

Pharmaceutical trends

Top 50 dispensed* medications in Canada, 2010

| Rank 2010 | Launch date (MMYY) | # of Rx 2010 |
|-----------------------------------|-----------------------|--------------------|
| Total Prescriptions Canada | | 504,809,974 |
| 1 | | 12,834,654 |
| 2 | | 9,620,297 |
| 3 | | 9,278,860 |
| 4 | | 4,305,395 |
| 5 | | 4,191,151 |
| 6 | | 3,959,422 |
| 7 | | 3,924,420 |
| 8 | | 3,689,467 |
| 9 | | 3,663,759 |
| 10 | | 3,319,546 |

Top 50 dispensed medications in Canada, 2010

| | | |
|------------------|--------------------------|-------------------------|
| Actonel | Adalat XL | Alesse |
| Apo-Atorvastatin | Apo-Furosemide | Apo-Hydro |
| Apo-Lorazepam | Apo-Metformin | Apo-Metoprolol |
| Apo-Naproxen | Apo-Oxazepam | Apo-Prednisone |
| Apo-Ramipril | Apo-Salvent CFC FR | Atacand |
| Ativan | Avapro | Celebrex |
| Cipralext | Coumadin | Coversyl |
| Crestor | Diovan | Diovan HCT |
| Eltroxin | Ezetrol | Flomax CR |
| Flovent HFA | Lipitor | Lyrica |
| Nasonex | Nexium | Plavix |
| Pro-AAS EC-80 | Ran-Pantoprazole | Ratio-Lenoltec #3 |
| Ratio-Metformin | Ratio-Oxycocet | Sandoz-Bisoprolol |
| Spiriva | Synthroid | Taro-Warfarin |
| Teva-Amoxicillin | Teva-Hydrochlorothiazide | Teva-Metoprolol |
| Teva-Rabeprazole | Teva-Venlafaxine XR | Tylenol with Codeine #3 |
| Ventolin HFA | Yasmin | |

<http://www.imshealth.com>

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Top 50 dispensed* medications in Canada, 2010

| Rank 2010 | | Launch date (MMYY) | # of Rx 2010 | % Change over 2009 |
|--------------|-----------------------------------|-----------------------|--------------------|-----------------------|
| | Total Prescriptions Canada | | 504,809,974 | 4.5 |
| 1 | Synthroid | Jan 57 | 12,834,654 | 5.8 |
| 2 | Crestor | Feb 03 | 9,620,297 | 24.8 |
| 3 | Lipitor | March 97 | 9,278,860 | -39.9 |
| 4 | Apo-Furosemide | June 76 | 4,305,395 | 6.6 |
| 5 | Teva-Amoxicillin | Jan 79 | 4,191,151 | 55.3 |
| 6 | Nexium | Aug 01 | 3,959,422 | 12.1 |
| 7 | Teva-Venlafaxine XR | Dec 06 | 3,924,420 | -10.7 |
| 8 | Apo-Ramipril | Dec 06 | 3,689,467 | -14.7 |
| 9 | Apo-Hydro | Oct 74 | 3,663,759 | 36.9 |
| 10 | Plavix | Oct 98 | 3,319,546 | 8.4 |

| | | | | |
|----|-------------------------|----------|-----------|-------|
| 11 | Apo-Atorvastatin | May 10 | 3,013,343 | *** |
| 12 | Teva-Rabeprazole | Nov 07 | 2,971,736 | 32.8 |
| 13 | Ativan | April 77 | 2,776,171 | 3.7 |
| 14 | Coversyl | Nov 94 | 2,768,329 | 17.4 |
| 15 | Celebrex | April 99 | 2,680,458 | 6.0 |
| 16 | Apo-Salvent CFC FR | Nov 02 | 2,576,384 | 149.9 |
| 17 | Sandoz-Bisoprolol | Aug 03 | 2,547,386 | 36.5 |
| 18 | Apo-Lorazepam | Nov 85 | 2,506,777 | -3.6 |
| 19 | Avapro | June 98 | 2,441,900 | 7.4 |
| 20 | Diovan | Nov 97 | 2,378,614 | 4.7 |
| 21 | Eltroxin | Jan 51 | 2,293,920 | 1.3 |
| 22 | Ratio-Lenoltec #3 | Nov 85 | 2,256,459 | 14.4 |
| 23 | Adalat XL | April 92 | 2,249,362 | -14.1 |
| 24 | Nasonex | Aug 98 | 2,222,529 | 3.6 |
| 25 | Ventolin HFA | Jan 02 | 2,207,676 | 810.0 |
| 26 | Ratio-Oxycocet | April 84 | 2,193,586 | 12.1 |
| 27 | Tylenol with Codeine #3 | Jan 71 | 2,161,009 | -12.6 |
| 28 | Flovent HFA | Feb 02 | 2,126,310 | -5.3 |
| 29 | Actonel | Nov 99 | 2,100,136 | -34.6 |
| 30 | Lyrica | June 05 | 2,097,911 | 25.0 |

