

## Users of prescription drugs (NHC) – users per 1000 inhabitants, age standardised

Year		2015	2016	2017	2018	2019	2020	2021				
Geography	Drug group	Age	Gender									
Nordland	Total all drug groups	0-74 yrs	both genders	664	664	667	669	677	662	676		
			men	595	596	599	599	609	591	606		
			women	738	737	741	744	750	738	751		
		0-44 yrs	both genders	575	576	579	582	594	574	590		
			men	492	492	498	498	512	488	506		
			women	664	666	669	674	683	668	682		
		0-17 yrs	both genders	420	421	425	424	449	414	437		
			men	411	408	416	415	435	402	423		
			women	430	434	435	435	463	427	452		
		18-24 yrs	both genders	674	672	678	690	688	671	682		
			men	488	480	491	499	514	484	504		
			women	880	886	889	903	882	877	880		
		25-44 yrs	both genders	667	669	672	674	680	672	684		
			men	560	565	567	566	574	560	574		
			women	782	780	786	791	795	794	804		
		45-74 yrs	both genders	820	819	821	821	822	815	826		
			men	775	778	777	776	778	772	782		
			women	868	863	867	867	867	860	871		
		0-79 yrs	both genders	672	672	675	676	684	670	683		
			men	604	606	609	609	618	601	616		
			women	744	743	746	749	755	744	756		
		18-79 yrs	both genders	749	749	752	754	756	748	759		
			men	663	666	668	668	674	662	675		
			women	840	838	842	846	845	841	850		
			Diabetes drugs (A10)	0-74 yrs	both genders	28	28	29	30	31	32	37

	men	32	33	34	36	36	37	41	
	women	23	24	24	25	25	27	34	
0-44 yrs	both genders	10	10	10	10	10	11	15	
	men	10	10	10	10	10	11	12	
	women	9	10	10	11	10	12	17	
0-17 yrs	both genders	3	3	3	3	3	3	3	
	men	3	3	3	4	4	4	4	
	women	2	2	2	2	2	3	2	
18-24 yrs	both genders	8	9	8	8	8	8	11	
	men	8	8	8	8	8	8	10	
	women	7	9	8	8	7	8	12	
25-44 yrs	both genders	16	16	17	17	17	19	25	
	men	17	16	17	17	16	17	19	
	women	16	17	18	18	18	21	31	
45-74 yrs	both genders	59	61	63	65	66	69	78	
	men	71	74	77	80	82	84	91	
	women	46	48	49	50	50	54	64	
0-79 yrs	both genders	30	31	32	33	33	35	40	
	men	35	36	37	38	39	41	44	
	women	25	26	26	27	27	29	36	
18-79 yrs	both genders	38	39	41	42	42	45	51	
	men	44	46	48	49	50	52	56	
	women	32	33	34	34	34	37	46	
Insulins and analogues (A10A)	0-74 yrs	both genders	11	11	11	11	11	12	12
		men	13	13	13	14	14	14	14
		women	9	9	9	9	9	9	9
	0-44 yrs	both genders	6	6	6	6	6	6	7
		men	7	7	7	7	7	7	8
		women	5	5	5	5	5	5	5
	0-17 yrs	both genders	3	3	3	3	3	3	3

	men	3	3	3	4	4	4	4	
	women	2	2	2	2	2	2	2	
18-24 yrs	both genders	6	6	6	7	6	6	7	
	men	7	7	7	8	8	8	9	
	women	5	6	5	6	5	5	5	
25-44 yrs	both genders	9	8	8	9	9	9	9	
	men	10	10	10	10	10	10	10	
	women	8	7	7	8	8	8	8	
45-74 yrs	both genders	19	20	20	20	21	21	21	
	men	23	24	25	25	26	25	26	
	women	15	15	16	15	15	16	16	
0-79 yrs	both genders	12	12	12	12	12	12	13	
	men	14	14	14	15	15	15	15	
	women	9	9	9	9	9	10	10	
18-79 yrs	both genders	14	14	15	15	15	15	15	
	men	17	17	18	18	18	18	19	
	women	12	12	12	12	12	12	12	
Cardiovascular disease, treatment/prevention (C)	0-74 yrs	both genders	165	165	163	162	161	159	163
		men	169	171	170	169	168	167	170
		women	160	159	155	154	153	151	156
0-44 yrs	both genders	40	40	38	39	39	39	41	
	men	36	37	36	36	36	35	37	
	women	44	44	41	42	43	43	46	
0-17 yrs	both genders	11	12	12	13	14	13	15	
	men	12	13	13	14	15	13	15	
	women	11	11	11	12	13	12	14	
18-24 yrs	both genders	23	24	22	23	24	26	27	
	men	18	16	17	17	18	17	18	
	women	28	33	28	29	31	36	37	
25-44 yrs	both genders	69	69	65	65	65	64	68	

