative Databases Providing Study Data from Newfoundland and Labrador, Canada

		6-digit ICD-10-CA		Admission date
		April 1, 2001		Discharge date
		onwards		• Diagnostic code(s)
				• Diagnostic description(s)
				Diagnostic type
				Provider service code
				Admission type
MCP Beneficiary File	1999-2010	Not applicable	Not applicable	• MCP number (de-identified prior to data
				provision to research team)
				• Age as of September 1, 2012
				• Sex
				• Rural/urban location of residence based on
				population cut-off of 4000 in 2009/10 fiscal
				year

Regional health authority location of residence in 2009/10 fiscal year
MCP eligibility status for each fiscal year

from 2003/2004 to 2009/2010

Abbreviations: MCP, Medical Care Plan; ICD-9, *International Classification of Disease – 9th Revision*; ICD-10-CA, *International Classification of Disease – 10th Revision (Canadian)*; NL, Newfoundland and Labrador.

Table S2. Provincial Medical Care Plan Chronic Pain-related Procedure Billing Codes^a used in Newfoundland and Labrador,

Canada

Procedure	Procedure Description
Code	
400020	Pain Clinic Consultation
419020	Pain Clinic Reassessment
578000	Epidural Steroid Injection
578020	Intercostal Nerve Block(s)
578040	Paravertebral Nerve Block of Thoracic or Lumbar Roots
578060	Peripheral Nerve Block for Chronic Pain
578080	Cranial Nerve/Branch Block for Chronic Pain
578100	Stellate Ganglion Block
578120	Intravenous Sympathetic Block by Injection and Infusion of Bretylium,
	Guanetidine, and Reserpine

578140 Intravenous Injection and Infusion with Lidocaine for the treatment of Chronic Pain

 ^a Procedure billing codes used exclusively by anesthesiologists to describe intervention treatments for chronic pain delivered at organized Regional Health Board-approved hospital pain clinics in Newfoundland and Labrador (Medical Care Plan, 2011).
 Displayed procedure codes are accompanied by the associated procedure descriptions.

Source: Medical Care Plan, Department of Health and Community Services (2011). Medical Payment Schedule - 2009. Retrieved from http://www.health.gov.nl.ca/health/mcp/providers/full_mcp_payment_schedule_2009.pdf **Table S3.** Pain-related Diagnostic Codes Recorded by Physicians in the Medical Care Plan Fee-For-Service Physicians Claims

File and/or Provincial Discharge Abstract Data of Newfoundland and Labrador, Canada

Pain	ICD-9	Description	ICD-10-	Description
Condition ^a	Code		CA Code	
Neuropathic				
Pain				
	053	Herpes Zoster	G50	Disorders of Trigeminal Nerve
	256	Ovarian Dysfunction	G52	Disorders of Other Cranial Nerves
	350	Trigeminal Nerve Disorders	G53	Cranial Nerve Disorder in Diseases Classified
				Elsewhere
	351	Facial Nerve Disorders	G54	Nerve Root and Plexus Diseases
	352	Disorders of Other Cranial Nerves	G55	Nerve Root and Plexus Compression in
				Diseases Classified Elsewhere
	353	Nerve Root and Plexus Disorders	G56	Mononeuropathies of Upper Limb

354	Mononeuritis of Upper Limb and	G57	Mononeuropathies of Lower Limb
	Mononeuritis Multiplex		
355	Mononeuritis of Lower Limb	G58	Other Mononeuropathies
356	Hereditary and Idiopathic	G59	Mononeuropathy in Diseases Classified
	Peripheral Neuropathy		Elsewhere
357	Inflammatory and Toxic	G60	Hereditary and Idiopathic Neuropathy
	Neuropathy		
729	Other Disorders of Soft Tissue	G61	Inflammatory Polyneuropathy
		G62	Other and Unspecified Polyneuropathies
		G63	Polyneuropathy in Diseases Classified
			Elsewhere
		G64	Other Diseases of the Peripheral Nervous
			System
		G82	Paraplegia (Paraparesis) and Quadriplegia
			(Quadriparesis)

