


HOW TO PERFORM STRAY DOG SURVEY

Dr. Dimitar Terzievski

Dimitar Terzievski
dterzievski@fva.gov.mk
www.fva.gov.mk

- Food and veterinary agency of the Republic of Macedonia with support of the RSPCA conducted a Stray dog survey projects in Skopje, Tetovo and Gostivar according to the WSPA methodology.

- The purpose of the survey is to estimate the size of stray dog population within the city limits and to estimate the animal welfare status of the animals as well
- Also, the survey of public opinion toward dogs is performed

- The survey was conducted according to the WSPA guidelines and it is consisted from two elements:
 - Direct observation
 - Research on public opinion
- 
- Two vertical lines, one blue and one green, run down the right side of the slide.



- Key elements of the survey:
- Trained and reliable volunteers
- Map of the city/4 color markers
- Printed maps of the wards
- Check lists
- Proper data analysis

- The counting was performed in May 2010 and 2014 in Skopje, Tetovo in October 2013 and Gostivar in March 2014
- The direct observation is performed early morning between 05:00 and 09:00 when the dogs is most active.
- It must be continuous/according to the weather conditions (rain-that day no counting)

Skopje

- Territory of the city divided in 100 wards
- Direct counting performed into 24 wards
- the direct counting was performed by 6 volunteers-Students from Veterinary faculty Skopje divided into 3 teams





**FOOD AND
VETERINARY
AGENCY**

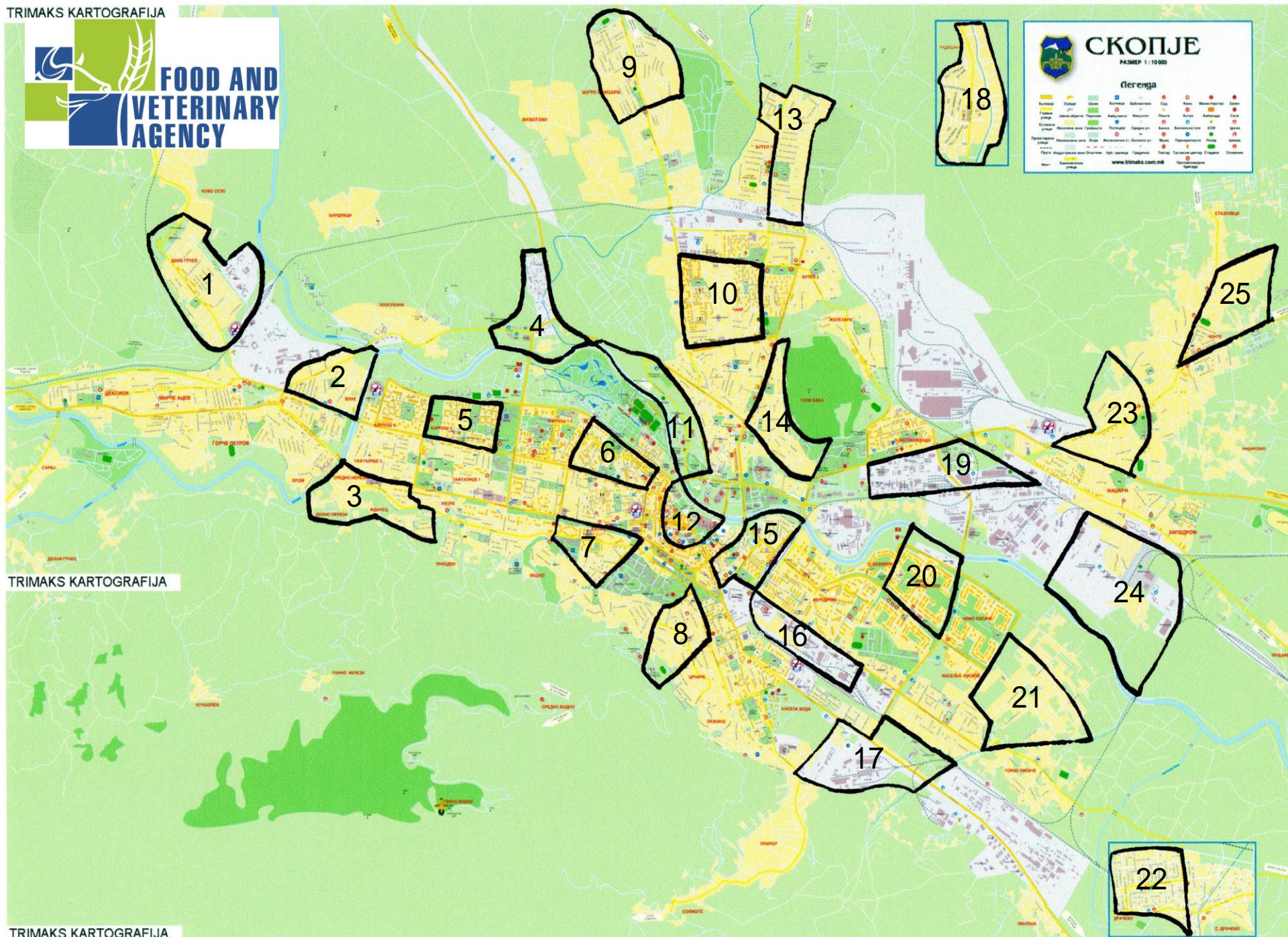


СКОПЈЕ
РАЗМЕР 1:10 000

Легенда

Булевар	Улица	Школа	Ветеринар	Библиотека	Суд	Кана	Меморијални	Спомен
Гробиште	Јавна администрација	Ресторан	Амбуланта	Музеј	Панора	Манастир	Крсто	Степа
Паркован	Материјална зграда	Градбило	Средна школа	Банка	Ветеринарска станица	Спомен	Степа	Степа
Паркован	Материјална зграда	Ресторан	Материјална зграда	Средна школа	Банка	Ветеринарска станица	Спомен	Степа

Портал: www.trimaks.com.mk



Maps of the wards

Two vertical lines, one blue and one green, run down the right side of the slide.



**FOOD AND
VETERINARY
AGENCY**

ТЕХНОКОМЕРЦ
МАКПЕТРОЛ

ДАМЕ ГРУЕВ

1067 ТИВАДСКА
1068 ДАР ПЛАНИЦА
1077
1064 БЕРНАРД РАСЕЛ
1065 ПЕКЛАНЕ
1062 БОРИС БОЛДИНСКИ
1063 МОЦАРТОВА
1061 АРСО МИЦКОВ
1060 ЛУКА ПЕТРОВ
1068 АНТОФ ЧЕХОВ
1068 ПЕРНИЦЕ
1071
1072 А ЖЕЛКАРОВ
1073 АНДОН КОЛИБРЕВ
1074 АВСТРАЛИСКА

БЕТОН
КОДИНГ
ПЕПСИ



АДИНГ

АЛКАЛОИД

ЕУРОПЛАСТИКА

ЈУГО СУРОВИНА

ЛЕПЕНЕЦ

ГРОБИШТА
ГОРЧЕ ПЕТРОВ

О СУРОВИНА

МАВРОВО

ВАРДАР


ВЛАЕ

ФИЕСТА 2





КАРПОШ 3

- Direct observation-The volunteers were provided with the map of the ward and with a relevant check list
 - Public opinion research-interview questionnaire/if it is possible engage professional marketing research company (Skopje 2010)
- 
- Two vertical lines, one blue and one green, run down the right side of the slide.

Check list for direct observation

Two vertical lines, one blue and one green, run down the right side of the slide.

- Following parameters were noticed during the direct observation:
- Sex (male, female, puppies)
- Does the dog have an ear tag or collar
- Body score condition
- Lameness
- Skin lesions













