

Drug sales in DDD

Row variables:

Geography
Drug group

Column variables:

Year

Filter variables:

Measure, DDD/1000 inhabitants/day

Year		1999	2000	2001	2002	2003	2004	2005	2006	2007
Geography	Drug group									
Nordland	Drugs used in Diabetes	26.3	27.8	30.0	32.4	33.6	36.8	40.7	43.3	46.7
	Insulin	15.8	16.2	17.3	17.9	18.2	18.5	19.4	19.7	20.7
	Blood glucose lowering drugs	10.5	11.6	12.7	14.5	15.4	18.2	21.4	23.6	26.1
	Cardiovascular disease, treatment/prevention	257.0	264.0	281.0	295.0	300.0	304.1	318.5	332.9	343.8
	Lipid modifying agents	49.7	60.3	71.9	87.6	104.6	112.5	135.1	152.5	176.9
	Hormone preparations for menopause	46.6	47.0	47.8	44.5	35.3	31.0	31.0	25.2	22.9
	Osteoporosis medicines	3.7	3.9	4.8	6.6	8.4	9.9	11.1	11.2	11.6
	Antibacterials for systemic use	18.0	17.1	17.8	17.9	17.6	17.6	19.1	20.3	20.2
	Painkillers	69.4	72.3	80.9	88.3	93.4	96.7	89.2	96.3	100.0
	Antiinflammatory	31.1	32.9	40.5	46.3	49.4	52.2	41.8	46.5	47.7
	Opioids	14.4	15.3	15.9	16.8	17.1	17.0	17.6	18.2	18.8
	Other painkillers	23.9	24.1	24.5	25.2	26.9	27.5	29.8	31.7	33.5
	Psycholeptics	81.6	90.5	97.3	101.8	106.1	108.7	111.6	114.6	119.5
	Antipsychotics	8.6	9.0	9.7	9.7	9.8	10.0	10.4	10.6	10.6
	Anxiolytics	14.8	15.7	16.3	16.7	16.5	17.2	17.6	17.6	18.0
	Hypnotics and sedatives	26.4	28.2	30.5	31.5	32.7	34.8	37.3	38.9	40.6
	Antidepressants	31.7	37.6	40.9	43.8	47.2	46.6	46.3	47.5	50.3
	Anti-dementia drugs	0.4	0.8	1.2	1.7	2.4	2.7	2.7	2.9	2.7
	Antiobesity preparations	-	1.0	0.9	1.1	1.9	2.5	2.5	2.5	3.1
	Asthma medicines	66.3	65.3	65.0	66.4	66.3	64.0	65.5	65.6	65.1
	Allergy treatment	32.2	34.4	37.0	44.1	46.7	46.7	49.7	52.1	53.7
	Allergy treatment for systemic use	46.0	47.8	49.5	58.7	60.5	59.8	63.4	65.4	67.3
	ADHD	0.6	0.7	1.0	1.2	2.0	2.9	4.1	5.1	6.1
	Migraine	2.2	2.3	2.6	2.9	2.9	2.9	3.1	3.2	3.4
	Impotence	0.3	0.4	0.5	0.7	0.8	1.0	1.0	1.2	1.3
	Drugs used in addictive disorders	-	-	-	-	-	-	-	-	-
	Nicotine dependence drugs	-	-	-	-	-	-	-	-	-
Alcohol dependence drugs	-	-	-	-	-	-	-	-	-	
Opioid dependence drugs	-	-	-	-	-	-	-	-	-	
Troms	Drugs used in Diabetes	23.3	24.3	27.8	30.9	33.0	36.2	38.9	41.3	44.1
	Insulin	13.8	13.5	15.1	16.0	16.6	17.5	18.2	18.1	19.0
	Blood glucose lowering drugs	9.5	10.8	12.7	15.0	16.4	18.7	20.7	23.3	25.1
	Cardiovascular disease, treatment/prevention	204.0	206.0	217.0	239.0	246.0	256.4	266.7	272.5	284.8
	Lipid modifying agents	38.0	46.6	56.4	68.4	78.5	86.2	102.5	115.3	133.9
	Hormone preparations for menopause	39.3	38.1	38.2	34.7	26.8	24.1	24.1	18.9	17.1
	Osteoporosis medicines	2.6	2.7	3.2	4.9	6.3	7.8	9.1	9.4	10.1
	Antibacterials for systemic use	16.7	15.9	16.2	17.1	17.1	17.5	18.1	19.6	19.5
	Painkillers	63.8	65.5	71.5	78.1	82.8	86.2	83.8	89.5	92.9
	Antiinflammatory	28.9	30.7	35.4	40.1	42.8	45.9	39.2	43.6	45.0
	Opioids	12.0	12.3	13.4	14.2	15.1	14.7	16.2	17.1	17.7
	Other painkillers	22.8	22.5	22.7	23.7	24.9	25.6	28.4	28.9	30.3
	Psycholeptics	64.4	67.8	72.5	79.5	84.6	88.3	92.0	93.5	96.0
	Antipsychotics	8.1	8.5	8.6	9.4	9.6	10.1	10.3	10.4	10.1
	Anxiolytics	13.7	13.7	14.2	15.3	15.9	16.5	17.4	17.4	17.5
	Hypnotics and sedatives	20.2	20.8	22.7	24.5	25.0	26.9	29.6	30.8	31.9
	Antidepressants	22.5	24.9	27.0	30.3	34.0	34.8	34.7	34.8	36.5
	Anti-dementia drugs	0.4	0.9	1.4	2.2	2.8	2.8	2.7	2.5	2.1
	Antiobesity preparations	-	1.1	1.0	1.2	1.8	2.2	2.3	2.2	2.6
	Asthma medicines	67.5	66.9	68.9	71.1	70.7	68.6	69.9	70.8	70.6
Allergy treatment	27.1	28.1	31.1	37.7	39.9	41.1	43.6	45.6	47.4	
Allergy treatment for systemic use	40.1	40.4	43.7	50.7	52.2	53.0	56.0	58.3	60.1	
ADHD	0.5	0.6	0.6	0.7	1.2	1.7	2.3	2.9	3.5	
Migraine	1.9	2.2	2.3	2.7	2.8	2.9	3.0	3.2	3.2	