			G97	Intraoperative and Post-procedural
				Complications and Disorders of Nervous
				System, Not Elsewhere Classified
			M89	Other Disorders of Bone
			R29	Other Symptoms and Signs Involving the
				Nervous and Musculoskeletal Systems
Musculoskeletal				
Conditions and				
Arthritis				
	710	Diffuse Diseases of Connective	M05	Rheumatoid Arthritis with Rheumatoid Factor
		Tissue		
	711	Arthropathy Associated with	M06	Other Rheumatoid Arthritis
		Infections		
	712	Crystal Arthropathies	M07	Enteropathic Arthropathies

713	Arthropathy Associated with Other	M08	Juvenile Arthritis
	Disorders Classified Elsewhere		
714	Rheumatoid Arthritis and Other	M10	Gout
	Inflammatory Polyarthropathies		
715	Osteoarthritis and Allied Disorders	M11	Other Crystal Arthropathies
716	Other and Unspecified	M12	Other and Unspecified Arthropathy
	Arthropathies		
717	Internal Derangement of Knee	M13	Other Arthritis
718	Other Derangement of Joint	M14	Arthropathies in Other Diseases Classified
			Elsewhere
719	Other and Unspecified Disorders of	M15	Polyosteoarthritis
	Joint		
725	Polymyalgia Rheumatica	M16	Osteoarthritis of Hip
726	Peripheral Enthesopathies and	M17	Osteoarthritis of Knee
	Allied Syndromes		

	727	Other Disorders of Synovium,	M18	Osteoarthritis of First Carpometacarpal Joint
		Tendon, and Bursa		
	728	Disorders of Muscle, Ligament, and	M19	Other and Unspecified Osteoarthritis
		Fascia		
			M23	Disorder of Patella
			M24	Other Specified Joint Derangements
			M25	Other Joint Disorder, Not Classified Elsewhere
			M36	Systemic Disorders of Connective Tissue in
				Diseases Classified Elsewhere
			M77	Other Enthesopathies
			R26	Abnormalities of Gait and Mobility
Back/neck				
disorders				
	720	Ankylosing Spondylitis and Other	M43	Other Deforming Dorsopathies
		Inflammatory Spondylopathies		

721	Spondylosis and Allied Disorders	M45	Ankylosing Spondylitis
722	Intervertebral Disc Disorders	M46	Other Inflammatory Spondylopathies
723	Other Disorders of Cervical Region	M48	Other Spondylopathies
724	Other and Unspecified Disorders of	M49	Spondylopathies in Diseases Classified
	Back		Elsewhere
737	Curvature of Spine	M50	Cervical Disc Disorders
738	Other Acquired Deformity	M51	Thoracic, Thoracolumbar, and Lumbosacral
			Intervertebral Disc Disorders
739	Nonallopathic Lesions, Not	M54	Dorsalgia
	Elsewhere Classified		
756	Other Congenital Musculoskeletal	M81	Osteoporosis without Current Pathological
	Anomalies		Fracture
805	Fracture of Vertebral Column	M82	Osteoporosis in Diseases Classified Elsewhere
	without mention of Spinal Cord		
	Injury		

	806	Fracture of Vertebral Column with
	800	
		Spinal Cord Injury
	839	Other, Multiple, and Ill-defined
		Dislocations
	846	Sprains and strains of Sacroiliac
		Region
	847	Sprains and Strains of Other
		Unspecified Parts of Back
	848	Other and Ill-defined Sprains and
		Strains
	905	Late Effects of Musculoskeletal and
	903	Late Effects of Musculoskeletal and
		Connective Tissue Injuries
Bone Disorders		
	730	Osteomyelitis, Periostitis, and Other
		Infections Involving Bone