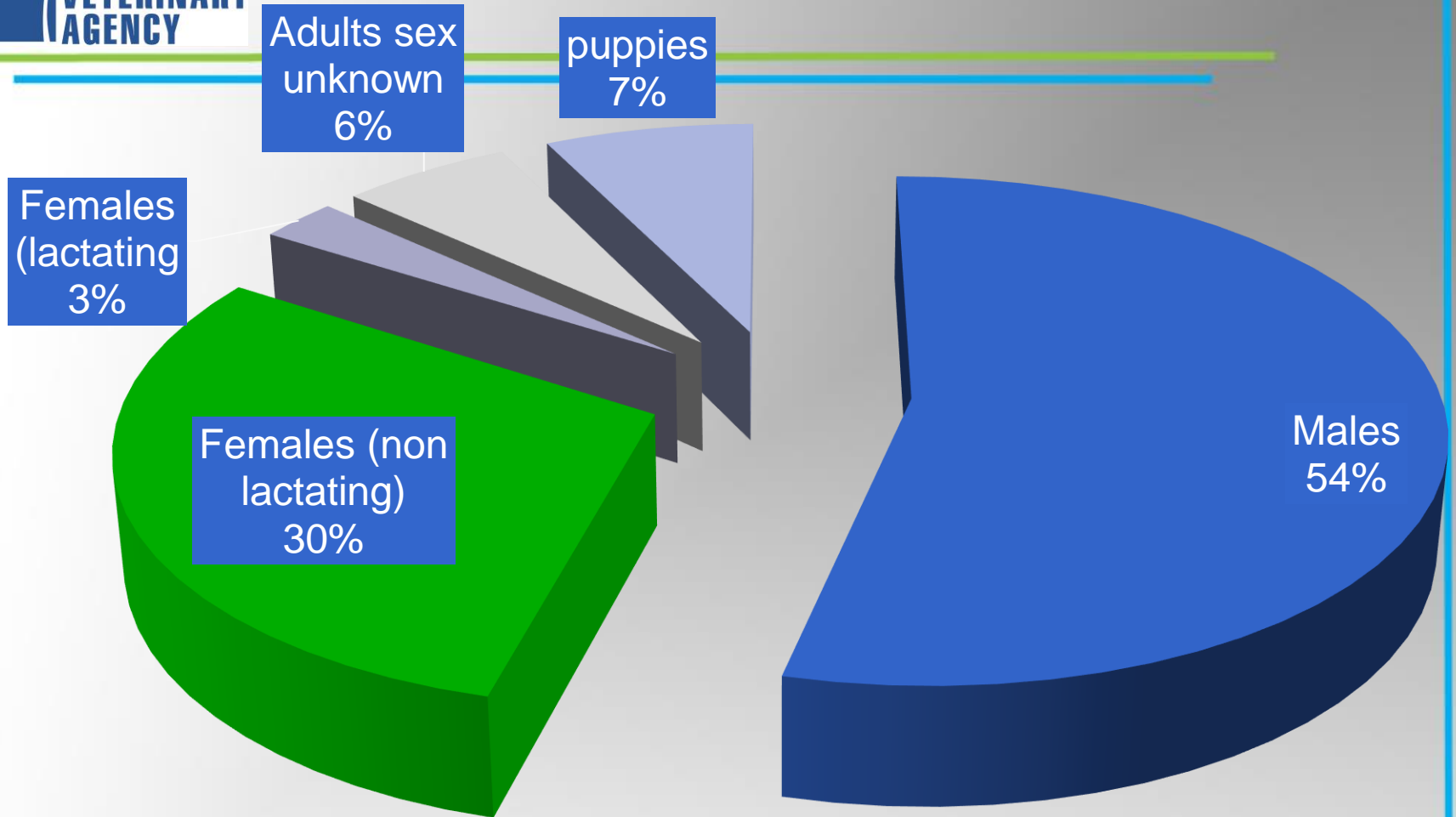


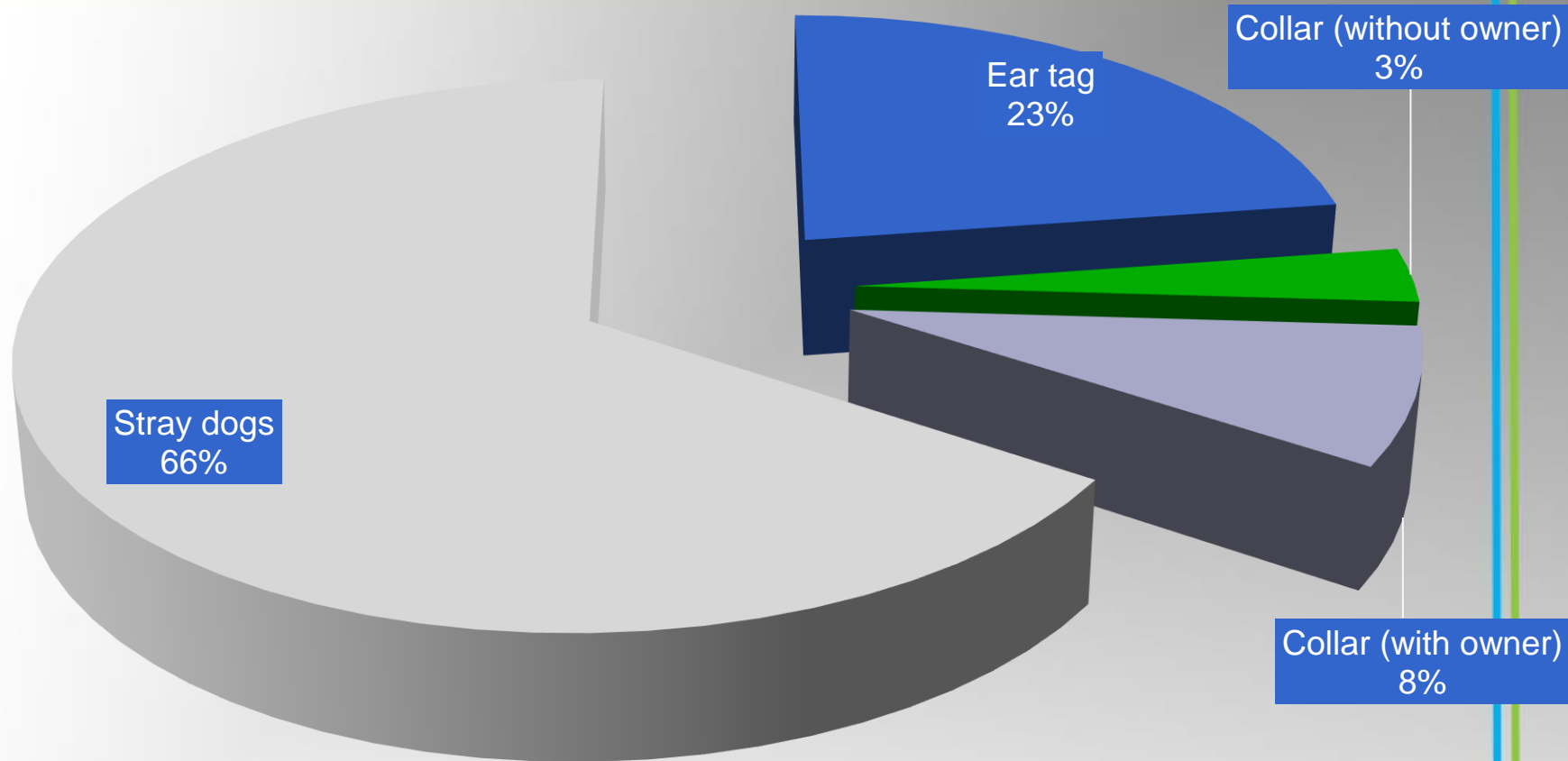


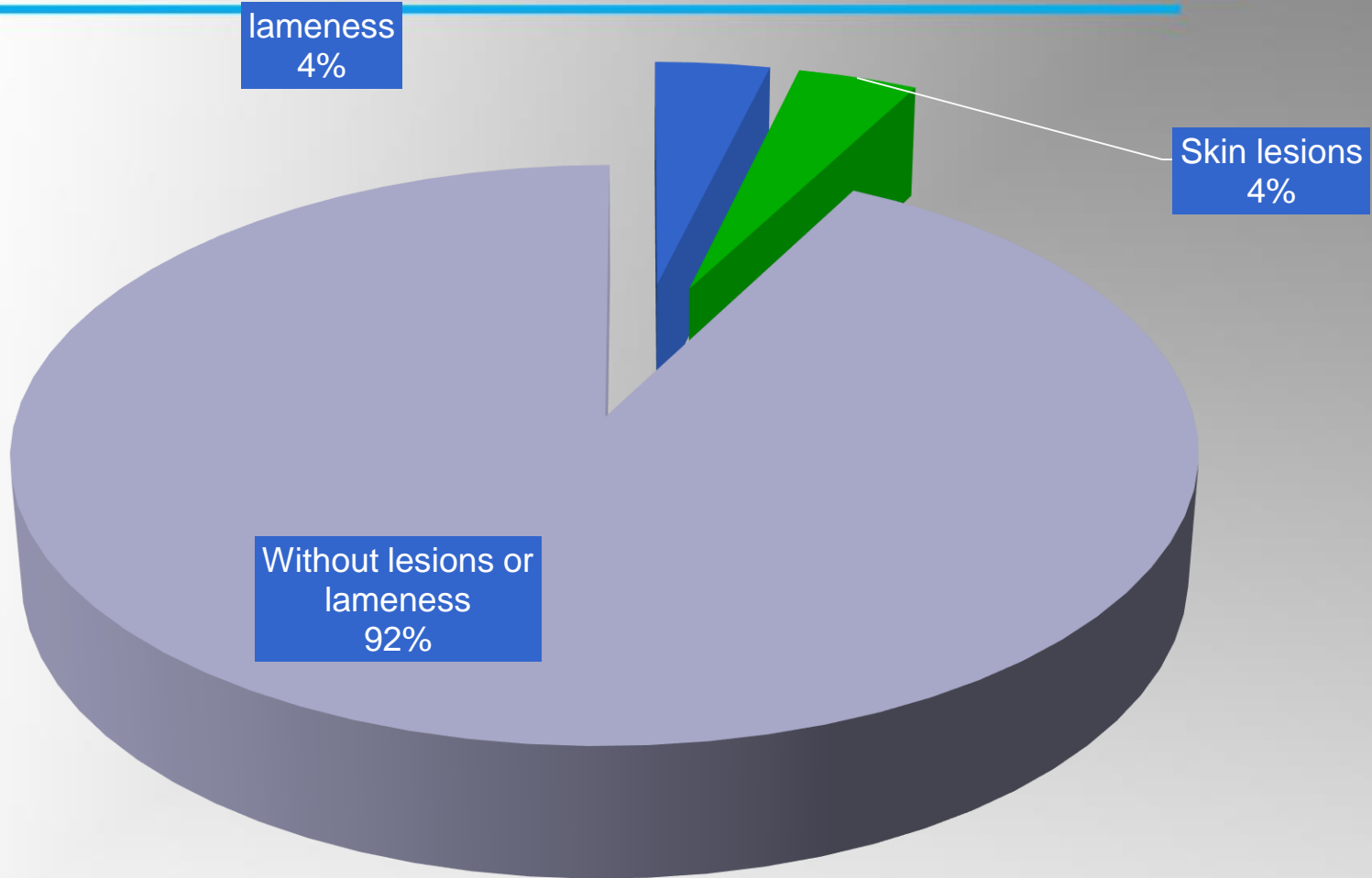
- Data Analysis/calculation according to WSPA manual

- 2010 estimation in figures:

