



Therapy Class Ranking (Top 100 Ranked by Total Claim Cost)
Prescriptions Filled from 01/2005 through 12/2005 compared to 01/2006 through 12/2006
Quebec

GPI	Therapy Class Name	Common Indications	# Rxs Rank		% of Total Rxs		Claim Cost Rank		% of Total Claim Cost		Avg Claim Cost/Rx		% Change in Avg Claim Cost/Rx
			2005	2006	2005	2006	2005	2006	2005	2006	2005	2006	
394000	HMG CoA Reductase Inhibitors	HIGH CHOLESTEROL	1	1	5.77%	5.96%	1	1	9.80%	9.69%	\$ 68.56	\$ 68.39	-0.25%
492700	Proton Pump Inhibitors	ULCER/REFLUX	7	5	2.78%	3.02%	2	2	5.21%	5.40%	\$ 75.62	\$ 75.29	-0.43%
581600	Selective Serotonin Reuptake Inhibitors (SSRIs)	DEPRESSION	6	6	2.81%	2.81%	3	3	3.62%	3.43%	\$ 52.05	\$ 51.35	-1.35%
581800	Serotonin-Norepinephrine Reuptake Inhibitors (SNRIs)	DEPRESSION	17	10	1.61%	2.30%	7	4	2.19%	3.00%	\$ 54.89	\$ 54.96	0.12%
340000	Calcium Channel Blockers	HIGH BLOOD PRESSURE	12	11	2.24%	2.29%	4	5	2.96%	2.91%	\$ 53.20	\$ 53.39	0.36%
361000	ACE Inhibitors	HIGH BLOOD PRESSURE	5	7	2.85%	2.80%	6	6	2.79%	2.64%	\$ 39.54	\$ 39.55	0.02%
999000	Not Classified	UNCLASSIFIED	14	19	1.88%	1.46%	5	7	2.81%	2.14%	\$ 60.38	\$ 61.78	2.32%
259900	Combination Contraceptives - Oral	BIRTH CONTROL	2	2	4.36%	4.48%	9	8	2.05%	2.04%	\$ 18.95	\$ 19.18	1.20%
361500	Angiotensin II Receptor Antagonists	HIGH BLOOD PRESSURE	15	15	1.71%	1.83%	10	9	1.97%	2.02%	\$ 46.46	\$ 46.60	0.30%
624030	Multiple Sclerosis Agents - Interferons	MULTIPLE SCLEROSIS	161	166	0.06%	0.06%	8	10	2.07%	1.97%	\$ 1,415.31	\$ 1,480.29	4.59%
726000	Anticonvulsants - Misc.	ANTICONVULSANT	31	28	0.82%	0.95%	13	11	1.45%	1.69%	\$ 71.17	\$ 75.05	5.45%
369940	Angiotensin II Receptor Antagonists & Thiazides	HIGH BLOOD PRESSURE	23	18	1.33%	1.46%	11	12	1.53%	1.62%	\$ 46.25	\$ 46.49	0.51%
525050	Tumor Necrosis Factor Alpha Blockers	RHEUMATOID ARTHRITIS	276	245	0.01%	0.02%	21	13	1.03%	1.53%	\$ 3,485.26	\$ 3,729.22	7.00%
674060	Selective Serotonin Agonists 5-HT(1)	MIGRAINE	41	40	0.59%	0.60%	12	14	1.49%	1.46%	\$ 101.32	\$ 101.97	0.64%
444000	Steroid Inhalants	ASTHMA/COPD	29	29	0.89%	0.89%	15	15	1.42%	1.37%	\$ 64.28	\$ 64.66	0.59%
300420	Bisphosphonates	OSTEOPOROSIS	26	25	0.98%	1.00%	14	16	1.42%	1.35%	\$ 58.43	\$ 56.84	-2.72%
661000	Nonsteroidal Anti-inflammatory Agents (NSAIDs)	NSAIDs - pain and inflammation	10	9	2.45%	2.41%	16	17	1.34%	1.27%	\$ 22.16	\$ 22.20	0.16%
662900	Soluble Tumor Necrosis Factor Receptor Agents	RHEUMATOID ARTHRITIS	194	196	0.03%	0.04%	25	18	1.01%	1.22%	\$ 1,205.52	\$ 1,398.93	16.04%
422000	Nasal Steroids	ALLERGY	24	22	1.33%	1.37%	18	19	1.18%	1.18%	\$ 35.80	\$ 36.09	0.79%
332000	Beta Blockers Cardio-Selective	HIGH BLOOD PRESSURE	9	8	2.55%	2.48%	17	20	1.26%	1.15%	\$ 20.01	\$ 19.55	-2.29%
