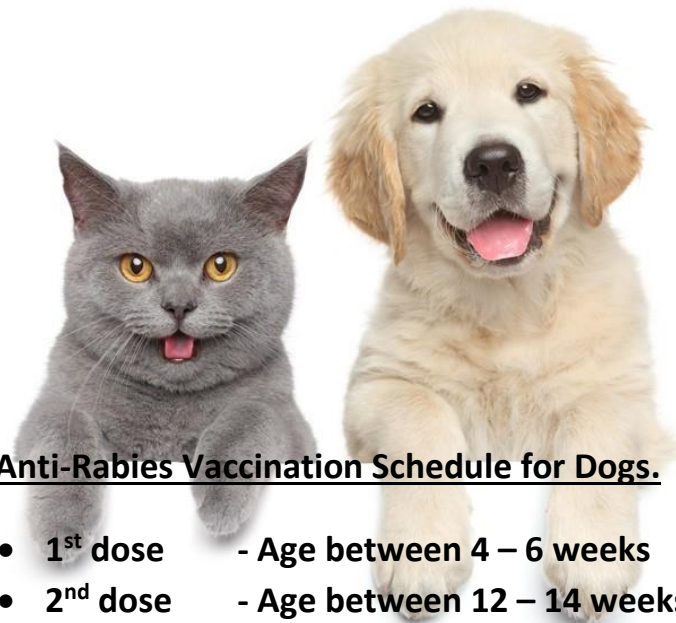




National Rabies Control Programme

Statistical Bulletin

2022



Anti-Rabies Vaccination Schedule for Dogs.

- 1st dose - Age between 4 – 6 weeks
- 2nd dose - Age between 12 – 14 weeks
- Then Every Year from Last Vaccination

Public Health Veterinary Services

Ministry of Health

Sri Lanka

Message by the Director

Rabies is a fatal zoonotic disease which has been endemic and a major public health problem in Sri Lanka with its peak in the 1970s where 300 – 400 human deaths occurred annually. As a result of disease control and strategic measures following establishment of the anti-rabies campaign of the ministry of health Sri Lanka in 1981, currently the disease is in controlled stage where human deaths have dropped down to less than 30 annually.

Since the establishment of the anti-Rabies campaign at public health veterinary services of the ministry of health, various strategies of rabies control had been practiced over the decades which mainly includes dog population management and vaccination programs for domestic and free roaming/stray dogs. The Public Health Veterinary Services (PHVS) of the Ministry of Health is currently the focal point of rabies control in the island, entrusted with national responsibilities of preventing human and animal rabies in collaboration with other stake holders such as the world Health Organization (WHO), World bank (collaboration in world one health concept), Department of Wildlife conservation, Department of animal production and health, and other animal activist groups.

As in any disease when reaching its elimination level, the hard part is to prevent the last few cases from occurring. In order to reach the national target of 'zero human deaths due to dog mediated Rabies disease', the need of more special tactics were observed. This was the foundation for the development of the 'National Strategic Plan' (NSP) on elimination of dog mediated human rabies from Sri Lanka (2022-2026).

The necessity of a National Strategic Plan was also highlighted at the South Asia Rabies Elimination (SARE) workshop which was held in 2019, in order to eliminate the last few cases of Rabies from Sri Lanka and to achieve our target of zero dog mediated human rabies deaths by 2026 and eliminate dog mediated Rabies by 2030.