Cardiovascular disease, treatment/prevention, except lipid modifying agents (C except C10)

	men	63	64	61	61	60	59	61
	women	75	75	69	70	71	70	76
45-74 yrs	both genders	384	383	380	378	373	371	377
	men	403	405	405	402	400	399	405
	women	365	360	354	352	346	341	348
0-79 yrs	both genders	181	181	178	178	177	175	179
	men	185	187	186	185	184	184	187
	women	176	175	171	170	169	167	172
18-79 yrs	both genders	233	232	229	228	227	225	230
	men	239	240	239	238	236	236	239
	women	227	225	219	219	216	215	220
0-74 yrs	both genders	142	143	140	139	138	137	139
	men	146	147	146	145	144	142	145
	women	139	138	133	133	132	130	133
0-44 yrs	both genders	36	36	34	35	35	35	37
	men	31	32	31	31	32	30	32
	women	41	41	38	39	40	40	42
0-17 yrs	both genders	11	12	12	13	14	12	14
	men	11	13	13	14	15	13	15
	women	11	10	11	11	13	12	14
18-24 yrs	both genders	22	23	20	21	22	24	25
	men	17	15	15	15	16	15	16
	women	27	31	26	27	29	33	34
25-44 yrs	both genders	61	61	57	57	58	57	60
	men	53	54	51	51	51	49	51
	women	70	69	64	65	65	65	69
45-74 yrs	both genders	329	329	325	322	318	315	318
	men	348	349	348	344	342	340	342
	women	310	308	300	299	293	290	293
0-79 yrs	both genders	157	157	154	154	153	151	154

		men	161	162	161	160	159	158	160
		women	153	152	147	148	146	145	148
	18-79 yrs	both genders	202	202	198	197	195	194	197
		men	207	208	206	205	204	202	204
		women	197	195	189	189	187	186	189
Lipid modifying agents (C10)	0-74 yrs	both genders	75	74	75	73	72	71	74
		men	87	87	87	86	85	85	88
		women	63	61	61	60	58	57	59
	0-44 yrs	both genders	7	7	7	7	6	6	7
		men	9	9	9	9	8	8	9
		women	4	4	5	4	5	5	5
	0-17 yrs	both genders	0	0	0	0	0	0	0
		men	:	:	:	:	:	:	:
		women	:	:	:	:	:	:	:
	18-24 yrs	both genders	1	2	2	2	2	2	2
		men	1	1	2	2	2	2	2
		women	2	2	3	2	2	2	2
	25-44 yrs	both genders	14	14	14	13	13	13	14
		men	19	19	18	18	17	16	18
		women	9	9	9	9	9	8	10
	45-74 yrs	both genders	196	193	193	191	186	185	192
		men	224	223	224	222	220	221	228
		women	166	161	161	158	151	149	154
	0-79 yrs	both genders	85	84	85	84	82	82	85
		men	98	97	98	97	96	96	100
		women	73	71	71	70	67	66	69
18-79 yrs	both genders	112	110	111	109	107	107	110	
	men	128	127	128	127	125	126	131	
	women	95	92	93	91	88	86	90	
Painkillers (analgetics) (M01A, N02A, N02B)	0-74 yrs	both genders	221	222	224	223	226	226	233