614000	Stimulants - Misc.	ATTENTION DEFICIT DISORDER	37	32	0.72%	0.75%	26	21	1.00%	1.14%	\$ 55.78	\$ 64.31	15.29%
442099	Adrenergic Combinations	ASTHMA/COPD	48	47	0.47%	0.48%	19	22	1.13%	1.12%	\$ 97.01	\$ 98.49	1.53%
276070	Thiazolidinediones	DIABETES	55	49	0.41%	0.45%	22	23	1.03%	1.08%	\$ 101.41	\$ 101.86	0.45%
651000	Opioid Agonists	NARCOTIC ANALGESICS - pain	27	26	0.93%	0.99%	27	24	0.96%	0.99%	\$ 41.38	\$ 42.27	2.14%
035000	Clarithromycin	ANTIBIOTICS/ANTI-INFECTIVES	42	39	0.59%	0.62%	28	25	0.92%	0.94%	\$ 63.11	\$ 63.54	0.68%
240000	Estrogens	HORMONE REPLACEMENT	8	12	2.56%	2.28%	24	26	1.01%	0.88%	\$ 15.96	\$ 16.20	1.51%
259920	Triphasic Contraceptives - Oral	BIRTH CONTROL	11	14	2.24%	1.99%	23	27	1.02%	0.88%	\$ 18.38	\$ 18.55	0.96%
272500	Biguanides	DIABETES	19	17	1.43%	1.55%	31	28	0.83%	0.83%	\$ 22.26	\$ 22.49	1.03%
121099	Antiretroviral Combinations	HIV/AIDS	177	174	0.04%	0.05%	36	29	0.74%	0.83%	\$ 699.68	\$ 709.50	1.40%
050000	Fluoroquinolones	ANTIBIOTICS/ANTI-INFECTIVES	32	31	0.76%	0.75%	29	30	0.87%	0.78%	\$ 46.45	\$ 43.88	-5.54%
824015	Granulocyte Colony-Stimulating Factors (G-CSF)	BLOOD DISORDERS	237	223	0.02%	0.02%	46	31	0.54%	0.76%	\$ 1,161.10	\$ 1,412.08	21.62%
661005	Cyclooxygenase 2 (COX-2) Inhibitors	NSAIDs - pain and inflammation	44	41	0.57%	0.60%	32	32	0.76%	0.76%	\$ 53.67	\$ 52.70	-1.82%
271040	Human Insulin	DIABETES	50	45	0.45%	0.53%	45	33	0.54%	0.75%	\$ 48.48	\$ 59.43	22.59%
281000	Thyroid Hormones	THYROID DISORDERS	3	4	3.90%	3.91%	33	34	0.75%	0.74%	\$ 7.77	\$ 7.91	1.88%
392000	Fibric Acid Derivatives	HIGH CHOLESTEROL	40	42	0.62%	0.59%	30	35	0.82%	0.72%	\$ 53.44	\$ 51.93	-2.83%
442010	Beta Adrenergics	ASTHMA/COPD	22	23	1.39%	1.35%	34	36	0.75%	0.71%	\$ 21.71	\$ 22.04	1.51%
905500	Corticosteroids - Topical	TOPICAL ANTI-INFLAMMATORY	21	21	1.42%	1.37%	37	37	0.72%	0.70%	\$ 20.55	\$ 21.50	4.60%
851580	Thienopyridine Derivatives	BLOOD FLOW ANTIPLATELET	74	67	0.31%	0.33%	38	38	0.67%	0.69%	\$ 87.70	\$ 88.29	0.68%
260000	Progestins	HORMONE REPLACEMENT	20	24	1.42%	1.31%	35	39	0.75%	0.69%	\$ 21.16	\$ 22.05	4.25%
124050	Herpes Agents - Purine Analogues	ANTIBIOTICS/ANTI-INFECTIVES	71	60	0.32%	0.37%	42	40	0.60%	0.67%	\$ 76.48	\$ 76.25	-0.29%
591570	Thienbenzodiazepines	ANTIPSYCHOTIC	90	93	0.21%	0.21%	39	41	0.65%	0.62%	\$ 124.82	\$ 124.81	-0.01%
624000	Multiple Sclerosis Agents	MULTIPLE SCLEROSIS	225	228	0.02%	0.02%	40	42	0.63%	0.61%	\$ 1,177.23	\$ 1,223.97	3.97%
525000	Inflammatory Bowel Agents	INFLAMMATORY BOWEL DISEASE	79	76	0.27%	0.27%	41	43	0.62%	0.60%	\$ 92.76	\$ 94.76	2.15%
