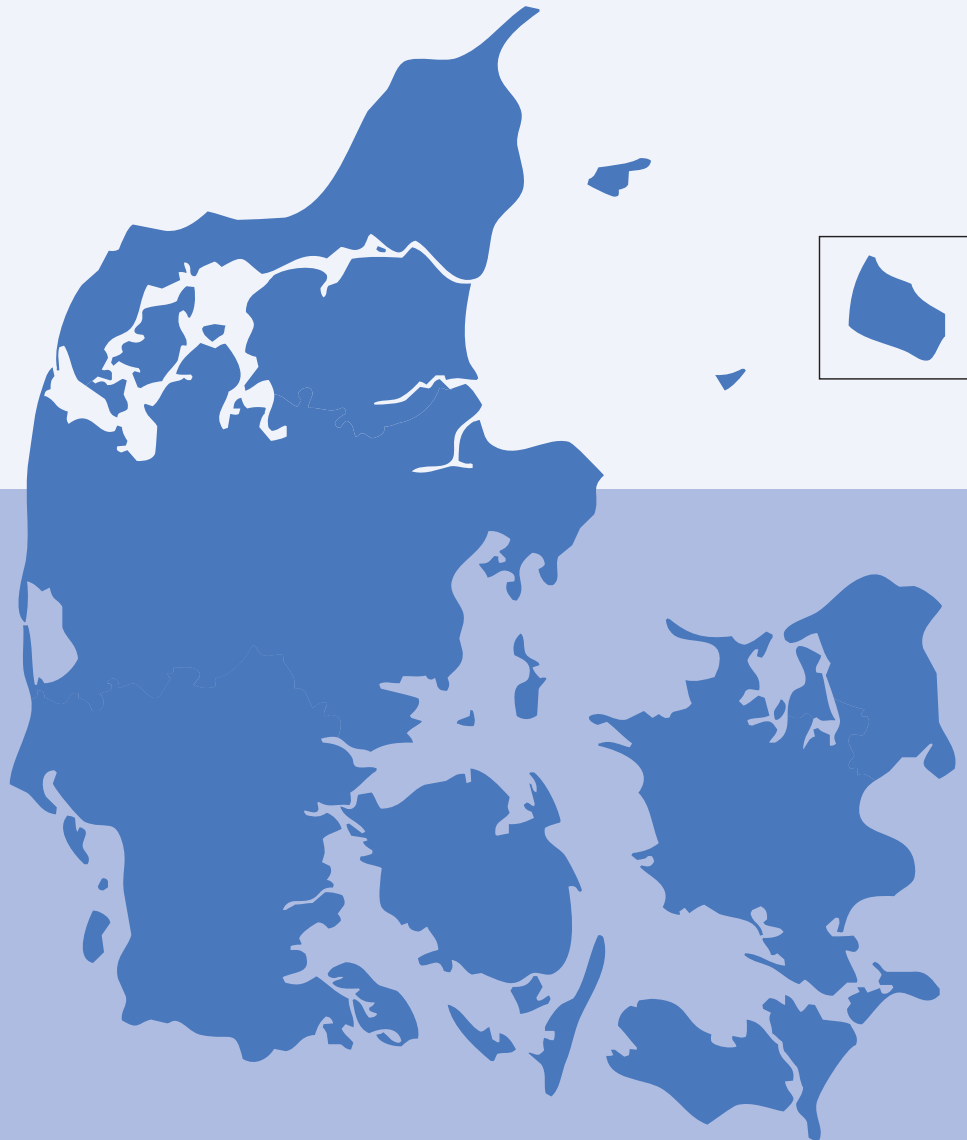


DADD description

DANMAP 2015



DANMAP 2015 - Use of antimicrobial agents and occurrence of antimicrobial resistance in bacteria from food animals, food and humans in Denmark



Statens Serum Institut
National Veterinary Institute, Technical University of Denmark
National Food Institute, Technical University of Denmark

Criteria for the definition of defined animal daily doses (DADD) in DANMAP 2015

The basic principles for the DADD are similar to the principles previously described for the ADD [DANMAP 2011, DANMAP 2012]. The DADD is based on the VetStat ADDs, but re-defined for each group of antimicrobial agents, adding adjustments for each combination of active compound, administration route, formulation, according to following principles:

1. A DADD group is defined for each antimicrobial agent by administration route and animal species, and when appropriate also age group;
2. Minor inconsistencies have been corrected e.g. due to rounding of numbers;
3. Approved dosage for the most widely used antimicrobial products were given priority above dosage for products that are rarely used;
4. Approved dosage for older products within the group were maintained as the common DADD even if a new product is approved with a higher dosage;
5. If the dosage for a group with large variation in approved dosages of the products, the dosages provided by “The Veterinary Formulary” [British Veterinary Association, 2005, 6th edition] were applied;
6. Dosages may vary within active compound and administration route, if different dosages have been approved for different age group/indication or formulation.

When principle 3 and 4 are conflicting, principle 5 is applied.

Tables listing the estimated DADDs for each active compound by administration route and pharmaceutical form are presented below for poultry, cattle and pigs.

