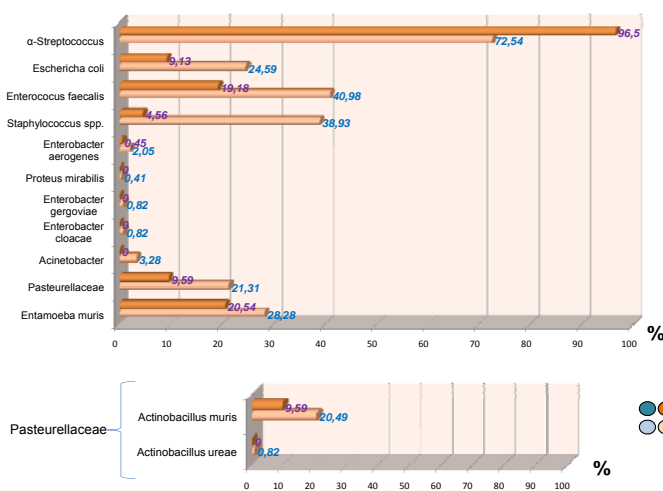


There is no report that reflects the current health status of rodent colonies in Spain. We review the microbiological control records generated by our laboratory over a two year period, between 2008 and 2009. The data offered here represent about 30% of the colonies of laboratory rodents in Spain. We have analyzed bacterial pathogens, viral and parasitological, using the recommendations in the latest report issued by FELASA.

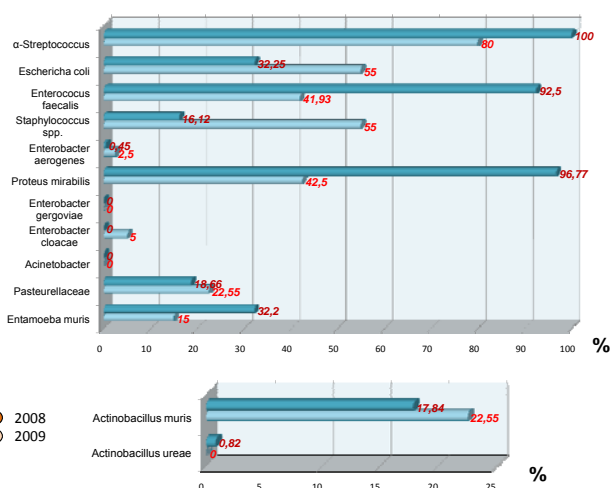
PERIOD	MICE		RATS		TOTAL AMOUNT OF ANIMALS
	Barrier Facility	Conventional Facility	Barrier Facility	Conventional Facility	
2008	118	101	2	29	250
2009	328	274	8	116	627

## Saprophytic organisms\*

### Mice

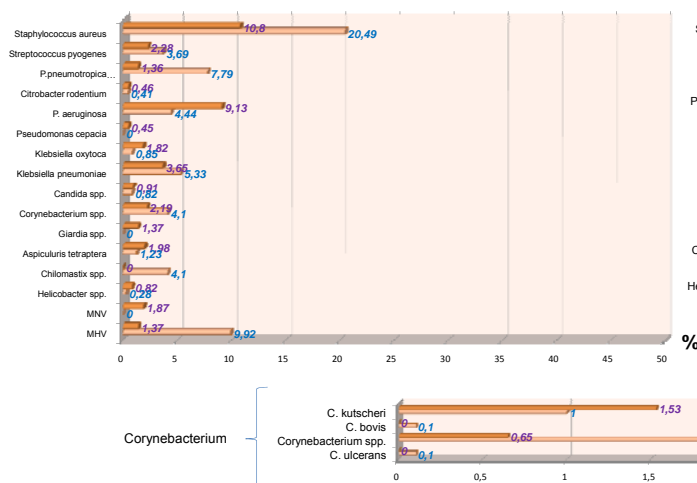


### Rats

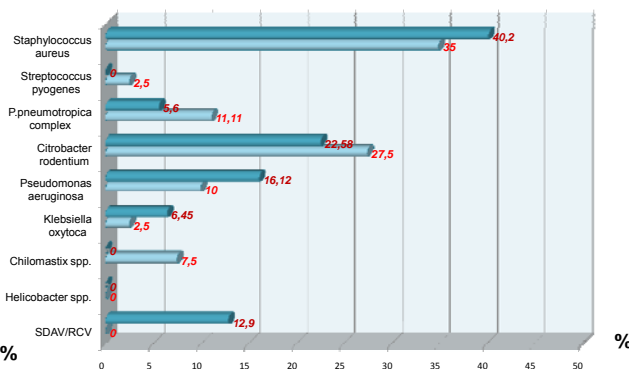


## Pathogens\*

### Mice



### Rats



## Conclusions

Composition of microbiological contamination in experimental mice and rats in Spain is similar to those found in other countries, but with some striking differences as incidence of Helicobacter spp. infections and virtual absences of some pathogens as Mycoplasma pulmonis, Parvovirus, LCMV and TMEV, found frequently in other countries. These differences are probably due to geographical reasons and frequency of health checks conducted. 98% of viral infections were found in barrier facilities. Elimination of SDAV/RCV infection was reported, as introduction of new species as Chilomastix spp. in 2009.

Entamoeba spp. Cryptosporidium spp. Chilomastix spp. Syphacia spp. Klebsiella spp. Proteus mirabilis Giardia spp. Klebsiella spp. Pseudomonas spp. S.aureus.



\*Isolated/detected from biological samples