	men	193	193	193	192	194	191	198	
	women	250	254	258	257	260	262	271	
0-44 yrs	both genders	147	149	151	149	151	147	154	
	men	127	126	126	124	127	120	126	
	women	168	173	177	176	177	177	185	
0-17 yrs	both genders	25	27	27	27	29	24	26	
	men	19	21	21	22	24	19	20	
	women	30	33	33	32	34	30	32	
18-24 yrs	both genders	154	151	158	156	155	147	160	
	men	125	113	119	115	120	108	116	
	women	185	194	202	202	195	191	209	
25-44 yrs	both genders	244	247	249	246	249	248	257	
	men	216	216	215	211	213	206	215	
	women	274	279	287	284	288	293	302	
45-74 yrs	both genders	351	352	353	354	357	363	372	
	men	309	310	309	310	311	317	323	
	women	395	396	399	399	404	410	423	
0-79 yrs	both genders	226	227	229	228	230	230	238	
	men	197	196	196	195	197	195	201	
	women	255	259	263	262	264	267	276	
18-79 yrs	both genders	287	288	290	289	292	293	303	
	men	252	250	250	249	251	249	257	
	women	324	329	333	332	335	339	351	
Antiinflammatory and antirheumatic products, non-steroids (M01A)	0-74 yrs	both genders	162	160	161	157	159	158	163
		men	142	138	138	135	137	134	139
		women	183	183	185	181	182	183	189
	0-44 yrs	both genders	111	112	113	111	113	109	114
		men	97	95	95	92	96	89	94
		women	126	130	133	131	132	131	136
	0-17 yrs	both genders	20	22	21	21	23	19	21

	men	14	15	16	17	19	14	16	
	women	25	28	27	26	28	24	26	
18-24 yrs	both genders	117	115	119	116	119	112	121	
	men	96	85	87	84	90	79	88	
	women	139	148	155	153	153	148	158	
25-44 yrs	both genders	185	184	186	182	184	182	188	
	men	166	162	161	157	160	154	160	
	women	204	207	213	208	210	213	219	
45-74 yrs	both genders	250	244	244	239	238	243	249	
	men	220	215	215	210	208	213	219	
	women	281	275	275	269	270	274	281	
0-79 yrs	both genders	163	161	161	158	159	158	163	
	men	142	139	139	136	137	134	139	
	women	184	184	185	181	182	183	189	
18-79 yrs	both genders	206	203	204	200	200	201	207	
	men	182	177	176	172	173	171	177	
	women	232	231	234	229	230	232	238	
Painkillers, Opioids (N02A)	0-74 yrs	both genders	94	95	94	92	90	87	89
		men	84	84	83	81	80	78	79
		women	105	106	106	103	101	97	101
0-44 yrs	both genders	62	63	63	61	60	57	59	
	men	54	54	53	52	51	48	50	
	women	70	73	73	72	69	66	69	
0-17 yrs	both genders	5	5	5	5	5	4	4	
	men	4	4	4	3	4	4	4	
	women	6	6	6	6	5	5	5	
18-24 yrs	both genders	65	62	66	62	60	56	59	
	men	53	46	51	46	47	41	41	
	women	77	80	83	80	74	72	78	
25-44 yrs	both genders	107	110	109	107	104	100	104	

Painkillers, other (N02B)

	men	94	96	94	93	90	86	91
	women	121	125	125	122	119	115	118
45-74 yrs	both genders	150	151	149	146	144	141	143
	men	136	138	135	134	130	130	128
	women	164	165	163	159	157	152	157
0-79 yrs	both genders	96	98	96	94	92	89	91
	men	86	86	85	83	82	79	80
	women	107	110	109	106	103	100	103
18-79 yrs	both genders	124	126	125	122	119	115	118
	men	111	111	110	108	105	103	104
	women	138	141	140	136	134	129	134
0-74 yrs	both genders	73	78	85	92	100	107	113
	men	56	59	65	70	76	81	86
	women	91	97	107	116	126	135	143
0-44 yrs	both genders	41	44	49	53	57	60	65
	men	31	33	36	38	41	44	47
	women	51	56	62	69	74	79	85
0-17 yrs	both genders	6	6	7	8	9	8	9
	men	5	6	6	8	8	7	7
	women	6	7	8	9	11	10	10
18-24 yrs	both genders	35	37	43	46	51	53	59
	men	25	24	31	30	35	34	37
	women	45	53	57	63	68	74	83
25-44 yrs	both genders	71	77	84	92	98	105	114
	men	54	58	62	66	70	77	83
	women	89	97	108	119	128	136	147
45-74 yrs	both genders	130	138	150	161	176	188	198
	men	99	106	115	125	137	146	154
	women	162	171	187	199	217	233	243
0-79 yrs	both genders	76	82	89	96	104	111	117

