

# Handout



**HUMANE SOCIETY  
INTERNATIONAL**

## Survey: The technology and process

### What is a Dog Population survey?

It is a scientific way of data collection and analysis to determine various parameters of a dog population and dog dynamics.

### Who can do it?

Anyone really. The only thing is that the surveyor needs to know the basic concept and protocol of how to conduct the survey and do some basic analysis (maths). We are also more than happy to help you with how to conduct it and can provide basic training over a skype call, if you think you need more guidance.

### How to do it in my city and in the area where I work?

Well, it does require a few things like a mobile phone, vehicles to go around and some volunteers or staff. Having this in place, it only takes a few downloads of mobile phone-based applications.

The task might seem daunting at first but please go through the process below and you will see it is very simple. And please remember we are happy to help any time, so don't worry!

### The Process:

There are usually three different types of dog communities, in different parts of the world, when it comes to dog population management and dog population surveys:

- 1) **Street Dog Population** – The dogs live and survive on the street where people/ communities feed them; community dogs living on the street but are cared for by specific people
- 2) **Owned dog Population** – High to low rates of dog ownership, where dogs are allowed to roam freely on the street, a proportion of the roaming dogs are abandoned dogs who live around public places and live a life like street dogs
- 3) **Street dogs and owned dog population** – Some countries like India have a street dog population as well as an owned dog population

Depending on the situation you have in your country/city, one should choose the tools for the dog population survey needed. Below is a short summary:

- **For the street dog population survey** – It is important to understand the size of the dog population (low to high dog density areas) in the city. It is also important to have baseline data to compare over time to monitor and evaluate your program. E.g. when dog sterilization programs are implemented or any other on-going program, to measure the impact of the program and to present the program to other stakeholders in a scientific way (e.g. Donors, Government, communities). Keeping it scientific and evidence based rather than giving anecdotal evidence. An Index count survey is requiring here to setup baseline survey routes and to estimate the roaming dog population.
- **For the owned dog population survey** – It is important to understand the size of the dog population and other things related to the human-dog relationship. A household survey can provide a tool to explore those and gather required information and baseline data.
- **For street dog and owned dog population surveys** – well, here both types of the aforementioned surveys need to be conducted in order to understand the size of the dog population and gather baseline data. It is often helpful to combine several different survey types, depending on the situation.

**To know more detail of the survey methodology please click on these links and you will see the real examples of the survey we conducted.**

<https://www.dropbox.com/sh/63k58ezsuiw870m/AACibGQ13YgO5KduLDMI2-rLa?dl=0>

or just scan the QR code here



### Technology:

The required mobile phone-based applications which you learned about in today's presentation are:



Google Maps



OSM Tracker



Epicollect5

You can see details on how we use the applications in the dog population survey reports from the link we gave above.

### Have more questions?

Never hesitate to ask us, we are happy to help you start your data collection! Just email us:

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