791099	Calcium Combinations	OSTEOPOROSIS	16	16	1.64%	1.82%	48	44	0.51%	0.56%	\$ 12.53	\$ 13.05	4.12%
571000	Benzodiazepines	ANTI-ANXIETY	13	13	2.15%	2.06%	43	45	0.59%	0.55%	\$ 11.12	\$ 11.20	0.74%
591530	Dibenzothiazepines	ANTIPSYCHOTIC	65	51	0.34%	0.41%	54	46	0.46%	0.52%	\$ 54.45	\$ 53.44	-1.85%
022000	Cephalosporins - 2nd Generation	ANTIBIOTICS/ANTI-INFECTIVES	56	58	0.40%	0.37%	44	47	0.56%	0.51%	\$ 56.60	\$ 57.51	1.61%
641000	Salicylates	NSAIDs - pain and inflammation	4	3	3.71%	4.03%	51	48	0.47%	0.49%	\$ 5.10	\$ 5.15	1.06%
213000	Antimetabolites	ANTICANCER	77	72	0.29%	0.30%	52	49	0.47%	0.48%	\$ 64.83	\$ 67.29	3.81%
215340	Antineoplastic - Protein-Tyrosine Kinase Inhibitors	ANTICANCER	333	320	0.01%	0.01%	58	50	0.39%	0.47%	\$ 2,910.96	\$ 3,244.58	11.46%
824010	Erythropoietins	BLOOD DISORDERS	199	202	0.03%	0.03%	49	51	0.50%	0.46%	\$ 634.16	\$ 614.80	-3.05%
941000	Diagnostic Reagents	DIABETIC TESTING AGENTS	105	84	0.16%	0.25%	83	52	0.28%	0.43%	\$ 69.25	\$ 72.86	5.22%
602040	Non-Benzodiazepine - GABA-Receptor Modulators	SEDATIVE/HYPNOTIC	38	34	0.66%	0.72%	57	53	0.41%	0.43%	\$ 24.75	\$ 24.82	0.30%
214028	Aromatase Inhibitors	ANTICANCER	135	128	0.09%	0.10%	67	54	0.37%	0.42%	\$ 159.71	\$ 180.19	12.83%
445050	Leukotriene Receptor Antagonists	ASTHMA/COPD	87	83	0.24%	0.25%	56	55	0.42%	0.42%	\$ 71.45	\$ 71.40	-0.07%
231000	Androgens	HORMONE REPLACEMENT	108	107	0.15%	0.15%	55	56	0.42%	0.41%	\$ 111.60	\$ 115.75	3.73%
034000	Azithromycin	ANTIBIOTICS/ANTI-INFECTIVES	49	50	0.46%	0.42%	50	57	0.50%	0.41%	\$ 43.71	\$ 41.65	-4.72%
994030	Inosine Monophosphate Dehydrogenase Inhibitors	ORGAN TRANSPLANT	172	171	0.05%	0.05%	59	58	0.39%	0.41%	\$ 334.65	\$ 331.32	-0.99%
994040	Macrolide Immunosuppressants	ORGAN TRANSPLANT	166	168	0.05%	0.05%	60	59	0.38%	0.38%	\$ 296.75	\$ 294.28	-0.83%
369918	ACE Inhibitors & Thiazide/Thiazide-Like	HIGH BLOOD PRESSURE	58	55	0.38%	0.39%	62	60	0.38%	0.38%	\$ 39.93	\$ 40.45	1.32%
568520	Alpha 1-Adrenoceptor Antagonists	BENIGN PROSTATIC HYPERPLASIA	73	62	0.31%	0.34%	68	61	0.36%	0.37%	\$ 46.38	\$ 44.95	-3.08%
900500	Acne Products	ACNE	57	75	0.38%	0.27%	47	62	0.53%	0.37%	\$ 56.60	\$ 56.60	1.81%
393000	Intestinal Cholesterol Absorption Inhibitors	HIGH CHOLESTEROL	102	86	0.18%	0.24%	79	63	0.28%	0.36%	\$ 64.72	\$ 64.05	-1.04%
583000	Antidepressants - Misc.	DEPRESSION	28	53	0.92%	0.41%	20	64	1.08%	0.35%	\$ 47.26	\$ 36.70	-22.34%
389000	Anaphylaxis Therapy Agents	ALLERGY	116	113	0.12%	0.13%	71	65	0.34%	0.35%	\$ 113.11	\$ 114.54	1.26%
040000	Tetracyclines	ANTIBIOTICS/ANTI-INFECTIVES	63	65	0.35%	0.34%	64	66	0.37%	0.35%	\$ 42.47	\$ 43.53	2.50%



