

# Microchip Adverse Reaction Report

A total of 137 reports have now been received for the year ending December 2000. The breakdown is as follows:

Country	Numbers
U.K.	119
Denmark	12
Belgium	4
Portugal	1
Sweden	1
<b>Total</b>	<b>137</b>

Unfortunately the dog from Portugal failed under the PETS travel scheme and had to go into quarantine.

Year	Numbers
1997	11
1998	30
1999	37
2000	59

Manufacturer	Numbers
Animalcare	25
Avid	38
Bayer	39
PetID	2
Datamars	9
Indexel	3
Not specified	21

Unfortunately, it has not been possible to give relative reaction rates this time.

The distribution of the problems is as follows:

Problem	Total	1997	1998	1999	2000
Migration	92	9	25	29	29
Loss	29	0	1	4	24
Abscess	7	1	2	1	3
Failure	1	1	1	1	2
Swelling	3	0	1	2	0

The problems involving infection often involve a recent history of trauma such as a bite if the chip has been present for some time. Eighteen chips had to be removed and 9 animals were radiographed. It is hard to understand why more chips are now lost and it is possible that vets are more thorough in reporting the reactions. Examination

of the time taken for loss to be detected was not significant although a cluster of eleven cases occurred within 1 month of implantation.

<b>Loss</b>	<b>Totals</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>
Animalcare	13		2	11
Avid	4	1		3
Bayer	7		1	6
Merial	1			1
Not Specified	4		1	3
<b>Totals</b>	<b>29</b>	<b>1</b>	<b>4</b>	<b>24</b>

Looking at the cases of migration in more detail:

	<b>Totals</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>
Animalcare	7	1	1	3	2
Avid	30	4	13	10	3
Bayer	29			15	14
Datamars	9		8		1
Indexel	2				2
Pet ID	2			1	1
Not Specified	13	4	3		6
<b>Totals</b>	<b>92</b>	<b>9</b>	<b>25</b>	<b>29</b>	<b>29</b>