Osteopathies Associated with Other		
Disordors Classified Elsowhere		
VISUI UELS CLASSIFIEU EISEWIIELE		
Osteochondropathies		
Other Disorders of Bone and		
Cartilage		
Flatfoot		
Acquired Deformities of Toe		
Other Acquired Deformities of		
imbs		
Fracture of Pelvis	S12	Fracture of Cervical Vertebra and Other Parts
		of Neck
	Other Disorders of Bone and Cartilage Clatfoot Acquired Deformities of Toe Other Acquired Deformities of imbs	Osteochondropathies Other Disorders of Bone and Cartilage Clatfoot Acquired Deformities of Toe Other Acquired Deformities of imbs

830	Dislocation of Jaw	S22	Fracture of Rib(s), Sternum, and Thoracic
			Spine
831	Dislocation of Shoulder	S32	Fracture of the Lumbar Spine and Pelvis
832	Dislocation of Elbow	S42	Fracture of the Shoulder and Upper Arm
840	Sprains and Strains of Shoulder and	S43	Dislocation and Sprain of Joints and Ligaments
	Upper Arm		of Shoulder Girdle
841	Sprains and Strains of Elbow and	S53	Dislocation and Sprain of Joints and Ligaments
	Forearm		of Elbow
842	Sprains and Strains of Wrist and	T02	Fractures Involving Several Regions of the
	Hand		Body
843	Sprains and Strains of Hip and	T08	Fractures of the Spine, Level Not Specified
	Thigh		
844	Sprains and Strains of Knee and Leg	T91	Sequelae of Injuries of Neck and Body
845	Sprains and Strains of Ankle and		
	Foot		

Headaches				
	346	Migraine	G43	Migraine
	784	Symptoms Involving Head and Neck	G44	Other Headache Syndromes
			R51	Headache
Other				
conditions				
associated with				
chronic pain				
	307	Special Symptoms or Syndromes,	F45	Somatoform Disorders
		Not Elsewhere Classified		
	564	Functional Digestive Disorders, Not	G96	Other Disorders of Central Nervous System
		Elsewhere Classified		
	625	Pain and Other Symptoms	L89	Pressure Ulcer
		Associated with Female Genital		
		Organs		

78	1 Symptoms Involving Nervous and	L97	Non-Pressure Chronic Ulcer of Lower Limb,
	Musculoskeletal Systems		Not Elsewhere Classified
78	9 Other Symptoms Involving	L98	Other Disorders of Skin and Subcutaneous
	Abdomen and Pelvis		Tissue, Not Elsewhere Classified
90	7 Late Effects of Injuries to the	M22	Internal Derangement of Knee
	Nervous System		
90	8 Late Effects of Other and	M47	Spondylosis
	Unspecified Injuries		
		M53	Other and Unspecified Dorsopathies, Not
			Elsewhere Classified
		M65	Synovitis and Tenosynovitis
		M70	Soft Tissue Disorders Related to Use, Overuse,
			and Pressure
		M75	Shoulder Lesions
		M79	Other Enthesopathies

M80	Other and Unspecified Soft Tissue Disorders,
	Not Elsewhere Classified
M99	Biomechanical Lesions, Not Elsewhere
	Classified
R07	Pain in Throat and Chest
R10	Abdominal and Pelvic Pain
R52	Pain, Unspecified
S13	Dislocation and Sprain of Joints and Ligaments
	at Neck Level
T85	Complications of Other Internal Prosthetic
	Devices, Implants, and Grafts
T88	Other Complications of Surgical and Medical
	Care, Not Elsewhere Classified
T92	Sequelae of Injuries of Upper Limb
Т93	Sequelae of Injuries of Lower Limb

T94	Sequelae of Injuries Involving Multiple and
	Unspecified Body Region

Abbreviations: ICD-9, International Classification of Disease – 9th Revision; ICD-10-CA, International Classification of Disease – 10th Revision (Canadian).