Food and Veterinary Agency

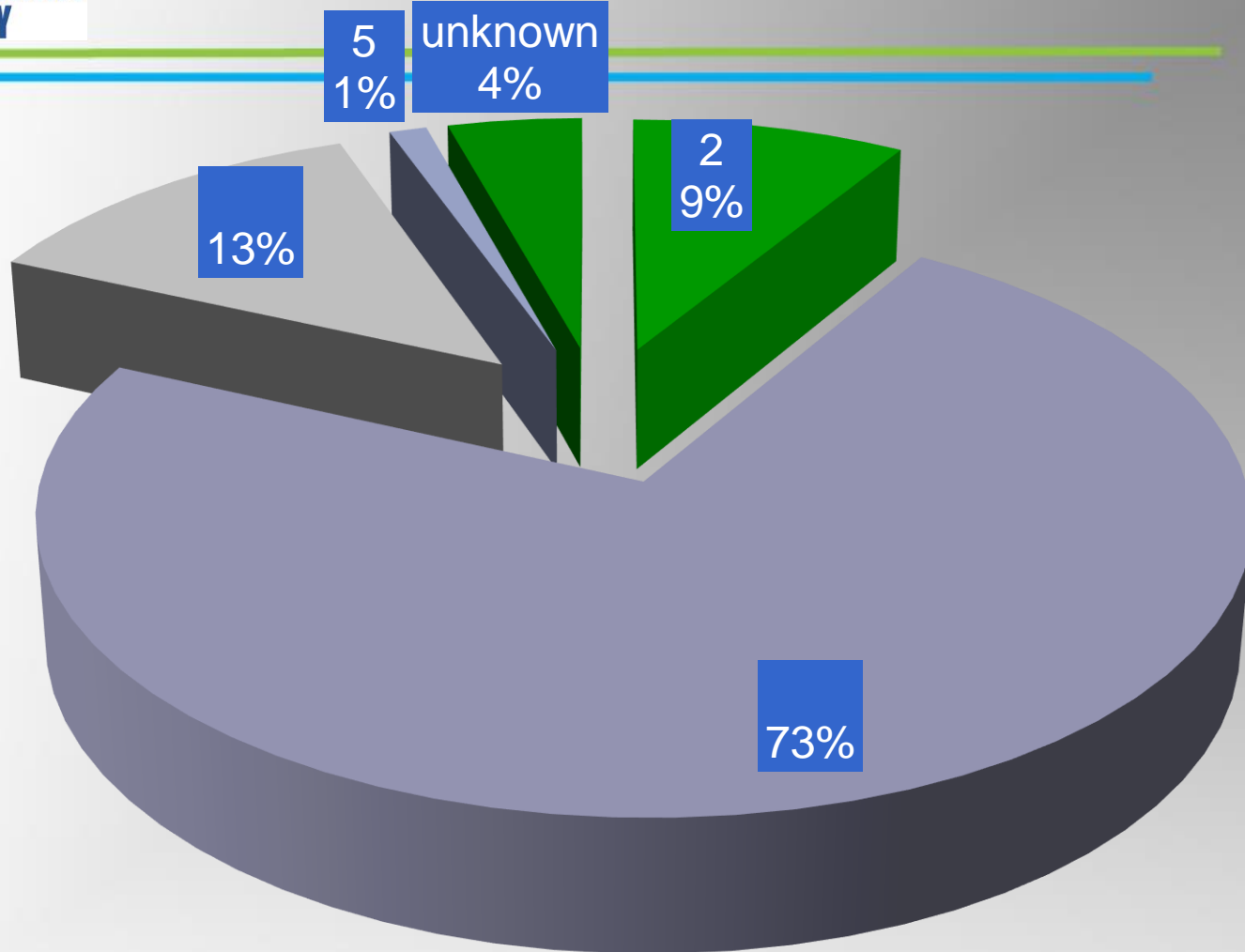






Body score condition

Food and Veterinary Agency

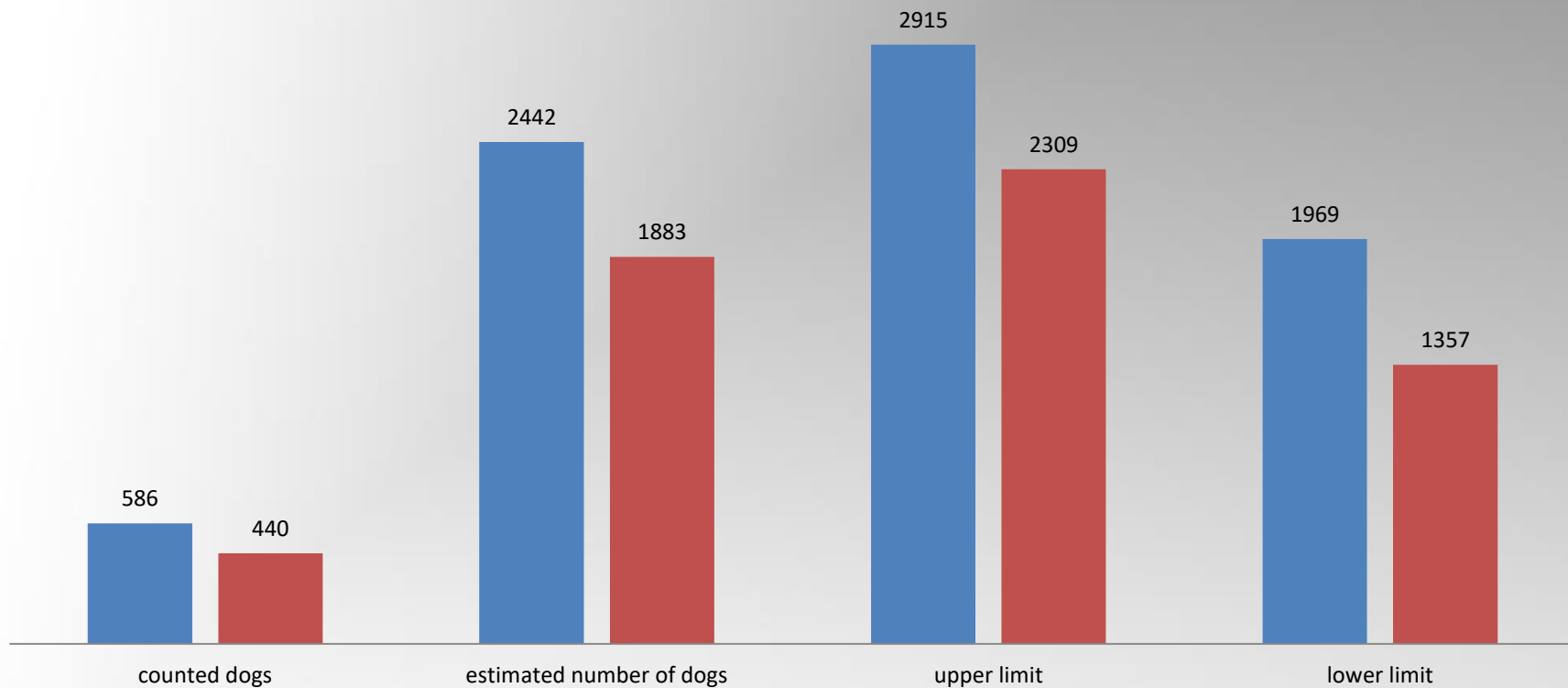


Monitoring/Control survey

- In 2014 exact same survey was performed and the results of the comparative analysis is following:

ESTIMATED NUMBER OF DOGS

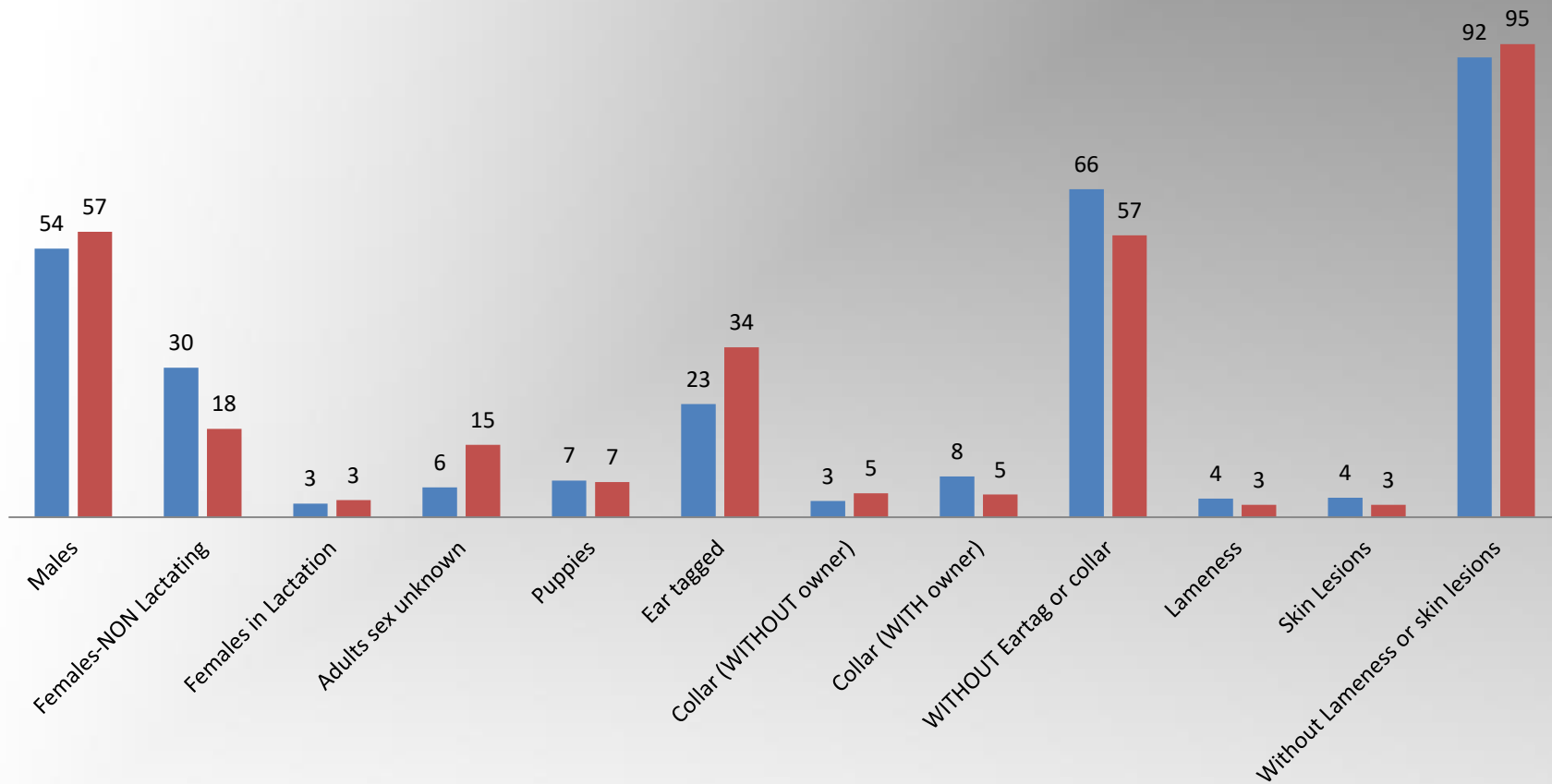
■ SKOPJE 2010 ■ SKOPJE 2014



- According to the counted dogs, 586 in 2010 and 440 in 2014, there is 25 % decrease of the number of dogs in city of Skopje

COMPARATIVE RESULTS IN %

■ SKOPJE 2010 ■ SKOPJE 2014




According to the counted dogs which is neutered, vaccinated and released there is 17 % increase of CNVR dogs in city of Skopje in 2014 compared to 2010.

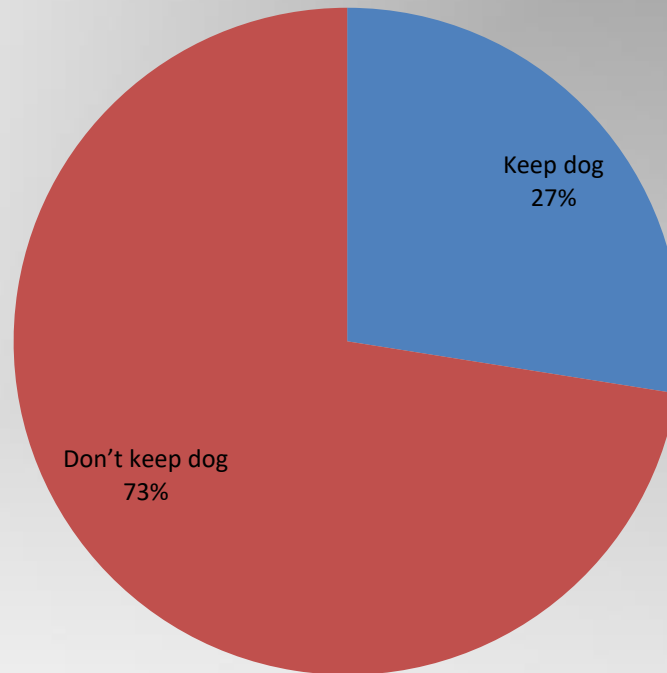
Case study Gostivar

Public opinion survey

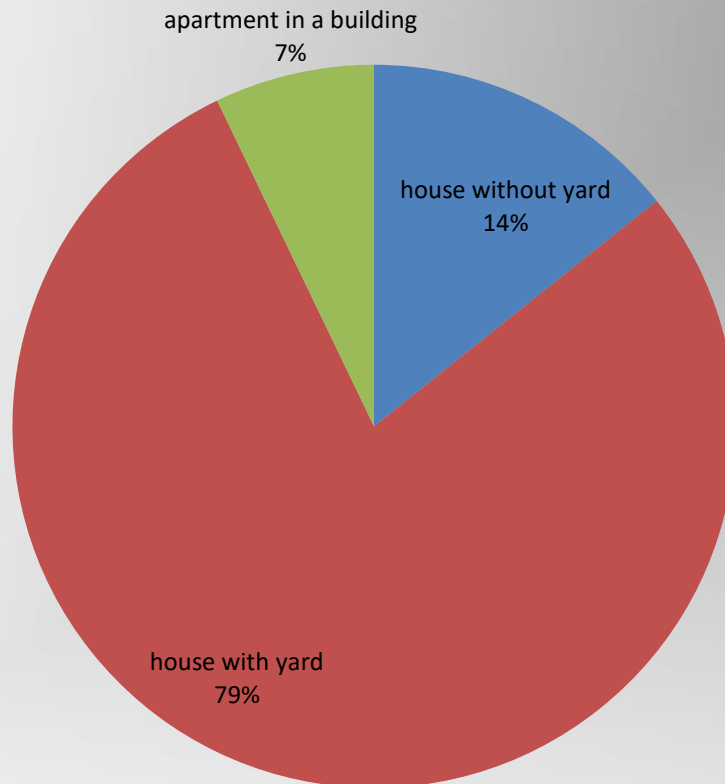
Two vertical lines, one blue and one green, run down the right side of the slide.