	Impotence	0.4	0.5	0.6	0.8	1.1	1.2	1.2	1.4	1.5
	Drugs used in addictive disorders	-	-	-	-	-	-	-	-	-
	Nicotine dependence drugs	-	-	-	-	-	-	-	-	-
	Alcohol dependence drugs	-	-	-	-	-	-	-	-	-
	Opioid dependence drugs	-	-	-	-	-	-	-	-	-
	Drugs used in Diabetes	23.0	25.0	27.3	31.4	32.5	36.1	38.5	40.8	44.5
	Insulin	13.1	13.3	13.6	15.1	15.3	15.9	16.2	16.5	17.4
	Blood glucose lowering drugs	9.9	11.7	13.7	16.3	17.3	20.1	22.3	24.3	27.0
	Cardiovascular disease, treatment/prevention	208.0	216.0	225.0	246.0	253.0	259.3	272.0	283.7	302.7
	Lipid modifying agents	49.1	60.5	71.7	89.3	98.9	102.3	119.3	136.0	160.8
	Hormone preparations for menopause	35.4	35.5	35.9	35.0	27.2	24.0	24.0	19.4	18.2
	Osteoporosis medicines	2.1	2.2	2.6	3.7	6.1	4.7	5.4	5.9	6.1
	Antibacterials for systemic use	16.3	15.2	15.5	16.3	15.9	16.6	17.7	17.7	18.8
	Painkillers	63.2	66.2	72.4	79.3	84.9	89.3	84.9	90.9	96.0
	Antiinflammatory	28.6	30.7	35.7	39.3	43.0	46.7	38.5	41.8	43.9
	Opioids	12.4	13.2	14.0	15.5	16.2	15.9	17.4	19.7	20.5
	Other painkillers	22.2	22.3	22.8	24.5	25.7	26.7	29.0	29.4	31.6
	Psycholeptics	58.5	61.8	65.0	69.2	74.3	78.4	84.1	86.8	92.7
	Antipsychotics	8.4	8.6	8.4	8.8	9.5	9.8	10.6	10.9	11.1
Finnmark	Anxiolytics	12.0	12.6	12.7	13.7	14.8	16.3	18.1	18.3	17.9
	Hypnotics and sedatives	16.5	17.1	18.4	19.6	20.4	22.0	24.9	26.7	28.1
	Antidepressants	21.6	23.5	25.5	27.0	29.7	30.3	30.5	30.9	35.6
	Anti-dementia drugs	0.3	0.5	0.8	1.4	1.9	2.4	2.2	2.3	2.3
	Antiobesity preparations	-	1.0	1.3	1.5	1.8	2.3	2.3	2.4	2.5
	Asthma medicines	63.9	64.3	64.8	68.1	68.2	69.8	71.7	73.4	74.3
	Allergy treatment	25.5	27.8	31.2	36.9	39.6	41.9	44.4	48.1	48.9
	Allergy treatment for systemic use	37.4	39.9	42.9	49.9	51.7	54.1	57.6	61.8	62.9
	ADHD	0.7	1.0	1.3	1.5	1.9	3.2	4.3	4.7	5.4
	Migraine	1.9	2.1	2.3	2.4	2.5	2.6	2.7	2.9	2.9
	Impotence	0.3	0.4	0.5	0.6	0.8	1.0	1.1	1.2	1.4
	Drugs used in addictive disorders	-	-	-	-	-	-	-	-	-
	Nicotine dependence drugs	-	-	-	-	-	-	-	-	-
	Alcohol dependence drugs	-	-	-	-	-	-	-	-	-
	Opioid dependence drugs	-	-	-	-	-	-	-	-	-

Description

Description: Selected drug sales measured in DDD per 1000 inhabitants per day. Sales from wholesalers to pharmacies, hospitals and supermarkets in Norway.