DADD for pigs - DANMAP Defined Animal Daily Dose

DANMAP 2015

ATCvet code	Active compound	Administration route	Pharmaceutical form	DADD (mg/kg)
QA07AA01	Neomycin	Peroralt	soluble powder	14.0
			solution	85.0
QA07AA06	Paromomycin	Peroralt	soluble powder	22.8
QA07AA10	Colistin	Peroralt	soluble powder	3.3
			oral solution	3.3
QA07AA90	Dihydrostreptomycin	Peroralt	soluble tablet	25.0
QA07AA91	Gentamicinsulfat	Peroralt	oral powder	2.0
QA07AA92	Apramycin	Peroralt	premix	5.0
			soluble powder	10.0
			oral powder	5.0
QJ01BA90	Florfenicol	Parenteralt	injection	7.5
		Peroralt	solution	10.0
			oral solution	10.0
			oral powder	10.0
QJ01BA99	Florfenicol	Parenteralt	injection	7.5
QJ01CA01	Ampicillin	Parenteralt	injection	15.0
QJ01CA04	Amoxicillin	Parenteralt	injection	15.0
		Peroralt	premix	15.0
			soluble powder	17.5
			oral powder	15.0
QJ01CE01	Benzylpenicillinkalium	Parenteralt	injection	9.4
QJ01CE02	Phenoxymethylpenicillin	Peroralt	soluble powder	10.0
QJ01CE09	Benzylpenicillinprocain	Parenteralt	injection	15.0
QJ01CE90	Benzylpenicillin	Parenteralt	injection	8.9
QJ01CR02	Amoxicillin	Parenteralt	injection	7.0
		Peroralt	soluble powder	20.0
	Clavulansyre	Parenteralt	injection	1.8
		Peroralt	soluble powder	5.0
QJ01DD90	Ceftiofur	Parenteralt	injection	3.0
			injection-prolonged	1.0
QJ01DE90	Cefquinom	Parenteralt	injection	2.0
QJ01EW10	Sulfadiazin	Parenteralt	injection	13.3
		Peroralt	boli	25.0
			premix	25.0
			oral powder	25.0
	Trimethoprim	Parenteralt	injection	2.7
		Peroralt	boli	5.0
			premix	5.0
			oral powder	5.0
QJ01EW11	Sulfametoxazol	Peroralt	oral solution	21.0
	Trimethoprim	Peroralt	oral solution	4.2
QJ01EW13	Sulfadoxin	Parenteralt	injection	13.4
	Trimethoprim	Parenteralt	injection	2.7
QJ01EW14	Sulfatroxazol	Parenteralt	injection	13.4
	Trimethoprim	Parenteralt	injection	2.7
QJ01FA02	Spiramycin	Parenteralt	injection	10.0
QJ01FA90	Tylosin	Parenteralt	injection	6.6
		Peroralt	premix	4.0
			soluble powder	8.3
			oral powder	4.0

Continue next page.

DADD for pigs - DANMAP Defined Animal Daily Dose - continued

DANMAP 2015

ATCvet code	Active compound	Administration route	Pharmaceutical form	DADD (mg/kg)	
QJ01FA92	Acetylisovaleryltylosin	Peroralt	premix	4.3	
			oral solution	16.0	
			oral powder	16.0	
QJ01FA92	Acetylisovaleryltylosin	Peroralt	premix	4.3	
			soluble powder	5.0	
			oral powder	4.3	
QJ01FA94	Tulathromycin	Parenteralt	injection	0.5	
QJ01FA95	Gamithromycin	Parenteralt	injection	1.2	
QJ01FA96	Tildipirosin	Parenteralt	injection	0.8	
QJ01FF02	Lincomycin	Parenteralt	injection	10.0	
			Peroralt	premix	5.0
				soluble powder	10.0
QJ01FF52	Lincomycin	Parenteralt	injection	7.5	
			Peroralt	premix	2.5
		Spectinomycin	Parenteralt	soluble powder	3.3
	injection			15.0	
	Peroralt		premix	2.5	
	QJ01GB03	Gentamicin	Peroralt	soluble powder	6.7
solution				2.5	
QJ01MA90	Enrofloxacin	Parenteralt	injection	3.7	
			Peroralt	premix	3.8
		Peroralt		tablet	3.8
			mixture	3.8	
QJ01MA92	Danofloxacin	Parenteralt	injection	1.9	
QJ01MA93	Marbofloxacin	Parenteralt	injection	2.0	
QJ01RA01	Benzylpenicillinprocain	Parenteralt	injection	10.0	
			Parenteralt	Dihydrostreptomycin	10.0
QJ01RV01	Benzylpenicillinprocain	Parenteralt		injection	12.5
			Dihydrostreptomycin	injection	10.0
				injection	12.5
QJ01XQ01	Tiamulin	Parenteralt	injection	10.9	
			Peroralt	premix	5.0
				soluble powder	7.0
				oral solution	7.0
				oral powder	5.0
QJ01XQ02	Valnemulin	Peroralt	premix	3.5	
QJ01AA02	Doxycyclin	Peroralt	premix	12.5	
			soluble powder	12.5	
			oral solution	12.5	
			oral powder	12.5	
QJ01AA03	Chlortetracyclin	Peroralt	oral powder	20.0	
QJ01AA06	Oxytetracyclin	Parenteralt	injection	7.5	
			Peroralt	soluble powder	20.0
QP51AG04	Sulfaclozin	Peroralt	soluble powder	36.0	