| | | | | |
|----|--------------------------|----------|-----------|-------|
| 31 | Atacand | Dec 98 | 2,087,548 | 6.4 |
| 32 | Ratio-Metformin | June 01 | 2,083,565 | 6.4 |
| 33 | Taro-Warfarin | Oct 00 | 2,035,313 | 72.9 |
| 34 | Pro-AAS EC-80 | Nov 08 | 1,982,444 | 19.9 |
| 35 | Ran-Pantoprazole | March 08 | 1,918,935 | 16.3 |
| 36 | Teva-Metoprolol | March 86 | 1,901,351 | -10.9 |
| 37 | Cipralex | Feb 05 | 1,876,814 | 47.4 |
| 38 | Ezetrol | June 03 | 1,873,269 | 12.4 |
| 39 | Flomax CR | May 06 | 1,791,513 | -11.7 |
| 40 | Apo-Naproxen | Aug 82 | 1,763,582 | 5.8 |
| 41 | Apo-Prednisone | March 82 | 1,762,154 | -4.3 |
| 42 | Apo-Metformin | Sept 95 | 1,756,930 | -6.6 |
| 43 | Teva-Hydrochlorothiazide | Jan 70 | 1,728,062 | -20.7 |
| 44 | Coumadin | May 56 | 1,726,534 | 2.4 |
| 45 | Apo-Oxazepam | Sept 79 | 1,726,350 | -5.3 |
| 46 | Alesse | Jan 98 | 1,702,404 | -2.0 |
| 47 | Diovan HCT | May 00 | 1,695,248 | 5.8 |
| 48 | Apo-Metoprolol | Oct 84 | 1,689,495 | 4.4 |
| 49 | Spiriva | Jan 03 | 1,688,693 | 8.5 |
| 50 | Yasmin | Dec 04 | 1,666,051 | -8.2 |

* Estimated prescriptions dispensed in Canadian retail pharmacies (excludes hospitals; includes new and refills).

*** Denotes an unusually high % growth for recently-launched products.

Source: IMS Brogan, CompuScript.

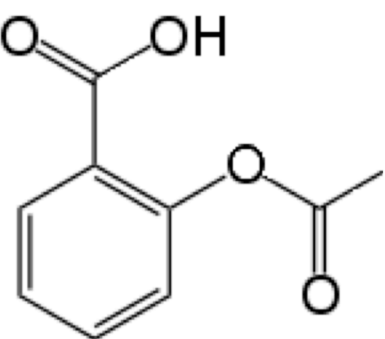
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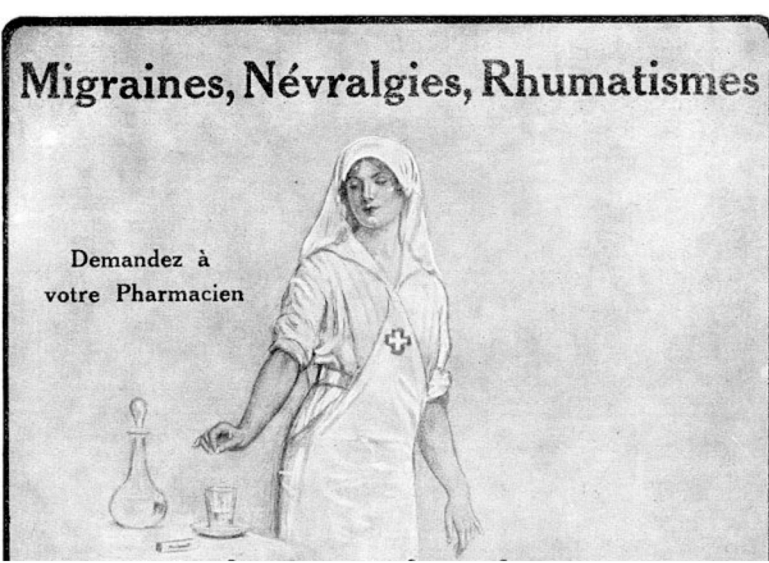