Defined Daily Dose (DDD) is the assumed average maintenance dose per day for a drug used for its main indication in adults. Daily doses are determined on the basis of an evaluation of international usage, although therapy traditions may differ between countries (i.e. when use is deemed necessary and dosage levels). The defined daily dose (DDD) must therefore be regarded as a technical value, which is as close as possible to the actual average dosage. When evaluating drug sales figures, it must be taken into consideration that DDD is not necessarily the most commonly prescribed or taken dose.

The following groups of drugs are included (ATC classification in parentheses):

- Drugs used in diabetes (A10A, A10B)
 - Insulin (A10A)
 - Oral blood glucose lowering drugs (A10B)
- Drugs for the treatment/prevention of cardiovascular disease (C02, C03, C07, C08, C09)
 - Antihypertensives (C02)
 - Diuretics (C03)
 - Beta blocking agents (C07)
 - Calcium channel blockers (C08)
 - Agents acting on the renin-angiotensin system (C09)
- Lipid modifying agents (C10)
- Hormone preparations for menopause, including estrogens (G03C), Tibolone (G03DC05) and progestogens and estrogens in combination (G03F).
- Osteoporosis drugs, including Alendronic acid (M05BA04), Risedronic acid (M05BA07), Bisphosphonates, combinations (M05BB), Raloxifene (G03XC01) and Teriparatide (H05AA).
- Antibacterials for systemic use (J01)
- Painkillers (M01A, N02A, N02B)
 - Antiinflammatory products and NSAIDS (M01A)
 - Opioids (N02A)
 - Other analgesics (N02B)
- Psycholeptics (N05A, N05B, N05C, N06A)
 - Antipsychotics (N05A)
 - Anxiolytics (N05B)
 - Hypnotics and sedatives (N05C)
 - Antidepressants (N06A)
- Anti-dementia drugs (N06D)

- Antiobesity preparations (A08)
- Drugs for obstructive airway diseases (Asthma, Chronic Obstructive Pulmonary Disorder) (R03)
- Antihistamines (allergy treatment) for systemic use (R06A, R01AC, R01AD, R01B, S01G)
- ADHD drugs (N06BA01, N06BA02, N06BA04, N06BA09)
- Antimigraine preparations (N02C)
- Impotence drugs (G04BE)
- Drugs used in addictive disorders (N07B)
 - nicotine dependence drugs (N07BA)
 - alcohol dependence drugs (N07BB)
 - opioid dependence drugs (N07BC)

In the Anatomical Therapeutic Chemical (ATC) classification system, the drugs are divided into different groups according to the organ or system on which they act and their chemical, pharmacological and therapeutic properties. Drugs are classified in groups at five different levels - main groups, e.g. cardiovascular system (1st level), pharmacological/therapeutic subgroup (2nd level), chemical/pharmacological/therapeutic subgroups (3rd and 4th levels) and chemical substance (5th level). The 2nd, 3rd and 4th levels are often used to identify pharmacological subgroups when that is considered more appropriate than therapeutic or chemical subgroups.

Notes: This time series won't be updated as it will be replaced by figures from the Norwegian Prescription Database on number of users of prescription medicine. See the indicator "Users of prescription drugs" in the left hand margin. For updates sales figures in DDD, select "Links" on the far right and then "Drug Consumption in Norway".

Data Source/Origin of data

Source: Norwegian Institute of Public Health, Department of Pharmacoepidemiology

Collection: All drug sales in Norway from wholesalers are reported to the Department of Pharmacoepidemiology at the Norwegian Institute of Public Health. The figures include drug sales to pharmacies, hospitals and supermarkets.

Data quality: The data quality is very good. The main limitation of the data is that not all of the drugs sold are necessarily used. Sales to primary health care providers (e.g. general practitioners) and health institutions (e.g. hospitals and nursing homes) are not reported separately to individual sales.

Divided by

Time periods: 1999-2007. This time series won't be updated (see comment in the description).

Geographical level: Country, counties

Gender: Both genders

Age groups: All ages

Frequency of updates: Annual

Last updated: 6/3/08

Keyword

- Medicine
- medication
- drug
- drugs
- pills
- pharmaceuticals
- diabetes
- obesity
- psycholeptics
- sedatives
- estrogen
- emergency birth control
- birth control
- penicillin
- insulin
- osteoporosis
- anxiolytics
- cholesterol
- prescription
- opioid
- narcotics
- nicotine
- dementia
- alcohol
- antipsychotics
- morning after pill
- diuretics
- blood sugar
- antidepressives
- prevention