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GPI	Therapy Class Name	Common Indications	# Rxs Rank		% of Total Rxs		Claim Cost Rank		% of Total Claim Cost		Avg Claim Cost/Rx		% Change in Avg Claim Cost/Rx	
			2005	2006	2005	2006	2005	2006	2005	2006	2005	2006		
721000	Anticonvulsants - Benzodiazepines	ANTICONVULSANT	25	27	0.99%	0.97%	65	67	0.37%	0.35%	\$ 15.13	\$ 15.14	0.09%	
272000	Sulfonylureas	DIABETES	34	33	0.75%	0.73%	66	68	0.37%	0.35%	\$ 19.79	\$ 19.98	0.97%	
376000	Thiazides and Thiazide-Like Diuretics	HIGH BLOOD PRESSURE	18	20	1.49%	1.45%	63	69	0.37%	0.34%	\$ 10.07	\$ 10.00	-0.73%	
590700	Benzisoxazoles	ANTIPSYCHOTIC	83	80	0.25%	0.26%	70	70	0.34%	0.33%	\$ 54.50	\$ 54.40	-0.19%	
249915	Estrogen & Antiandrogen	ACNE	46	48	0.52%	0.47%	61	71	0.38%	0.33%	\$ 29.57	\$ 29.95	1.29%	
114070	Triazoles	ANTIBIOTICS/ANTI-INFECTIVES	62	59	0.37%	0.37%	69	72	0.34%	0.33%	\$ 37.49	\$ 37.15	-0.89%	
252000	Progestin Contraceptives - IUD	BIRTH CONTROL	193	191	0.03%	0.04%	77	73	0.29%	0.32%	\$ 344.45	\$ 344.16	-0.08%	
121045	Antiretrovirals - Protease Inhibitors	HIV/AIDS	213	206	0.03%	0.03%	80	74	0.28%	0.32%	\$ 451.82	\$ 443.25	-1.90%	
012000	Aminoampicillins	ANTIBIOTICS/ANTI-INFECTIVES	35	35	0.74%	0.71%	72	75	0.33%	0.31%	\$ 18.03	\$ 18.39	1.98%	
751000	Central Muscle Relaxants	MUSCLE RELAXANT	45	43	0.54%	0.56%	74	76	0.31%	0.30%	\$ 23.05	\$ 22.81	-1.03%	
582000	Tricyclic Agents	DEPRESSION	30	30	0.89%	0.86%	73	77	0.33%	0.30%	\$ 14.77	\$ 14.68	-0.62%	
214050	LHRH Analogs	ANTICANCER	231	236	0.02%	0.02%	75	78	0.30%	0.29%	\$ 605.72	\$ 631.83	4.31%	
621000	Smoking Deterrents	SMOKING DETERENTS	33	74	0.75%	0.28%	93	79	0.22%	0.26%	\$ 11.75	\$ 39.70	237.77%	
301000	Growth Hormones	ENDOCRINE / METABOLIC DISORDERS	263	275	0.01%	0.01%	78	80	0.29%	0.26%	\$ 864.44	\$ 910.56	5.33%	
725000	Valproic Acid	ANTICONVULSANT	69	69	0.32%	0.32%	82	81	0.28%	0.26%	\$ 35.17	\$ 34.19	-2.79%	
540000	Urinary Antispasmodics	BLADDER URINARY TRACT	99	94	0.18%	0.19%	88	82	0.25%	0.26%	\$ 55.38	\$ 56.63	2.25%	
659910	Codeine Combinations	NARCOTIC ANALGESICS - pain	36	37	0.72%	0.65%	76	83	0.29%	0.26%	\$ 16.30	\$ 16.71	2.51%	
121090	Antiretrovirals - RTI-Non-Nucleoside Analogues	HIV/AIDS	217	219	0.02%	0.02%	84	84	0.27%	0.26%	\$ 433.52	\$ 443.72	2.35%	
612535	Fat Absorption Decreasing Agents	WEIGHT REDUCTION	138	147	0.09%	0.07%	81	85	0.28%	0.26%	\$ 127.06	\$ 149.54	17.69%	
831010	Low Molecular Weight Heparins	BLOOD FLOW THINNERS	181	176	0.04%	0.05%	101	86	0.19%	0.26%	\$ 197.04	\$ 221.98	12.66%	
613540	ADHD Agent - Selective Norepinephrine Reuptake Inhibitor	ATTENTION DEFICIT DISORDER	191	143	0.04%	0.08%	141	87	0.10%	0.24%	\$ 114.72	\$ 128.51	12.02%	
019900	Penicillin Combinations	ANTIBIOTICS/ANTI-INFECTIVES	86	88	0.24%	0.23%	87	88	0.25%	0.24%	\$ 42.32	\$ 43.99	3.94%	