^a All diagnostic codes are organized by pain condition. All diagnostic codes are displayed in the three-digit *International Classification of Disease – 9th Revision* and the *International Classification of Disease – 10th Revision (Canadian)* format with the accompanying description. See Table S1 for further description of code formats used in the Newfoundland and Labrador health administrative datasets. **Table S4.** Summary of Canadian Chronic Disease Surveillance System Coding Algorithm Case Definitions for Comorbid

Conditions

Health Condition	Hospital	Physician fee-for-	Case Definition	Age	Start year
	Diagnosis Codes	service Diagnosis			for
	(ICD-9 up to and	Codes (ICD-9)			reporting
	including March				
	31, 2001; ICD-10-				
	CA from April 1,				
	2001 onwards)				
Mental health	290-319 up to and	290-319	One or more hospitalizations	1+	2000-01
conditions	including March		or one or more physician		
	31, 2001		claims within one year		

	F00-F99 from				
	April 1, 2001				
	onward				
Hypertension,	401; 402; 403;	401; 402; 403;	One or more hospitalizations	20+	2000-01
pregnancy-induced	404; 405 up to and	404; 405	or two or more physician		
hypertension	including March		claims within two years		
excluded	31, 2001				
			Special exclusion: Pregnancy-		
	110, 111, 112, 113,		induced hypertension in		
	I15 from April 1,		women age 20-54: 120 days		
	2001 onward		preceding or 180 days after		
			hospital records containing		
			any of the gestational		
			diagnostic codes.		
			• ICD-9: 641-676, V27		

			• ICD-10 and ICD-10-CA: 01	,	
			021-95, 098, 099, Z37		
Mood and anxiety	296; 300; 311 up	296; 300; 311	One or more hospitalizations	1+	2000-01
disorders	to and including		or one or more physician		
	March 31, 2001		claims within one year		
	F30-F42, F44-F48,				
	F68 from April 1,				
	2001 onward				
Diabetes, type	250 up to and	250	One or more hospitalizations	1+	2000-01
unspecified,	including March		or two or more physician		
gestational	31, 2001		claims within two years		
diabetes excluded					
	E10, E11, E12,		Special exclusion: Evidence		
	E13, E14 from		from women aged 10-54 is		

	April 1, 2001		removed 120 days preceding	
	onward		or 180 days after hospital	
			records containing any of the	
			pregnancy-related and	
			obstetrical codes:	
			• ICD-9: 641-676, V27	
			• ICD-10 and ICD-10-CA: 01,	
			021-95, 098, 099, Z37	
Ischemic heart	410; 411; 412;	410; 411; 412;	One or more hospitalizations 20+	2000-01
disease (IHD)	413; 414 up to and	413; 414	or procedure code or two or	
	including March		more physician claims within	
	31, 2001		one year	

	120, 121, 122, 123,				
	I24, I25 from April				
	1, 2001 onward				
Chronic	491; 492; 496 up	491; 492; 496	One or more hospitalizations	35+	2000-01
obstructive	to and including		or one or more physician		
pulmonary disease	March 31, 2001		claims ever		
(COPD)					
	J41, J42, J43, J44		Special exclusions:		
	from April 1, 2001		ICD-9 Code 490, and ICD-10		
	onward		Code J40		
Asthma	493 up to and	493	One or more hospitalizations	1+	2000-01
	including March		ever or two or more physician		
	31, 2001		claims within two years		

	J45, J46 from April				
	1, 2001 onward				
Cancer	C00-80, C97	N/A	One or more hospitalizations	<u>.</u>	2001-02
Heart failure	428 up to and	428	One or more hospitalizations	40+	2000-01
	including March		or two or more physician		
	31, 2001		claims within one year		
	I50 from April 1,				
	2001 onward				
Acute myocardial	410 up to and	N/A	One or more hospital	20+	2000-01
infarction	including March		inpatient admission		
	31, 2001				
	I21; I22 from April				
	1, 2001 onward				