- 51 interviews performed
 - Volunteers/research company supplied with the questionnaire
 - Data analysis/results
- 
- Two vertical lines, one blue and one green, run down the right side of the slide.

% of households that keep dogs

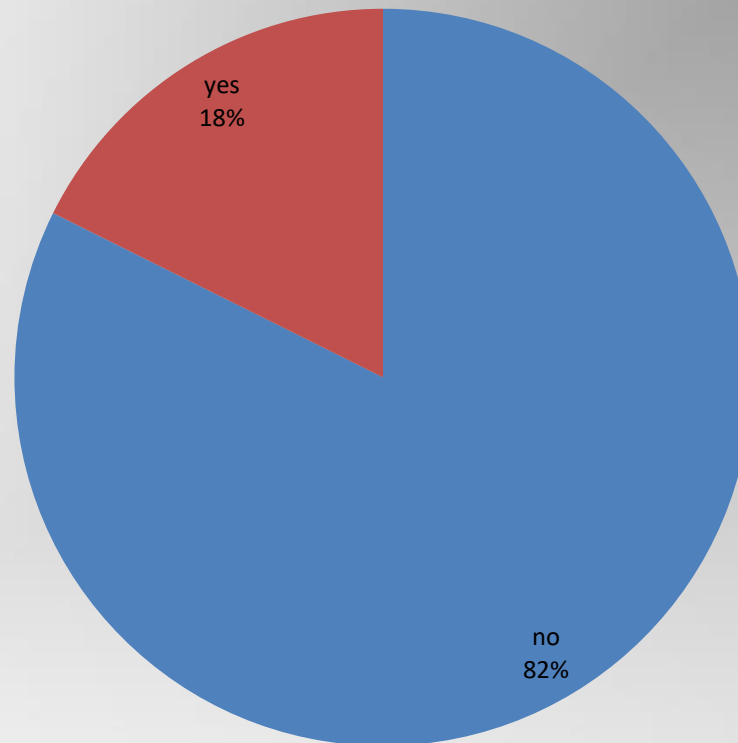


Type of structure of housing unit

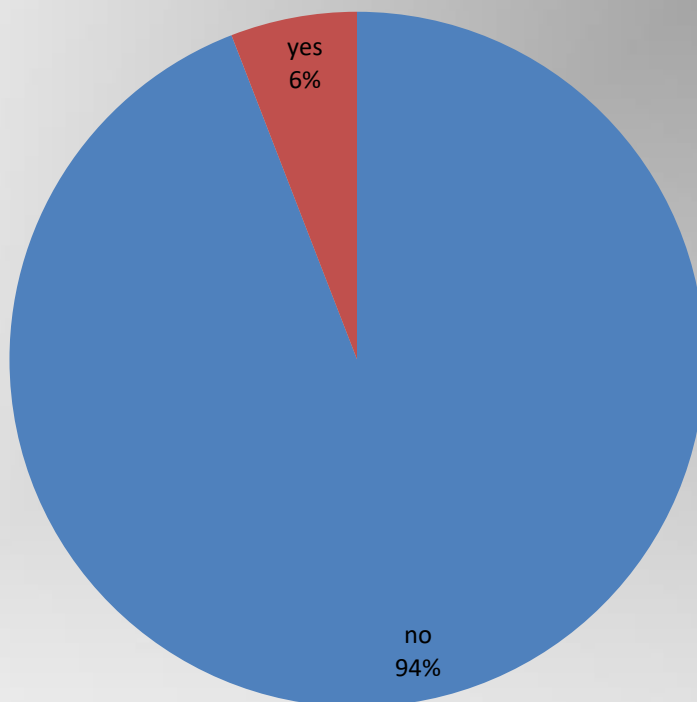


Stray dog population survey-Gostivar

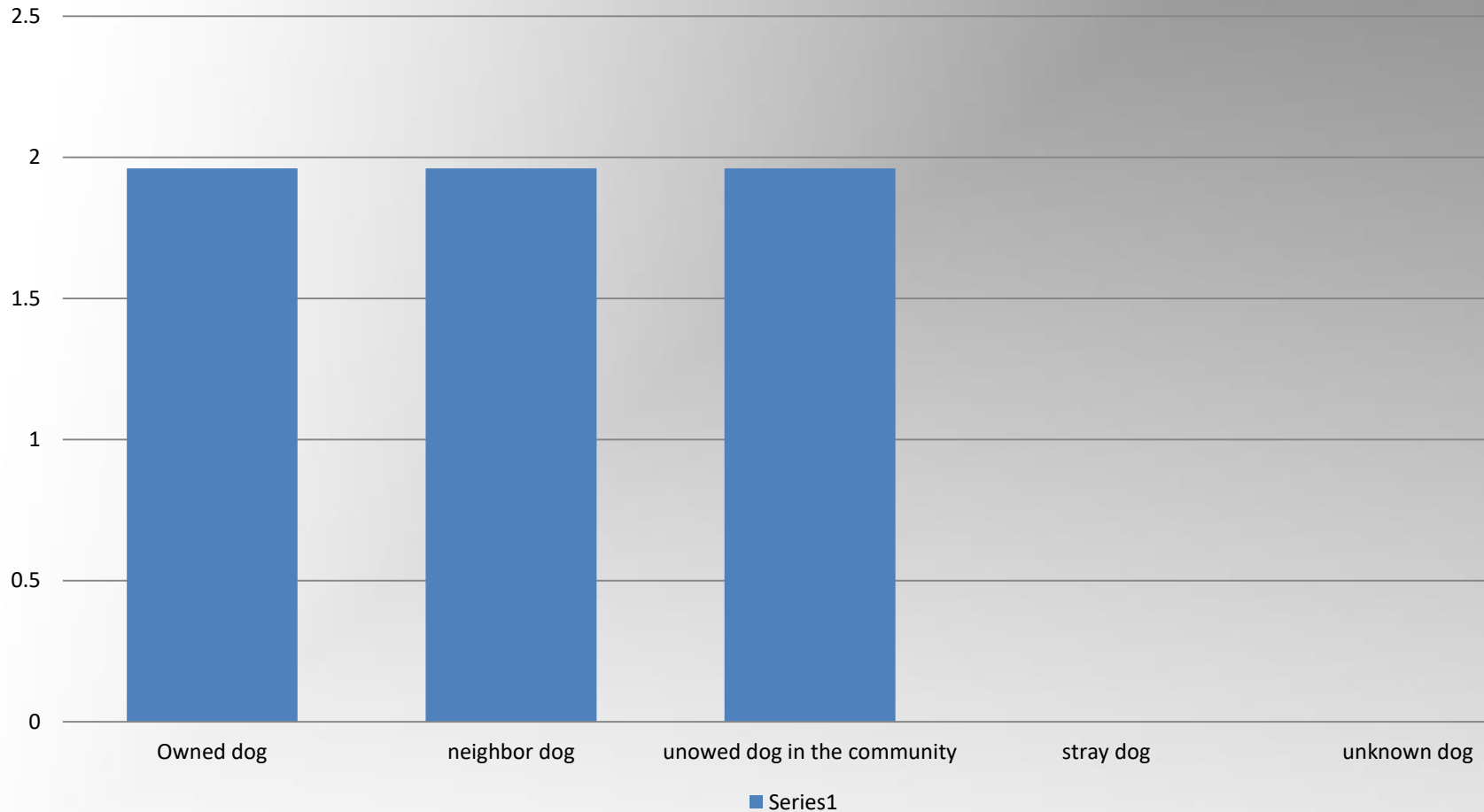
Did citizens of Gostivar feed the stray dogs