		men	58	62	67	73	79	84	89
		women	95	102	112	121	131	139	147
	18-79 yrs	both genders	98	105	114	123	133	142	151
		men	74	79	86	92	100	107	114
		women	123	132	144	155	167	179	189
Antimigraine preparations (N02C)	0-74 yrs	both genders	22	23	24	25	26	27	29
		men	9	9	10	10	10	11	11
		women	36	37	39	41	43	45	49
	0-44 yrs	both genders	19	19	21	22	24	25	27
		men	8	8	9	9	9	10	10
		women	31	32	34	36	39	42	46
	0-17 yrs	both genders	6	5	6	6	7	7	8
		men	5	4	4	5	5	4	5
		women	7	7	8	9	9	10	11
	18-24 yrs	both genders	20	21	25	27	29	31	33
		men	8	8	9	11	9	11	11
		women	33	36	44	46	50	54	59
	25-44 yrs	both genders	29	30	31	33	35	38	41
		men	11	12	12	12	13	14	15
		women	49	50	52	56	59	63	69
	45-74 yrs	both genders	27	28	28	30	31	32	33
		men	10	11	12	12	12	12	13
		women	44	46	46	48	50	52	54
	0-79 yrs	both genders	21	22	23	24	26	27	29
		men	9	9	9	10	10	10	11
		women	35	36	38	40	42	44	48
18-79 yrs	both genders	26	27	28	30	31	33	35	
	men	10	11	11	11	12	12	13	
	women	43	45	47	49	52	55	59	
Drugs for mental disorders, incl. hypnotics (N05A, N05C, N05B, N06A)	0-74 yrs	both genders	67	67	67	69	72	74	77

	men	49	49	49	50	51	53	55	
	women	86	86	86	89	93	97	100	
0-44 yrs	both genders	46	47	47	49	52	55	57	
	men	36	37	36	37	38	40	41	
	women	57	58	60	63	67	72	75	
0-17 yrs	both genders	4	3	3	4	5	6	7	
	men	3	2	3	3	4	4	5	
	women	5	4	4	4	6	8	9	
18-24 yrs	both genders	48	48	51	53	57	62	63	
	men	33	31	29	34	39	41	41	
	women	64	67	75	75	76	86	88	
25-44 yrs	both genders	81	83	82	85	89	93	97	
	men	64	66	66	65	66	69	71	
	women	98	100	100	106	114	119	125	
45-74 yrs	both genders	103	103	102	103	105	108	111	
	men	71	72	72	72	74	76	78	
	women	135	135	133	135	138	141	145	
0-79 yrs	both genders	68	69	69	70	73	75	78	
	men	50	50	50	51	52	54	55	
	women	88	88	89	91	95	98	102	
18-79 yrs	both genders	88	89	89	90	94	97	100	
	men	64	65	65	65	67	69	71	
	women	113	114	115	117	122	126	130	
Antipsychotics (N05A)	0-74 yrs	both genders	17	17	17	18	19	19	20
		men	16	16	17	17	17	18	19
		women	18	18	18	19	20	20	21
	0-44 yrs	both genders	12	13	13	14	15	15	16
		men	13	13	13	13	14	15	15
		women	12	13	13	14	15	16	17
	0-17 yrs	both genders	1	1	1	1	2	2	3