Stroke	G45.x (exclude	430, 431, 434, 435,	One or more hospitalization	20+	2003-04
	G45.4), H34.0,	436	or two or more physician		
	H34.1, I60.x, I61.x,		claims within one year		
	I63.x (exclude				
	I63.6), I64				
Hip fracture	820 up to and	N/A	One or more hospitalizations	40+	2000-01
	including March		(6 month episode period)		
	31, 2001				
	S72.0; S72.1; S72.2				
	from April 1, 2001				
	onward				
Dementia,	G30, F00, F01, F02,	290, 331	One or more hospitalizations;	65+	2002-03
including	F03		or three or more physician		
			claims within two years, with		

Alzheimer's			at least 30 days between each
disease			claim
Epilepsy	G40	345	• For individuals aged 1-19 1+ 2005-06
			years:
			Three or more physician
			claims, with at least 30 days
			between each claim, within
			two years.
			• For individuals aged 20
			years and over:
			One or more hospitalizations;
			or three or more physician
			claims, with at least 30 days
			between each claim, within
			two years.

Parkinsonism	N/A	332	Two or more physician claims, 40+	
			with at least 30 days between	
			the first and the second claim	
			within one year	
Multiple sclerosis	G35	340	One or more hospitalizations 20+	2003-04
			or five or more physician	
			claims within two years	

Abbreviations: ICD-9, International Classification of Disease – 9th Revision; ICD-10-CA, International Classification of Disease – 10th Revision (Canadian).

Source: Canadian Chronic Disease Surveillance System, Public Health Agency of Canada. Public Health Infobase: Canadian Chronic Disease Surveillance System (CCDSS), 2018. Retrieved from https://health-infobase.canada.ca/ccdss/data-tool/Index.

Xie L, Semenciw R, Mery L. Cancer incidence in Canada: trends and projections (1983-2032). Health Promot Chronic Dis Prev Can 2015;35 Suppl 1:2-186. Retrieved from <u>https://www.canada.ca/en/public-health/services/reports-publications/health-</u> <u>promotion-chronic-disease-prevention-canada-research-policy-practice/vol-35-no-1-2015/supplement.html</u>. **Table S5.** Provincial Medical Care Plan Procedure Billing Codes Used to Describe Diagnostic Imaging Claims in Newfoundland

and Labrador, Canada

Procedure Code	Procedure Description
General	
Radiograph	
701000	Skull-Routine
701010	Sella turcica
701100	Facial bones
701110	Nose
701120	Mandible
701130	Temperomandibular joints
701200	sinuses
701210	Mastoids - acute
701320	Teeth - full set

701400	Eye - for foreign body
701410	Eye - for localization (stereo-optics)
701420	Optic Foramina
701500	Salivary gland region
701600	Neck for soft tissues
701900	General radiograph
702000	Cervical spine
702100	Thoracic spine
702200	Lumbar or lumbosacral spine
702250	Sacrum and/or coccyx
702300	Pelvis - single view
702350	Pelvis and hips
702400	Sacroiliac joints
702450	Spine - scoliosis series
702500	Ribs - unilateral

700510			
702510	Ribs - bilateral, extra		
702600	Sternum		
702700	Special additional view of any spine and pelvis item		
703000	Clavicle		
703010	Sternoclavicular joint		
703030	Acromioclavicular joints - bilateral (with or without weighted distraction)		
703100	Shoulder		
703200	Scapula		
703300	Humerus		
703310	Elbow		
703320	Ulna and radius		
703330	Wrist		
703340	Wrist and Hand		
703350	Hand		
703360	Finger		