331000	Beta Blockers Non-Selective	HIGH BLOOD PRESSURE	52	54	0.43%	0.40%	85	89	0.26%	0.24%	\$ 24.78	\$ 24.65	-0.52%	
662700	Anti-TNF-alpha - Monoclonal Antibodies	RHEUMATOID ARTHRITIS	364	313	0.00%	0.01%	129	90	0.12%	0.24%	\$ 1,519.73	\$ 1,575.74	3.69%	
580300	Alpha-2 Receptor Antagonists (Tetracyclics)	DEPRESSION	84	79	0.25%	0.26%	89	91	0.24%	0.23%	\$ 39.69	\$ 37.02	-6.72%	
221000	Glucocorticosteroids	STEROIDS ANTI-INFLAMATORY	39	38	0.65%	0.64%	91	92	0.23%	0.23%	\$ 14.33	\$ 14.71	2.61%	
581200	Modified Cyclics	DEPRESSION	47	46	0.48%	0.49%	92	93	0.22%	0.22%	\$ 18.58	\$ 18.88	1.65%	
503099	Antiemetic Combinations	ANTINAUSEA	119	115	0.12%	0.12%	96	94	0.21%	0.21%	\$ 69.83	\$ 71.78	2.79%	
160000	Anti-Infective Agents - Misc.	ANTIBIOTICS/ANTI-INFECTIVES	110	111	0.14%	0.14%	90	95	0.24%	0.21%	\$ 67.65	\$ 65.58	-3.06%	
121085	Antiretrovirals - RTI-Nucleotide Analogues	HIV/AIDS	293	258	0.01%	0.01%	119	96	0.14%	0.21%	\$ 585.72	\$ 585.87	0.03%	
211040	Imidazotetrazines	ANTICANCER	337	336	0.01%	0.01%	105	97	0.18%	0.21%	\$ 1,467.05	\$ 1,697.06	15.68%	
110000	Antifungals	ANTIBIOTICS/ANTI-INFECTIVES	145	140	0.09%	0.09%	94	98	0.22%	0.21%	\$ 100.89	\$ 99.78	-1.10%	
900599	Acne Combinations	ACNE	82	85	0.25%	0.24%	95	99	0.21%	0.20%	\$ 34.44	\$ 35.35	2.63%	
901500	Antifungals - Topical	TOPICAL ANTIBIOTICS/ANTI-INFECTIVES	80	78	0.25%	0.26%	108	100	0.18%	0.19%	\$ 28.25	\$ 30.89	9.36%	
Top 100 Therapy Classes										86.21%	86.48%	\$ 41.60	\$ 43.71	5.07%
Grand Total (All Therapy Classes)										100%	\$ 40.35	\$ 42.06	4.24%	

Legend:

Claim Cost
GPI
Therapy Class Name
Common Indications
Rxs Rank
% of Total Rxs
Claim Cost Rank
% of Total Claim Cost
Avg Claim Cost/Rx
% Change in Avg Claim Cost/Rx

Claim cost includes allowable ingredient costs (cost plus markup) plus pharmacy dispensing fee.
Generic Product Indicator: classifies drugs into similar therapy classes
Pharmaceutical name for a specific class of drugs
Familiar name for treating conditions for a Therapy Class of drugs
The rank of therapy classes according to the number of allowable prescriptions (claims)
The percentage of prescriptions within the therapy class compared to all therapy classes
The rank of therapy classes according to the claim cost of the prescriptions.
The percentage of claim cost of the prescriptions within the therapy class compared to all therapy classes
Average Claim Cost per Prescription: The average claim cost of all the prescriptions within the therapy class
The percentage of claim cost change for the prescriptions within a therapy class comparing the two data periods