	men	1	1	1	1	2	2	3	
	women	1	1	1	1	2	2	3	
18-24 yrs	both genders	13	14	13	14	16	18	19	
	men	12	13	11	12	13	15	16	
	women	14	15	16	16	19	21	22	
25-44 yrs	both genders	22	23	23	24	25	25	26	
	men	23	23	24	24	25	25	26	
	women	20	22	21	24	25	25	26	
45-74 yrs	both genders	25	25	25	25	26	26	27	
	men	22	22	22	22	23	23	24	
	women	28	28	28	28	29	28	29	
0-79 yrs	both genders	17	18	18	18	19	19	20	
	men	17	17	17	17	17	18	19	
	women	18	19	19	20	20	20	21	
18-79 yrs	both genders	22	23	23	23	24	24	25	
	men	21	21	21	21	22	23	24	
	women	23	24	24	25	26	26	27	
Antidepressants (N06A)	0-74 yrs	both genders	57	57	57	58	61	63	65
		men	39	39	39	39	41	42	43
		women	76	76	77	78	82	85	89
0-44 yrs	both genders	39	40	40	41	44	46	48	
	men	28	29	28	28	30	31	31	
	women	51	52	53	55	59	63	66	
0-17 yrs	both genders	3	3	3	3	4	4	5	
	men	2	2	2	2	3	3	3	
	women	4	4	3	3	5	6	7	
18-24 yrs	both genders	41	40	44	45	48	52	53	
	men	26	23	23	26	31	32	31	
	women	58	60	68	66	67	74	77	
25-44 yrs	both genders	68	70	70	71	76	79	82	

Hypnotics, sedatives and anxiolytics (N05C, N05B)

	men	50	52	51	50	52	54	55
	women	86	88	89	94	101	106	111
45-74 yrs	both genders	88	88	87	88	90	93	95
	men	58	59	58	58	59	61	63
	women	121	120	118	119	123	125	128
0-79 yrs	both genders	58	59	59	60	62	64	66
	men	39	40	40	40	41	43	44
	women	78	78	79	80	84	87	90
18-79 yrs	both genders	75	76	76	77	80	83	85
	men	51	52	51	52	53	55	56
	women	101	101	102	104	108	111	116
0-74 yrs	both genders	91	90	91	91	92	93	93
	men	68	69	70	69	71	72	72
	women	114	113	114	114	115	115	115
0-44 yrs	both genders	50	51	53	56	58	59	60
	men	43	43	46	47	50	51	52
	women	58	59	62	65	66	69	70
0-17 yrs	both genders	15	15	17	18	22	24	27
	men	16	15	18	19	23	25	28
	women	13	14	16	17	20	22	26
18-24 yrs	both genders	45	49	54	58	60	60	63
	men	34	35	39	44	48	47	47
	women	58	64	70	73	74	75	80
25-44 yrs	both genders	80	81	83	85	86	88	87
	men	68	68	70	71	72	72	72
	women	94	94	96	100	102	105	103
45-74 yrs	both genders	162	159	157	154	153	152	151
	men	113	114	112	109	109	109	109
	women	212	206	205	202	200	196	195
0-79 yrs	both genders	96	95	96	96	96	97	97

		men	72	72	73	73	74	74	75
		women	120	119	120	120	120	120	121
	18-79 yrs	both genders	120	119	120	120	119	119	119
		men	89	89	89	89	89	89	90
		women	153	151	151	152	151	150	150
Hypnotics, addictive (N05C excl. N05CH01 and N05CD08)	0-74 yrs	both genders	54	53	52	51	50	49	47
		men	38	38	37	36	36	35	34
		women	70	69	67	66	65	64	61
	0-44 yrs	both genders	22	22	22	22	22	22	21
		men	18	18	18	18	18	18	17
		women	27	27	26	27	27	27	25
	0-17 yrs	both genders	1	1	1	1	1	1	1
		men	1	1	1	1	1	1	0
		women	1	1	1	1	1	1	1
	18-24 yrs	both genders	16	16	16	17	17	16	16
		men	12	11	11	13	13	12	12
		women	21	22	23	22	21	20	22
	25-44 yrs	both genders	42	42	41	41	41	42	39
		men	34	34	34	33	33	34	32
		women	50	50	48	49	49	50	46
	45-74 yrs	both genders	108	106	103	101	99	97	94
		men	74	73	71	68	67	66	65
		women	145	142	138	136	131	128	124
	0-79 yrs	both genders	58	57	55	54	53	52	51
		men	41	40	40	38	38	37	37
		women	75	74	72	71	69	68	65
18-79 yrs	both genders	75	74	72	71	70	68	66	
	men	54	52	52	50	50	49	48	
	women	97	96	93	92	90	89	85	
ADHD drugs (Attention Deficit Hyperactivity Disorder) (C02AC02 and N06BA except N06BA07)	0-74 yrs	both genders	12	13	13	13	14	16	18