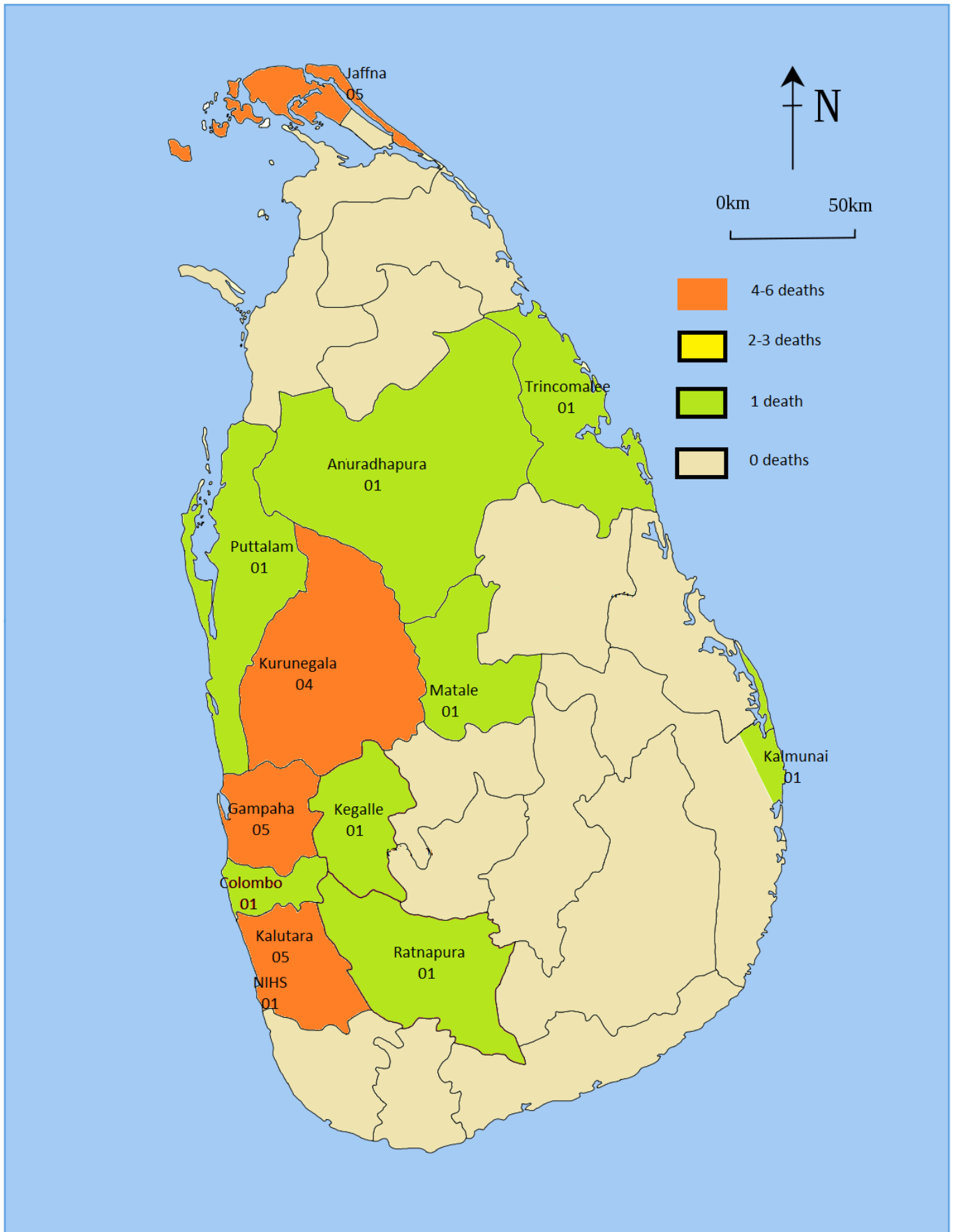
As a result, the National Strategic Plan was developed under the guidance and advice of the Secretary – Ministry of Health, the additional Secretary (Public Health Services), Director General of health services, Deputy Director General (Public Health Services)¹ and with the massive support of the World Health Organization (WHO), who is our main stakeholder and funder of Rabies control in Sri Lanka.