1763 *An Account of the Success of the Bark of the Willow in the Cure of Agues.*



1897

As part of war reparations specified in the 1919 Treaty of Versailles following Germany's surrender after World War I, it lost its status as a registered trademark in France, Russia, the UK, and the US, where it became a generic name. Today, it is a generic word in Australia, France, India, Ireland, New Zealand, ... , the UK and the US. With a capital "A", it remains a registered trademark of B---r in Germany, Canada, Mexico, and several other countries.



Diseases and Conditions Colon cancer

Prevention

By Mayo Clinic Staff

Colon cancer prevention for people with a high risk

- Some evidence links a reduced risk of polyps and colon cancer to regular use. However, studies of low-dose or short-term use of haven't found this to be true. It's likely that you may be able to reduce your risk of colon cancer by taking large doses of over a long period of time. But using in this way carries a risk of side effects, such as gastrointestinal bleeding and ulcers.

Diseases and Conditions Reye's syndrome

Definition

By Mayo Clinic Staff

Reye's (Ryes) syndrome is a rare but serious condition that causes swelling in the liver and brain. Reye's syndrome most often affects children and teenagers recovering from a viral infection, most commonly the flu or chickenpox.

Signs and symptoms such as confusion, seizures and loss of consciousness require emergency treatment. Early diagnosis and treatment of Reye's syndrome can save a child's life.

has been linked with Reye's syndrome, so use caution when giving to children or teenagers. Though is approved for use in children older than age 2, children and teenagers recovering from chickenpox or flu-like symptoms should never take. Talk to your doctor if you have concerns.

Diseases and Conditions Heart disease

Daily therapy: Understand the benefits and risks

Is an a day the right thing for you? It's not as easy a decision as it sounds. Know the benefits and risks before considering daily therapy.

By Mayo Clinic Staff

Daily therapy may lower your risk of heart attack, but daily therapy isn't for everyone. Is it right for you?

You should take a daily only if your doctor advises you to do so. If you have had a heart attack or stroke, your doctor will likely recommend you take a daily unless you have a serious allergy or history of bleeding. If you have a high risk of

The New England Journal of Medicine

JULY 20, 1989

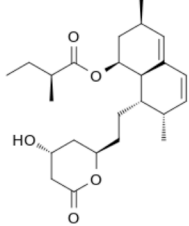
PHYSICIANS' HEALTH STUDY

The Physicians' Health Study is a randomized, double-blind, placebo-controlled trial designed to determine whether low-dose (325 mg every other day) decreases cardiovascular mortality

22,071 participants, average follow-up of 60.2 months.

There was a 44 percent reduction in the risk of myocardial infarction in the group

slightly increased risk of stroke among those taking



Derivation:

Synthetic:

Oyster mushrooms:

Red yeast rice:

Bacterium:

Aspergillus terreus: Sim*****n

Brand

Ator*****n Ceri*****n

Flu*****n Pita*****n

Rosu*****n

Lo*****n

Lo*****n Me*****n

Pra*****n

TRIALS

West of Scotland Coronary Prevention Study

Air Force/Texas Coronary Atherosclerosis Prevention Study

Primary Prevention of Cardiovascular Disease with Pra*****n in Japan

Anglo-Scandinavian Cardiac Outcomes Trial

Justification for the Use of S*****s in Prevention (JUPITER)

**Endo, Akira; et al (1976). ML-236A, ML-236B, and ML-236C,
New inhibitors of cholesterologenesis produced by Penicillium citrinium.
Journal of Antibiotics (Tokyo) 29 (12): 1346-8.**

**Muscle Damage
Diabetes**