	men	14	14	15	16	16	18	20
	women	10	11	11	11	12	13	15
0-44 yrs	both genders	17	18	18	19	20	21	24
	men	20	21	21	22	23	25	27
	women	14	15	15	15	16	18	20
0-17 yrs	both genders	20	20	20	20	20	20	22
	men	28	28	28	28	28	28	30
	women	12	11	11	12	12	12	14
18-24 yrs	both genders	20	22	22	22	23	25	29
	men	21	22	22	21	23	25	27
	women	19	21	22	22	23	26	30
25-44 yrs	both genders	13	15	16	17	18	20	23
	men	13	14	16	17	19	21	24
	women	13	16	16	16	18	20	23
45-74 yrs	both genders	3	3	4	4	5	6	7
	men	3	4	4	4	5	6	7
	women	3	3	4	4	5	5	6
0-79 yrs	both genders	:	:	:	13	14	15	17
	men	:	:	:	:	:	:	:
	women	:	:	:	:	:	:	:
18-79 yrs	both genders	:	:	:	11	12	14	15
	men	:	:	:	:	:	:	:
	women	:	:	:	:	:	:	:
Asthma and chronic obstructive pulmonary disease (COPD) drugs (R03 except R03CA)	both genders	77	79	80	81	83	81	83
	men	70	73	74	75	76	73	75
	women	84	85	87	88	90	89	91
0-74 yrs	both genders	64	65	65	66	67	64	68
	men	63	65	64	65	64	61	64
	women	66	66	66	68	70	68	72
0-17 yrs	both genders	80	78	78	77	77	68	76

	men	88	89	86	86	84	75	83	
	women	71	66	69	67	69	60	68	
18-24 yrs	both genders	51	53	52	56	56	56	57	
	men	43	44	45	45	44	44	43	
	women	60	64	61	69	69	70	73	
25-44 yrs	both genders	56	59	59	61	62	64	64	
	men	48	53	53	54	54	55	55	
	women	63	66	66	68	70	74	74	
45-74 yrs	both genders	100	102	107	108	111	110	109	
	men	83	87	92	95	97	95	94	
	women	117	118	122	123	127	126	125	
0-79 yrs	both genders	79	81	82	84	85	83	85	
	men	72	75	76	78	78	76	77	
	women	87	87	89	90	93	92	94	
18-79 yrs	both genders	79	82	84	86	88	88	88	
	men	67	71	73	75	76	76	75	
	women	91	94	95	97	100	101	101	
Antihistamines (allergy medicines) (R06A, R01AC, R01AD, R01B, S01G)	0-74 yrs	both genders	143	147	157	159	169	173	180
		men	118	122	129	130	139	143	148
		women	170	174	186	190	201	206	215
	0-44 yrs	both genders	132	137	147	147	159	162	170
		men	116	121	128	128	138	142	147
		women	148	153	166	169	181	184	195
	0-17 yrs	both genders	95	96	102	103	109	111	121
		men	103	105	109	109	117	120	127
		women	86	87	95	96	100	100	114
18-24 yrs	both genders	147	154	170	173	190	189	194	
	men	120	127	136	137	153	151	153	
	women	177	185	209	214	231	230	240	
25-44 yrs	both genders	157	164	175	175	189	195	201	