703370Thumb, including metacarpals703380Scaphoid703500Hip703510Hip pinning, interpretation only703520Femur703530Orthoroentgenogram703600Knee703640Tibia and fibula703660Ankle703680Calcaneous703700Foot703800Toe703900Special additional view of any item in the section headed extremities703950Post reduction check704300Skeletal survey for bone age - single film				
703500Hip703510Hip pinning, interpretation only703520Femur703530Orthoroentgenogram703600Knee703640Tibia and fibula703660Ankle703680Calcaneous703700Foot703800Toe703900Special additional view of any item in the section headed extremities703950Post reduction check	703370	Thumb, including metacarpals		
703510Hip pinning, interpretation only703520Femur703530Orthoroentgenogram703600Knee703640Tibia and fibula703660Ankle703680Calcaneous703700Foot703800Toe703900Special additional view of any item in the section headed extremities703950Post reduction check	703380	Scaphoid		
703520Femur703530Orthoroentgenogram703600Knee703640Tibia and fibula703660Ankle703680Calcaneous703700Foot703800Toe703900Special additional view of any item in the section headed extremities703950Post reduction check	703500	Hip		
703530Orthoroentgenogram703600Knee703640Tibia and fibula703660Ankle703680Calcaneous703700Foot703800Toe703900Special additional view of any item in the section headed extremities703950Post reduction check	703510	Hip pinning, interpretation only		
703600Knee703640Tibia and fibula703660Ankle703680Calcaneous703700Foot703800Toe703900Special additional view of any item in the section headed extremities703950Post reduction check	703520	Femur		
703640Tibia and fibula703660Ankle703680Calcaneous703700Foot703800Toe703900Special additional view of any item in the section headed extremities703950Post reduction check	703530	Orthoroentgenogram		
703660Ankle703680Calcaneous703700Foot703800Toe703900Special additional view of any item in the section headed extremities703950Post reduction check	703600	Knee		
703680Calcaneous703700Foot703800Toe703900Special additional view of any item in the section headed extremities703950Post reduction check	703640	Tibia and fibula		
703700Foot703800Toe703900Special additional view of any item in the section headed extremities703950Post reduction check	703660	Ankle		
703800Toe703900Special additional view of any item in the section headed extremities703950Post reduction check	703680	Calcaneous		
703900Special additional view of any item in the section headed extremities703950Post reduction check	703700	Foot		
703950 Post reduction check	703800	Тое		
	703900	Special additional view of any item in the section headed extremities		
704300Skeletal survey for bone age - single film	703950	Post reduction check		
	704300	Skeletal survey for bone age - single film		

704310	Skeletal survey for bone age - 2 or more films or views		
704400	Other survey - basic for rheumatoid survey		
704500	Other survey - basic for metabolic survey		
704600	Other survey - basic for metastatic survey		
704650	Other survey - plus per film or view for either of the above		
705010	Chest - single film		
705020	Chest - 2 views		
705030	Chest - 3 or more views		
705200	Mammography - unilateral		
705220	Mammography - bilateral		
705250	Screening mammography program		
706000	Abdomen - Survey film		
706010	Abdomen - additional film studies (acute abdomen)		
706100	Oesophagus		
706200	Stomach and duodenum		

706210	Stomach and duodenum with small intestinal series		
706250	Small bowel only		
706260	Upper GI - double contrast		
706300	Colon - barium enema		
706310	Colon - with air study		
706450	T-tube cholangiogram		
706500	Operative cholangiogram, interpretation only		
707000	GU tract - Survey film		
707050	Retrograde pyelogram		
707100	Intravenous pyelogram		
707140	Intravenous pyelogram - with nephrotomogram		
707300	Urethrocystogram		
707350	Stress urethrocystogram		
707380	Voiding urethrocystogram		
707450	Nephrostogram		

708240	Obstetrics and Gynecology - Hysterosalpingogram		
Computed			
Tomography Sc	an		
738000	Head - without IV contrast		
738010	Head - with IV contrast		
738020	Head - with and without IV contrast		
738050	Complex head - without IV contrast		
738060	Complex head - with IV contrast		
738070	Complex head - with and without IV contrast		
738100	Neck - with IV contrast		
738110	Neck - without IV contrast		
738120	Neck - with and without IV contrast		
738150	Thorax - without IV contrast		
738160	Thorax with IV contrast		
738170	Thorax with and without IV contrast		