Did dog bite you in past 12 months



Type of the dog that bite you in %



Attitudes of the citizens of Gostivar



Chart Title

■ Series1

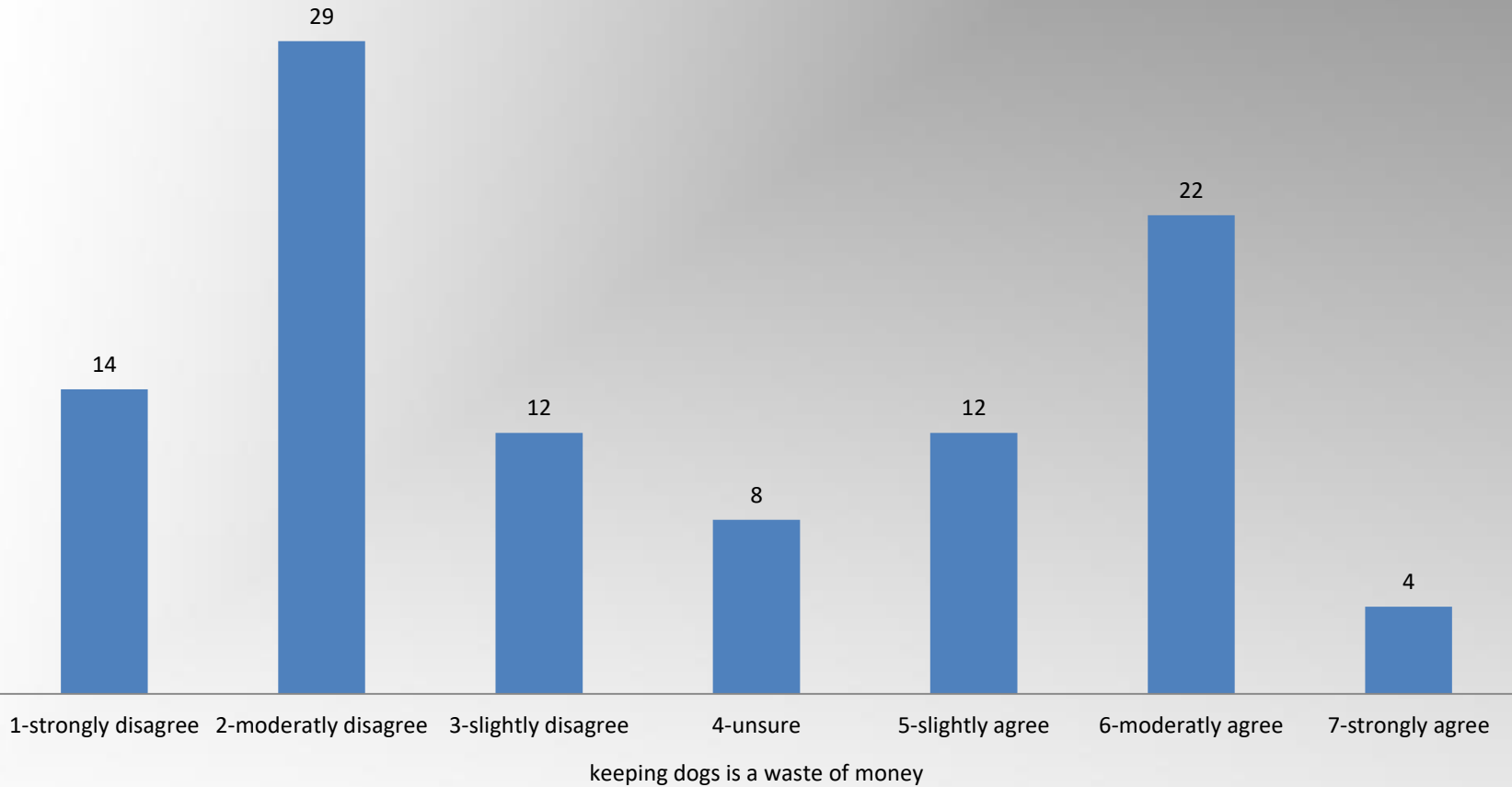


Chart Title

■ Series1

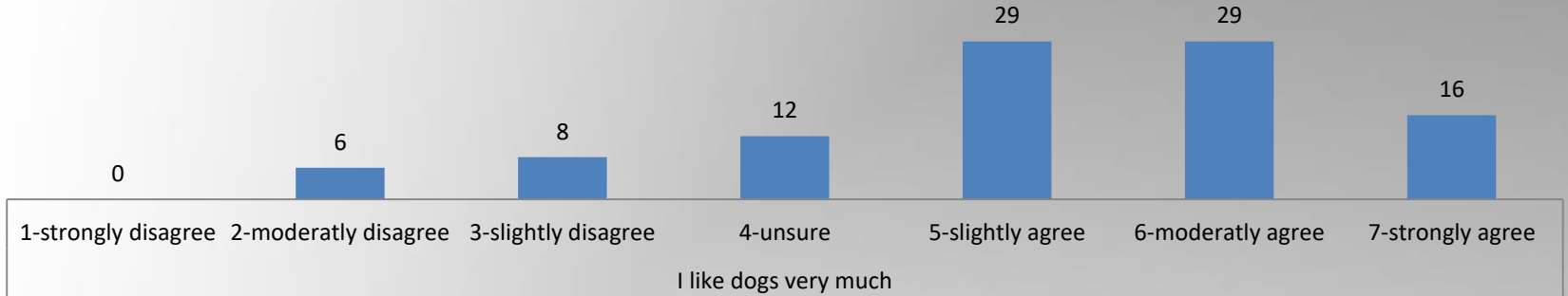


Chart Title