Dr. L.D. Kithsiri

Director

Public Health Veterinary Services

Human Rabies Deaths - 2022



HUMAN RABIES DEATHS IN 2020, 2021 & 2022

| PROVINCE | DISTRICT | 2020 | 2021 | 2022 |
|----------------------------|--------------|-----------|-----------|-----------|
| Western | Colombo | - | 3 | 1 |
| | Gampaha | 4 | 4 | 5 |
| | Kalutara | 3 | 1 | 5 |
| | NIHS | | 1 | 1 |
| Western Total | | 7 | 9 | 12 |
| Uva | Badulla | - | - | - |
| | Monaragala | 1 | 1 | - |
| Uva Total | | 1 | 1 | - |
| Southern | Galle | 3 | 1 | - |
| | Matara | - | - | - |
| | Hambantota | 2 | - | - |
| Southern Total | | 5 | 1 | - |
| Sabaragamuwa | Rathnapura | 1 | 2 | 1 |
| | Kegalle | - | 1 | 1 |
| Sabaragamuwa Total | | 1 | 3 | 2 |
| Northern | Jaffna | 2 | 6 | 5 |
| | Kilinochchi | - | - | - |
| | Vavuniya | - | - | - |
| | Mannar | 1 | - | - |
| | Mulathive | 2 | - | - |
| Northern Total | | 5 | 6 | 5 |
| North Western | Kurunegala | 6 | 2 | 4 |
| | Puttalam | 1 | - | 1 |
| North western Total | | 7 | 2 | 5 |
| North Central | Anuradhapura | 3 | 1 | 1 |
| | Polonnaruwa | - | - | - |
| North Central Total | | 3 | 1 | 1 |
| Eastern | Ampara | - | - | - |
| | Trincomalee | - | 1 | 1 |
| | Batticaloa | 1 | - | - |
| | Kalmunai | - | - | 1 |
| Eastern Total | | 1 | 1 | 2 |
| Central | Kandy | - | - | - |
| | Nuwaraeliya | - | - | - |
| | Matale | 1 | 1 | 1 |
| Central Total | | 1 | 1 | 1 |
| Grand Total | | 31 | 25 | 28 |

Dog Vaccination Progress 2020, 2021 & 2022

| | 2020 | | | 2021 | | | 2022 | | |
|---------------------|-----------------------------------|------------------------------|---------------|-----------------------------------|------------------------------|--------------|-----------------------------------|------------------------------|---------------|
| <i>District</i> | <i>Mass Programme Vaccination</i> | <i>Stray Dog Vaccination</i> | <i>Total</i> | <i>Mass Programme Vaccination</i> | <i>Stray Dog Vaccination</i> | <i>Total</i> | <i>Mass Programme Vaccination</i> | <i>Stray Dog Vaccination</i> | <i>Total</i> |
| Ampara | 19159 | - | 19159 | 22455 | - | 22455 | 12928 | 1124 | 14052 |
| Anuradhapura | 134335 | 121937 | 12398 | 86794 | 17781 | 10457 5 | 72330 | 13856 | 86186 |
| Badulla | 52621 | 929 | 53550 | 22315 | 2896 | 25211 | 58164 | 1427 | 59591 |
| Batticaloa | 31012 | 2254 | 33266 | 20487 | 771 | 21258 | 18187 | 1132 | 19319 |
| Colombo | 35264 | 617 | 35881 | 23762 | 3185 | 26947 | 43830 | 7711 | 51541 |
| Galle | 52658 | 4287 | 56945 | 49659 | 15681 | 65340 | 43018 | 6368 | 49386 |
| Gampaha | 41835 | 6113 | 47948 | 49146 | 12437 | 61583 | 70919 | 11969 | 82888 |
| Hambantota | 48786 | 7547 | 56333 | 56077 | 5501 | 61578 | 39278 | 6962 | 46240 |
| Jaffna | 43670 | 929 | 44599 | 51951 | 1753 | 53704 | 44272 | 1261 | 45533 |
| Kalmunai | 4949 | - | 4949 | 7953 | 1283 | 9236 | 6006 | 1245 | 7251 |
| Kalutara | 47097 | 2216 | 49313 | 16851 | - | 16851 | 44648 | - | 44648 |
| Kandy | 118343 | 4326 | 122669 | 81255 | 4363 | 85618 | 90143 | 3826 | 93969 |
| Kegalle | 57746 | 3893 | 61639 | 29301 | 4229 | 33530 | 57980 | 2950 | 60930 |
| Kilinochchi | 9937 | - | 9937 | 4836 | 56 | 4892 | 5841 | - | 5841 |
| Kurunegala | 98818 | 12494 | 111312 | 82874 | 9350 | 92224 | 95837 | 6805 | 102642 |
| Mannar | 5186 | - | 5186 | 5349 | - | 5349 | 4340 | | 4340 |
| Matale | 64587 | 4458 | 69045 | 69823 | 5027 | 74850 | 75313 | 6295 | 81608 |
| Matara | 24830 | 1593 | 26423 | 39718 | 4412 | 44130 | 44130 | 1601 | 45731 |
| Monaragala | 56970 | 382 | 57352 | 56401 | 495 | 56896 | 51001 | 4253 | 55254 |
| Mulaithivu | 11631 | - | 11631 | 5949 | 175 | 6124 | 11540 | 785 | 12325 |
| Nuwaraeliya | 27032 | 581 | 27613 | 32590 | 752 | 33342 | 22522 | 976 | 23498 |
| Polonnaruwa | 38061 | 26722 | 64783 | 45638 | 29680 | 75318 | 32483 | 25922 | 58405 |
| Puttalam | 39747 | 11688 | 51435 | 58988 | 10649 | 69637 | 40302 | 9439 | 49741 |
| Rathnapura | 36747 | - | 36747 | 50025 | - | 50025 | 43110 | 0 | 43110 |
| Trincomalee | 17935 | 1285 | 19220 | 8253 | 11575 | 19828 | 7746 | 804 | 8550 |
| vavuniya | 25987 | - | 25987 | 30417 | - | 30417 | 30259 | 288 | 30547 |
| Grand Total | 1132545 | 104712 | | 1008867 | 142051 | | 1066127 | 116999 | |
| | 1,237,257 | | | 1,150,918 | | | 1,183,126 | | |