738200	Abdomen - without IV contrast
738210	Abdomen - with IV contrast
738230	Abdomen with and without IV contrast
738250	Extremities - without IV contrast
738260	Extremities - with IV contrast
738270	Extremities - with and without IV contrast
738300	Spine without IV contrast
738310	Spine with IV contrast
738320	Spine with and without IV contrast
738350	Pelvis without IV contrast
738360	Pelvis with IV contrast
738370	Pelvis with and without IV contrast
Magnetic	
Resonance	
Imaging Scan	

738500	Head - multislice SE
738510	Head - multislice IR
738520	Head - repeat
738530	Head with gating
738550	Neck - multislice SE
738560	Neck - multislice IR
738570	Neck - repeat
738600	Thorax - multislice SE
738610	Thorax - multislice IR
738620	Thorax - repeat
738630	Thorax - when gating is performed
738650	Abdomen - multislice SE
738660	Abdomen - multislice IR
738670	Abdomen - repeat
738680	Abdomen - when gating is performed

738700	Pelvis - multislice SE
738710	Pelvis - multislice IR
738720	Pelvis - repeat
738750	Extremity - multislice SE
738760	Extremity - multislice IR
738770	Extremity - repeat
738800	Spine - 1 segment - multislice SE
738810	Spine 1 segment - multislice IR
738820	Spine 1 segment - repeat
738860	Spine 2 segments - multislice SE
738870	Spine 2 segments - multislice IR
738880	Spine - 2 segments - repeat
738910	Complex spine - multislice SE
738920	Complex spine - multislice IR
738930	Complex spine - repeat

745200Diagnostic biopsy by any radiography technique

Source: Medical Care Plan, Department of Health and Community Services (2011). Medical Payment Schedule - 2009.

Retrieved from http://www.health.gov.nl.ca/health/mcp/providers/full_mcp_payment_schedule_2009.pdf.

Table S6. 2009/10 Age-stratified Provincial Cohort (N=504,693) Proportion of Prevalent Cases in Newfoundland and

Labrador, Canada

	% Prevalent Cases (95% CI) ^a			
	Both Sexes	Female	Male	
All Ages	36.6(36.4-36.7)	42.8(42.7-43.0)	30.1(29.9-30.3)	
Age Group				
0-9 years	4.9(4.7-5.2)	5.0(4.6-5.3)	4.9(4.6-5.2)	
10-17 years	12.4(12.1-12.7)	12.7(12.2-13.1)	12.1(11.7-12.5)	
18-24 years	22.1(21.8-22.5)	26.7(26.1-27.3)	17.6(17.2-18.1)	
25-34 years	28.8(28.5-29.2)	37.1(36.5-37.6)	20.3(19.8-20.7)	
35-44 years	37.4(37.0-37.7)	45.4(44.9-45.9)	28.9(28.4-29.3)	
45-54 years	45.3(45.0-45.6)	52.8(52.3-53.2)	37.6(37.1-38.0)	
55-64 years	50.6(50.2-50.9)	57.3(56.8-57.7)	43.8(43.3-44.3)	
65-74 years	51.7(51.2-52.1)	57.2(56.5-57.8)	46.0(45.3-46.6)	
75-84 years	54.7(54.1-55.3)	58.9(58.0-59.7)	49.4(48.5-50.4)	

85 and over years	57.8(56.8-58.9)	59.7(58.5-61.0)	53.7(51.8-55.5)
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Abbreviations: N, total cohort population; CI, confidence interval, MCP, Medical Care Plan; NL, Newfoundland and Labrador. ^a Prevalent case was defined as case selection by the Chronic Pain Algorithm applied to 1999-2009 provincial cohort NL MCP Fee-for-Service Physician Claims File data. The Chronic Pain Algorithm was defined as: 1) a single encounter date with an anesthesiologist recording a chronic pain-related provincial MCP procedure billing code (Table S2, Supplementary Digital Content), OR 2) five or more encounter dates with any physician recording any pain-related diagnostic code (Table S3, Supplementary Digital Content) in a five-year period with more than 183 days separating at least two pain-related encounter dates.