■ Series1

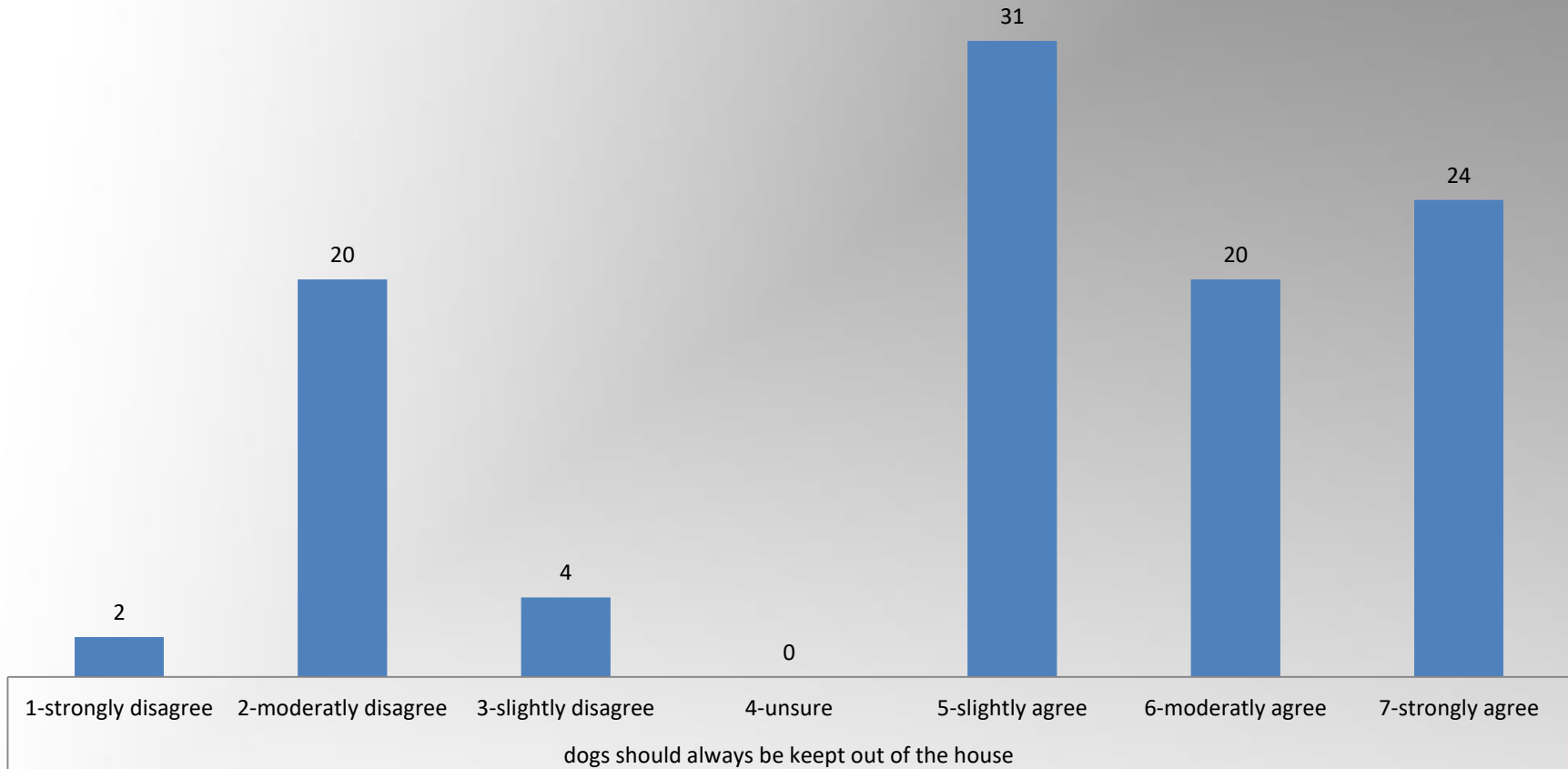


Chart Title

■ Series1

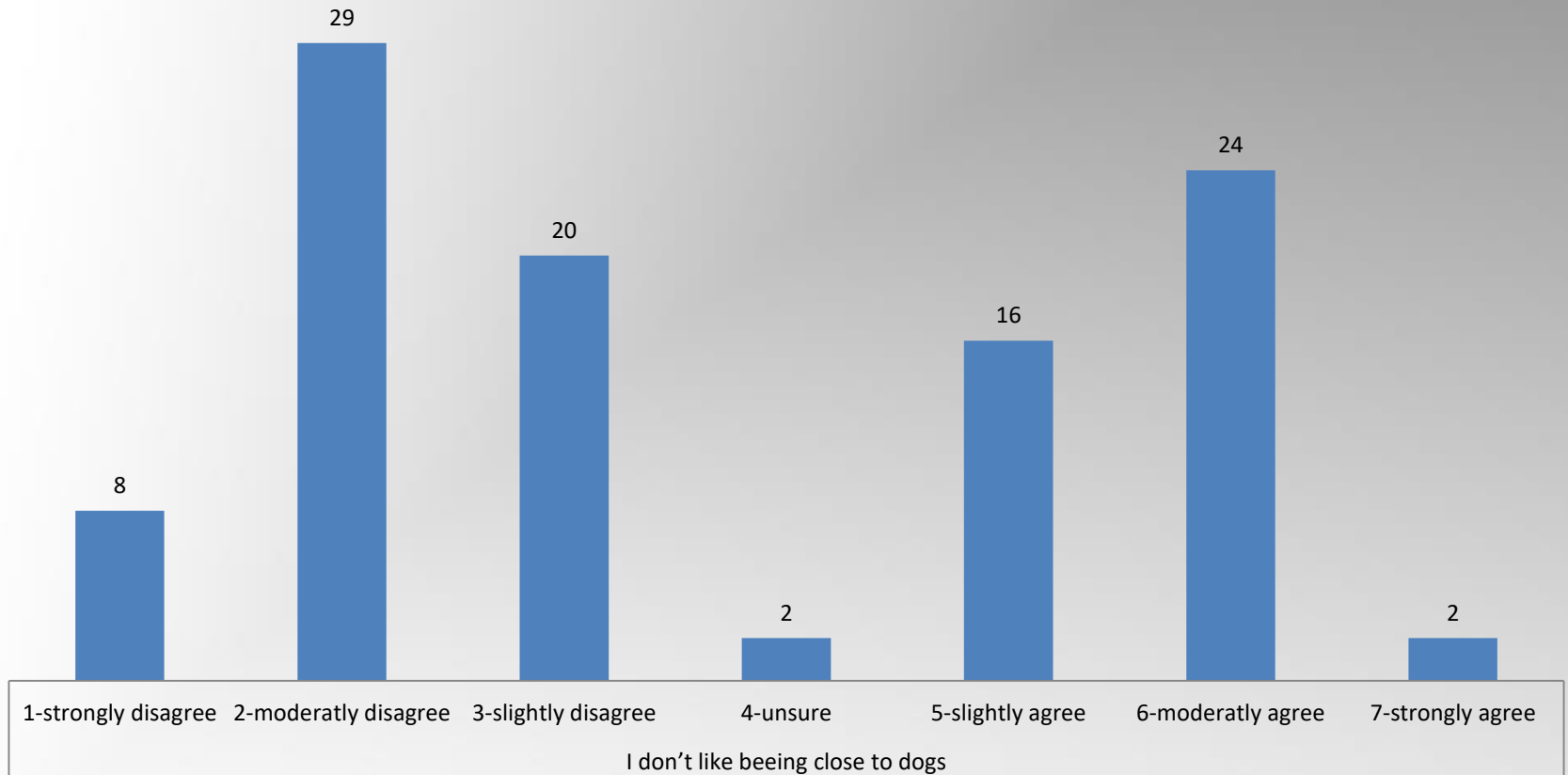


Chart Title

■ Series1

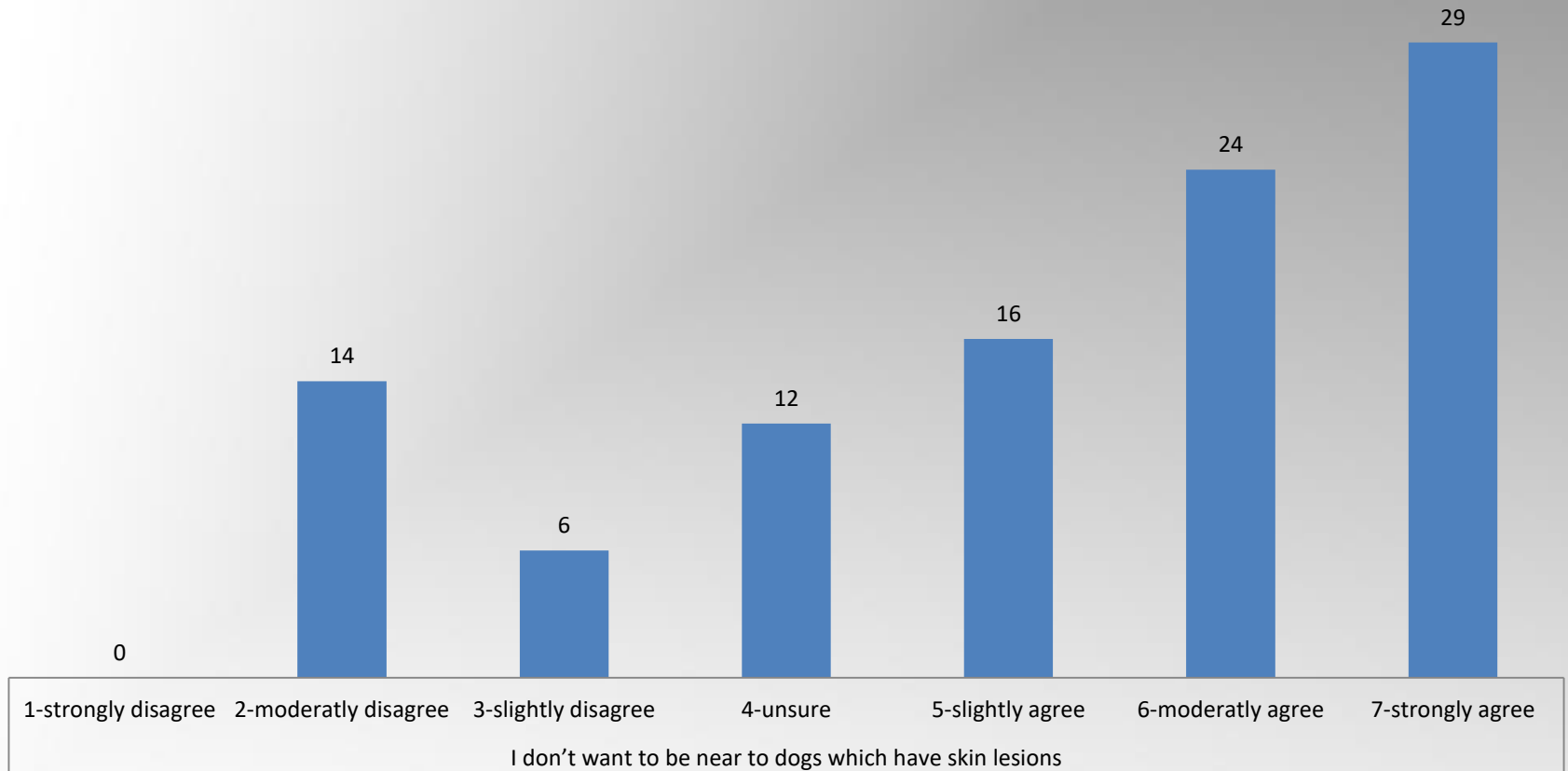


Chart Title

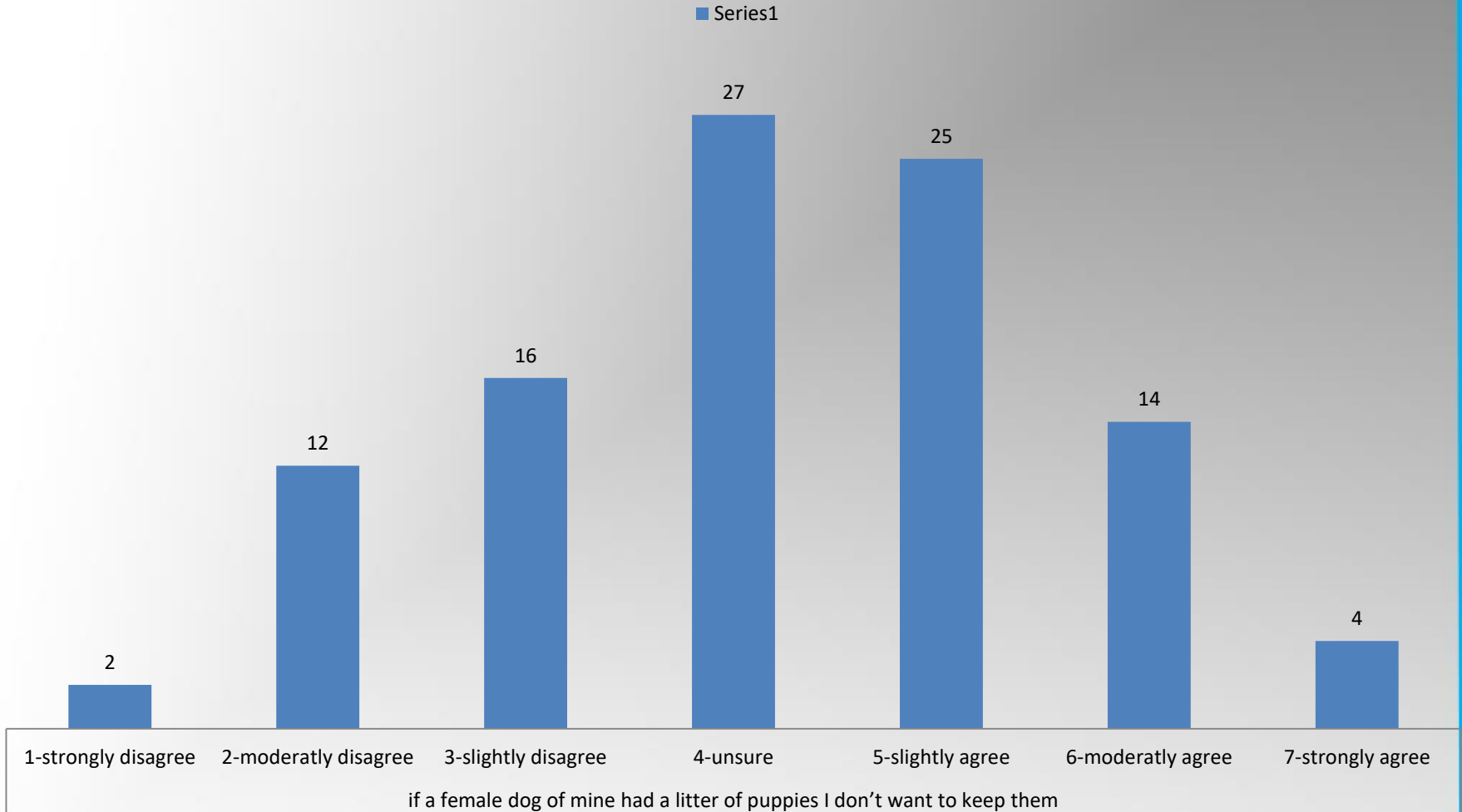


Chart Title

■ Series1