Antihistamines for systemic use (R06)

	men	126	132	141	139	151	156	161
	women	190	197	210	213	229	237	245
45-74 yrs	both genders	164	166	175	179	188	193	199
	men	121	123	131	133	140	144	148
	women	209	211	221	227	237	243	250
0-79 yrs	both genders	143	147	157	159	169	173	180
	men	118	122	129	130	139	142	147
	women	170	174	186	189	201	205	214
18-79 yrs	both genders	158	163	174	176	187	192	198
	men	122	127	135	136	145	149	153
	women	196	201	214	218	232	237	245
0-74 yrs	both genders	105	109	117	118	127	135	140
	men	85	89	95	95	102	109	112
	women	128	130	140	144	154	163	169
0-44 yrs	both genders	99	104	112	113	123	130	135
	men	88	93	99	99	108	114	118
	women	112	115	126	129	139	147	155
0-17 yrs	both genders	78	80	86	87	92	95	105
	men	86	88	93	93	99	104	111
	women	71	71	78	80	84	85	99
18-24 yrs	both genders	113	119	130	133	147	155	157
	men	93	101	106	106	120	123	124
	women	137	139	158	165	178	190	192
25-44 yrs	both genders	112	118	127	128	140	150	153
	men	88	94	102	101	111	119	121
	women	136	143	153	156	171	184	188
45-74 yrs	both genders	116	118	125	128	136	144	147
	men	78	81	87	87	93	99	101
	women	156	157	166	170	180	191	194
0-79 yrs	both genders	105	109	117	118	127	135	139

		men	84	88	94	94	102	108	111
		women	127	130	140	144	154	163	168
	18-79 yrs	both genders	114	117	126	128	138	147	149
		men	84	88	95	94	103	109	111
		women	145	148	159	163	175	187	190

### CellMark Legend

- .. Missing data
- . Not possible to calculate
- : Hidden value

### Description

Users of prescription drugs among 0-79 year olds. Users are defined as people who have been dispensed at least one prescription in the reporting period.

Four measures are available. Use the Measures menu to select:

1. number of users (shown on national level only due to privacy protection)
2. users per 1000 = number of users per 1000 inhabitants of same sex and age per year
3. users per 1000 age standardized = number of users per 1000 inhabitants of same sex and age per year, age standardised. Age standardisation of rates reduces the effect of differing age distributions when groups are compared over time and between geographical regions.
4. Ratio (Norway=100): The ratio between the standardized rate in the county and the national rate for a given year. A ratio of 130 means that the county rate is 30 % higher than the national rate. A ratio of 87 means that the county rate is 13 % lower than the national level.

In the Norwegian Prescription Database, every individual is registered with a pseudonymous serial number which makes it possible to link drug consumption to individuals without knowing who they are. Even if a person has dispensed a prescription for the same drug several times, they are only counted as a user once.

Drug consumption cannot be assumed to be synonymous with disease prevalence. The exception is the use of drugs to treat diabetes mellitus, which can be considered a good indicator for prevalence of diabetes. A lot of patients use multiple drugs, e.g. both anti-depressives and hypnotics, so will be included in both groups. It is therefore not possible to simply add the number of users in two groups of drugs to find out how many users there are in total.

Figures in Norhealth may vary slightly from the Norwegian Prescription Database because data may have been extracted from the main database at different times.

Drugs are classified according to the ATC system (see below).

The following groups of drugs are included \*:

All drugs in total

Diabetes drugs (A10)

- Insulins and analogues (A10A)

Cardiovascular disease, treatment/prevention (C)

- Cardiovascular disease, treatment/prevention, except Lipid modifying agents (C except C10)

- Lipid modifying agents (C10)

Painkillers (analgetics) (M01A, N02A, N02B)

- Antiinflammatory and antirheumatic products, non-steroids (M01A)

- Painkillers, Opioids (N02A)

- Painkillers, other (N02B)

- Antimigraine preparations (N02C)

Drugs for mental disorders (N05A, N06A)

- Antipsychotics (N05A)

- Antidepressants (N06A)

Hypnotics and anxiolytics (N05B, N05C)

- Hypnotics (N05C)

- Hypnotics, addictive (N05C excl. N05CH01 and N05CD08)

ADHD drugs (Attention Deficit Hyperactivity Disorder) (C02AC02 and N06BA except N06BA07)

Asthma and chronic obstructive pulmonary disease (COPD) drugs (R03 except R03CA)

Antihistamines (allergy medicines) (R06A, R01AC, R01AD, R01B, S01G)  
- Antihistamines for systemic use (R06A)

Prescriptions for antibiotics are presented in a separate, neighbouring table.

