

ATC-Class	Off-label use								In-label use		Total
	Indication		Age		Over-dosing		Under-dosing		n	%	n
	n	%	n	%	n	%	n	%			
Total	541	4.3	476	3.8%	583	4.6	2,202	17.4	8,865	70.0	12,667
A00 ALIMENTARY TRACT and METABOLISM	140	4.8	113	3.9%	86	2.9	654	22.4	1,933	66.1	2,926
A01 Stomatological preparations	47	2.8	80	4.7%	41	2.4	308	18.2	1215	71.9	1691
A03 Antispasmodic and anticholinergic agents and propulsives	6	4.7	3	2.4	8	6.3	18	14.2	92	72.4	127
A07 Antidiarrheals. Intestinal Antiinflammatory/Antiinfektive Agents	5	4.9	7	6.8	6	5.8	11	10.7	74	71.8	103
A11 Vitamins	35	5.1	10	1.4	18	2.6	218	31.5	411	59.4	692
A12 Mineral Supplements	42	22.5	4	2.1	6	3.2	84	44.9	51	27.3	187
A14 Anabolic Agents for Systemic Use	0	0	0	0	0	0	0	0	2	100	2
B00 BLOOD and BLOOD FORMING ORGANS	0	0	4	5.5	3	4.1	17	23.3	49	67.1	73
C00 CARDIOVASKULAR SYSTEM	3	5.2	11	19.0	3	5.2	22	37.9	19	32.8	58
C01 Cardic Therapy	0	0	0	0	0	0	3	30.0	7	70.0	10
C05 Vasoprotectives	1	4.0	0	0	1	4.0	17	68.0	6	24.0	25
C07 Beta Blocking Agents	1	10.0	7	70.0	0	0	1	10.0	1	10.0	10
D00 DERMATOLOGICALS	69	4.4	42	2.7	30	1.9	344	21.8	1,094	69.3	1579
D01 Antifungals for Dermatological Use	7	6.1	1	0.9	5	4.3	21	18.3	81	70.4	115
D02 Emollients and Protectives	4	1.6	4	1.6	4	1.6	29	11.9	203	83.2	244
D03 Preparations for Treatment of Wounds and Ulcers	17	5.3	2	0.6	0	0	3	0.9	297	93.1	319
D04 Antipruritics. incl. Antihistamines. Anesthetics etc.	1	0.6	1	0.6	1	0.6	46	28.6	112	69.6	161
D06 Antibiotics and Chemotherapeutics for Dermatological Use	10	11.6	1	1.2	2	2.3	49	57.0	24	27.9	86
D07 Corticosteroids. Dermatological Preparations	23	10.2	15	6.6	13	5.8	95	42.0	80	35.4	226
D10 Anti-Akne Preparations	2	1.8	0	0	1	0.9	28	25.5	79	71.8	110
D11 Other Dermatological Preparations	4	1.8	16	7.4	3	1.4	69	31.8	125	57.6	217
G00 GENITO URINARY SYSTEM and SEX HORMONES	52	10.5	2	0.4	4	0.8	8	1.6	431	86.7	497
G03 Sex Hormones and Modulators of the Genital System	48	10.6	1	0.2	3	0.7	2	0.4	398	88.1	452
H00 SYSTEMIC HORMONAL PREPARATIONS. excl. SEX HORMONES and INSULINS	6	2.0	0	0	7	2.4	29	9.8	253	85.8	2,,95
H03 Thyroid Therapy	1	0.4	0	0	5	2.0	28	11.4	212	86.2	246
J00 ANTIINFECTIVES for SYSTEMIC USE	25	6.7	5	1.3	21	5.6	71	19.0	252	67.4	374
J01 Antibiotics for Systemic Use	25	7.5	4	1.2	21	6.3	71	21.3	212	63.7	333

L00 ANTINEOPLASTIC and IMMUNOMODULATING AGENTS	8	9.4	7	8.2	5	5.9	24	28.2	41	48.2	85
L03 Immunostimulants	8	11.3	6	8.5	4	5.6	23	32.4	30	42.3	71
M00 MUSCULO-SKELETAL SYSTEM	11	2.0	31	5.6	8	1.5	47	8.5	454	82.4	551
M01 Antiinflammatory and Antirheumatic Products	2	0.8	16	6.4	6	2.4	26	10.4	200	80.0	250
M02 Topical Products for Joint and Muscular Pain	7	2.5	14	5.0	1	0.4	16	5.7	242	86.4	280
N00 NERVOUS SYSTEM	28	2.6	43	3.9	11	1.0	93	8.5	921	84.0	1,096
N02 Analgesics	11	1.4	30	3.9	5	0.6	66	8.5	664	85.6	776
N06 Psychoanaleptics	7	3.8	2	1.1	0	0.0	9	4.9	167	90.3	185
R00 RESPIRATORY SYSTEM	94	2.4	202	5.2	334	8.6	786	20.2	2477	63.6	3,893
R01 Nasal Preparations	13	1.3	55	5.5	18	1.8	60	6.1	845	85.3	991
R02 Throat Preparations	2	1.3	2	1.3	13	8.7	9	6.0	124	82.7	150
R03 Anti-Asthmatics	20	3.5	46	8.0	16	2.8	72	12.6	419	73.1	573
R04 Chest Ointments. Inhalatives	3	1.0	35	11.3	0	0.0	108	34.7	165	53.1	311
R05 Cough and Cold Preparations	42	2.6	54	3.3	278	16.9	476	28.9	797	48.4	1647
R06 Antihistamines for Systemic Use	13	6.1	10	4.7	9	4.2	60	28.3	120	56.6	212
S00 SENSORY ORGANS	20	10.0	2	1.0	10	5.0	60	30.0	108	54.0	200
S01 Ophthalmologicals	19	13.4	2	1.4	2	1.4	47	33.1	72	50.7	142
S02 Otologicals	1	1.9	0	0	7	13.5	11	21.2	33	63.5	52
V00 VARIOUS	5	2.3	1	0.5	6	2.8	23	10.6	183	83.9	218
V03 All Other Therapeutic Products	3	3.0	0	0	4	4.0	18	18.2	74	74.7	99
V06 General Nutrients	0	0	1	2.0	2	4.0	5	10.0	42	84.0	50
Z00 HOMOEOPATHICS	80	10.0	11	1.4	55	6.9	23	2.9	631	78.9	800