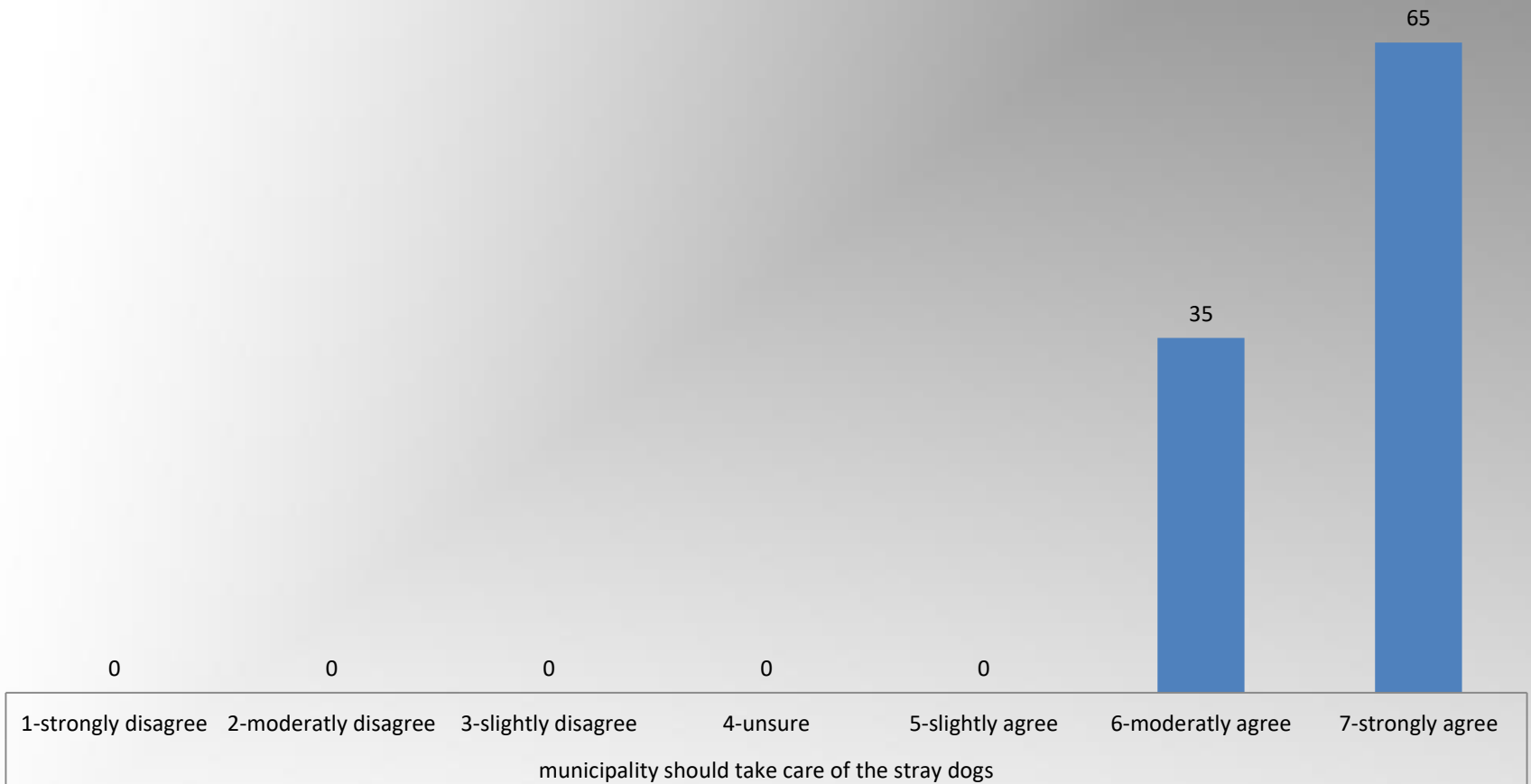


Chart Title

■ Series1

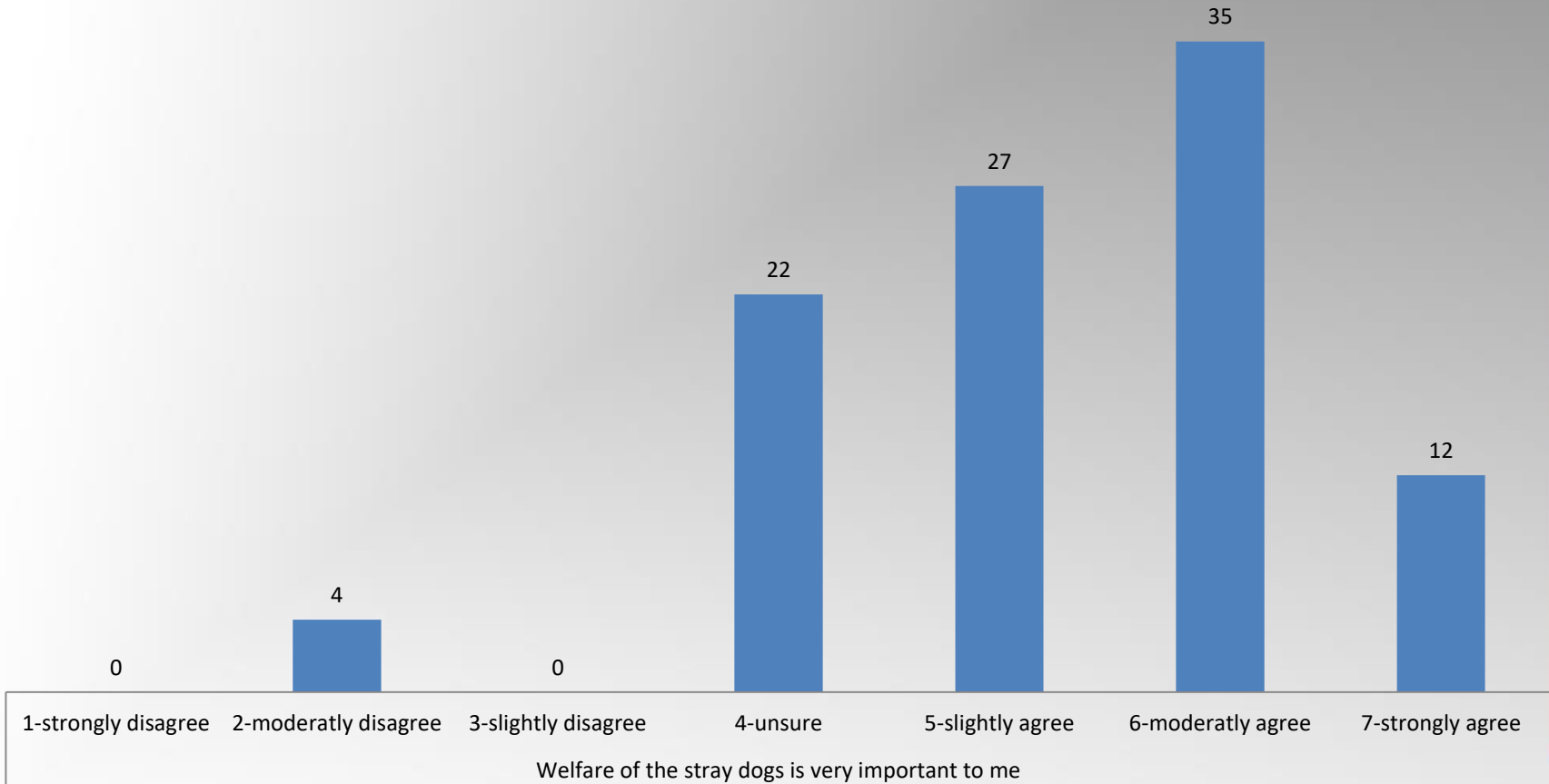


Chart Title

■ Series1

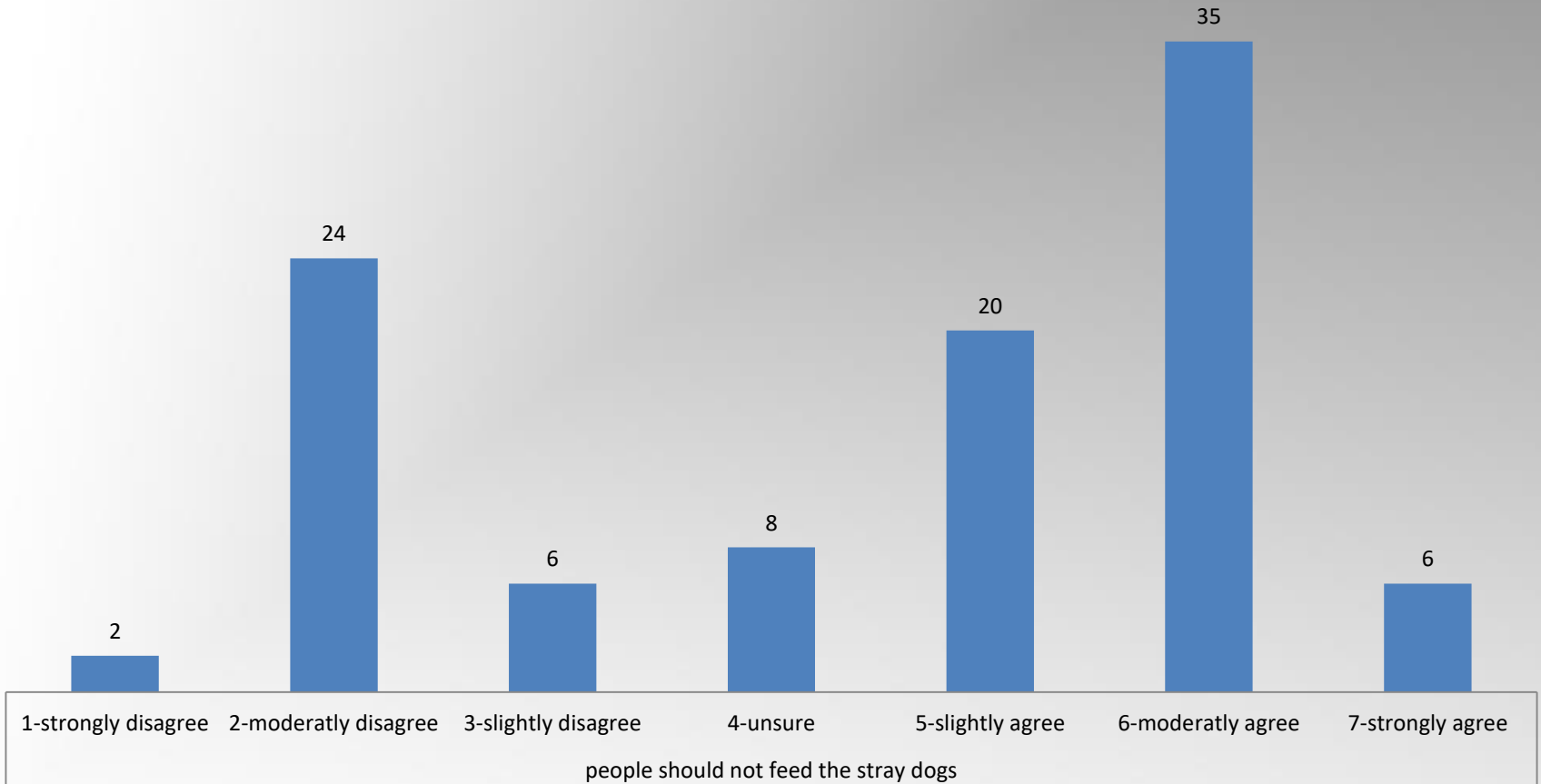


Chart Title

■ Series1

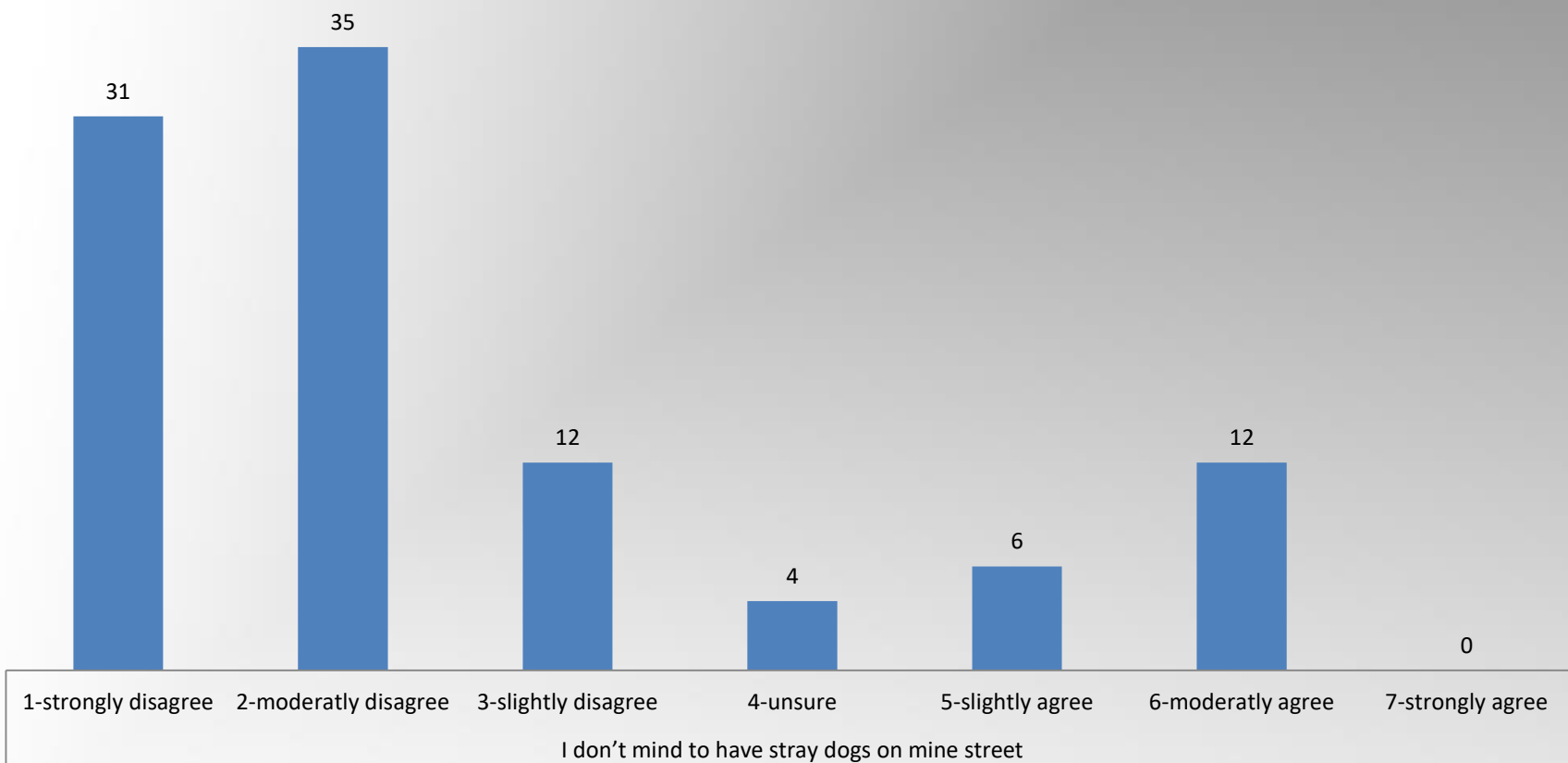


Chart Title

■ Series1