Data on Blood glucose lowering drugs, excluding insulins (A10B) are presented under Health and disease/ Disease groups/ Type 2 diabetes, indicators.

News, March 2019:

- New subgroup: Hypnotics, addictive - comprising all hypnotics except melatonin and midazolam.

- ADHD drugs now include guanfacin (C02AC02).

- Drugs against asthma and chronic obstructive pulmonary disease (COPD) now exclude R03CA. The former group "Asthma and COPD (R03)" has been discontinued.

Drugs are classified according to the ATC-system (Anatomic, Therapeutic, Chemical classification). By using this international classification system one can make statistics of drug consumption groups at 5 different levels, including from figures that show total use of all preparations classified under a main group (1st level, e.g. group C - Heart and circulation), figures for the different sub-groups (2nd, 3rd and 4th level) and down to figures that show use of each active ingredient.

Further information about the Norwegian Prescription Database can be found at [www.norpd.no](http://www.norpd.no).

See also Drug Consumption in Norway at [www.drugconsumption.no](http://www.drugconsumption.no).

\* Some of the drugs can be bought without a prescription, e.g. in small packages. Such use is not included in the statistics.

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### **Rationale for indicator**

For many diseases, we have insufficient data on prevalence. Drug use is not synonymous with disease prevalence, but can be an indicator for the prevalence of a disease.

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### **Source**

Norwegian Institute of Public Health, Department of Pharmacoepidemiology

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### **Collection**

The Norwegian Prescription Database contains information on all prescriptions dispensed from Norwegian pharmacies for both human and animal use. The register only contains information that directly or indirectly concerns prescriptions. Information about the patient and prescriber is pseudonymous.

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### **Interpretation and sources of error**

Purchases of over the counter drugs from a pharmacy or grocery store are not included. People over 80 years are excluded because there are varying proportions in each county who live at institutions where drugs are provided by the institution rather than via private prescriptions. Figures are also not presented for inappropriate combinations of age and drug groups, for example anti-dementia medicines for children.

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### **Data quality**

The data quality is very good.

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### **Statistical analysis**

Age standardization is done using direct standardization. The standard population is the sum of men and women in each age group in Norway per 1.January 2012.

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### **When numbers are missing**

Statistics based on fewer than five cases are hidden for privacy reasons. The same is done where the population segment from which the data are collected is less than ten.

If more than 20 per cent of the numbers in a time series are hidden for privacy reasons, the entire time series is concealed so as not to create a false impression of the situation in the county. Time series are also hidden where more than 50 per cent of the numbers in the time series are based on 6 or fewer cases.

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### **Time periods**

2005-2021

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### **Geographical level**

Country, health region, counties

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### **Gender**

Both genders, men, women

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### **Age groups**

0-74 years, 0-44 years (0-17, 18-24, 25-44), 45-74 years. Additionally, 0-79 years and 18-79 years.

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### **Frequency of updates**

Annually

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### **Last updated**

4/27/22

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### **Keywords**

Click on a keyword to search for similar indicators.

- Antibiotics
  - Antihypertensives
  - Antipsychotics
  - Anxiety
  - Asthma
  - Betablockers
  - Blood lipids
  - Blood pressure
  - Blood sugar
  - Calcium antagonists
  - Cholesterol
  - Contraceptives
  - Dementia
  - Diabetes
  - Drugs
  - Estrogen
  - Hypertension
  - Hypnotics
  - Insulin
  - Medicine
  - Menopause
  - Obesity
  - Prescription database
  - Sedatives
- 

### **Fact sheets**

Below are links to relevant fact sheets, articles and reports. These may describe trends over time in the Norwegian population or differences by sex, age group, geographical region or socioeconomic status:

- [Topic: Drug consumption](#)
- [Topic: Pain](#)
- [Facts on hypertension \(in Norwegian only\)](#)
- [Chronic Obstructive Pulmonary Disease \(COPD\) in Norway - Public Health Report](#)