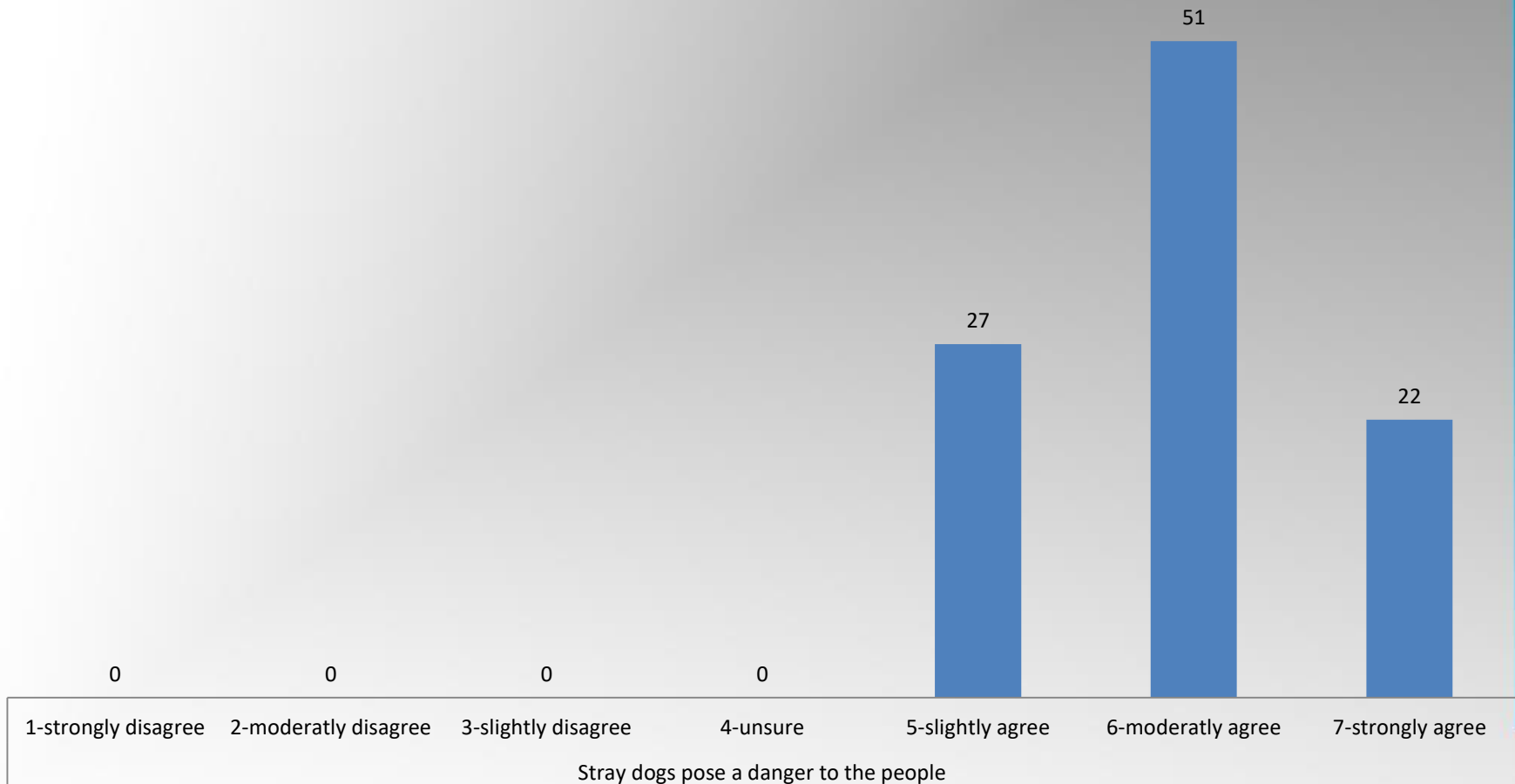


Chart Title

■ Series1

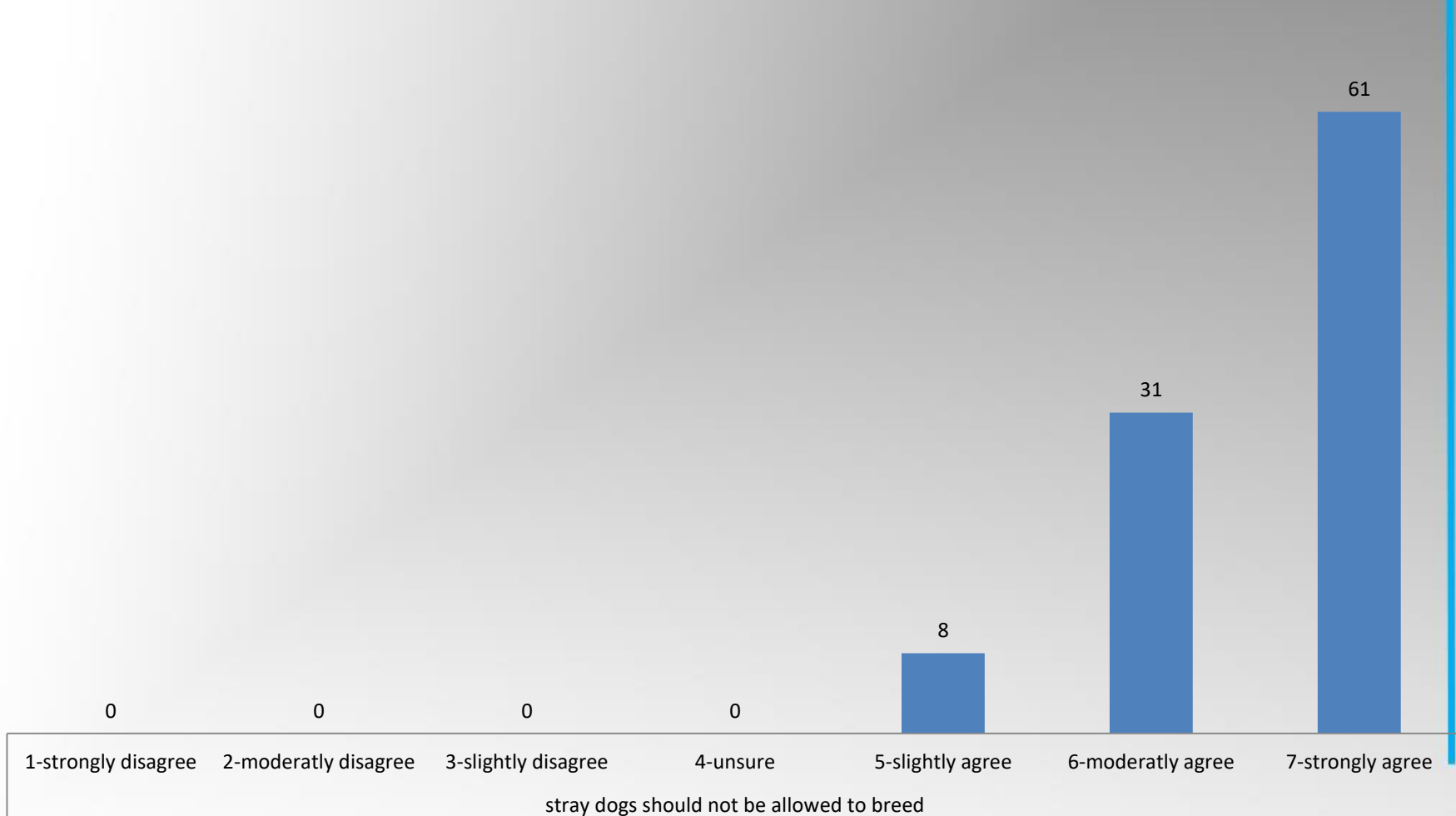
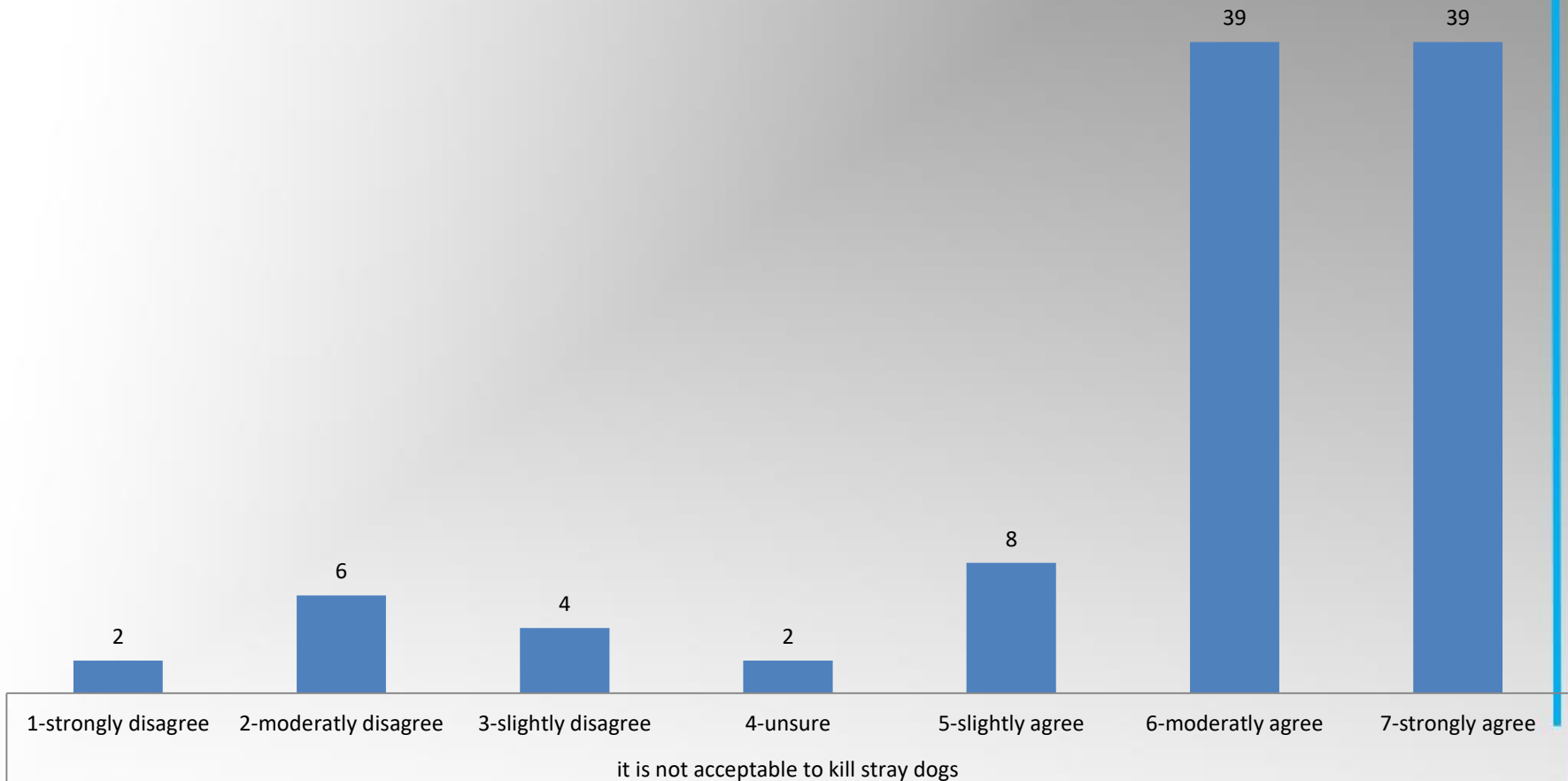


Chart Title

■ Series1





Thank You for Your attention!

Dimitar Terzievski
dterzievski@fva.gov.mk
www.fva.gov.mk