Female Dog Sterilization 2020 & 2021

| | 2021 | 2022 |
|-------------------------------|--------------|--------------|
| Central | 4205 | 3234 |
| ❖ Kandy | 2247 | 1242 |
| ❖ Mathale | 794 | 1248 |
| ❖ Nuwara Eliya | 1164 | 744 |
| Eastern | 5300 | 3044 |
| ❖ Trincomale | 1476 | 1483 |
| ❖ Ampara | 1176 | 419 |
| ❖ Batticaloa | 1470 | 723 |
| ❖ Kalmunei | 1178 | 419 |
| North Central Province | 6056 | 5645 |
| ❖ Anuradhapura | 2835 | 2868 |
| ❖ Polonnaruwa | 3221 | 2777 |
| North Western | 4535 | 3821 |
| ❖ Kurunegala | 3168 | 2184 |
| ❖ Puttalam | 1367 | 1637 |
| Northern | 5126 | 2960 |
| ❖ Jaffna | 2455 | 976 |
| ❖ Killinochchi | 553 | 1024 |
| ❖ Manna | 779 | 242 |
| ❖ Mulathive | 573 | 264 |
| ❖ Vavuniya | 766 | 454 |
| Sabaragamuwa | 5620 | 3230 |
| ❖ Rathnapura | 4161 | 2039 |
| ❖ Kegalle | 1459 | 1191 |
| Southern | 6749 | 1627 |
| ❖ Galle | 1861 | 465 |
| ❖ Hambanthota | 2326 | 697 |
| ❖ Mathara | 2562 | 465 |
| Uva | 3013 | 3239 |
| ❖ Badulla | 1821 | 1533 |
| ❖ Monaragala | 1192 | 1706 |
| Western | 5103 | 4006 |
| ❖ Colombo | 436 | 604 |
| ❖ Gampaha | 2670 | 2049 |
| ❖ Kaluthara | 1997 | 1353 |
| Grand Total | 45707 | 30562 |

ANIMAL RABIES 2019, 2020 & 2021

(According to the MRI Reports)

| <i>Animal</i> | <i>2020</i> | | | <i>2021</i> | | | <i>2022</i> | | |
|------------------------------------|------------------|------------------|--------------|------------------|------------------|--------------|------------------|------------------|--------------|
| | <i>Positives</i> | <i>Negatives</i> | <i>Total</i> | <i>Positives</i> | <i>Negatives</i> | <i>Total</i> | <i>Positives</i> | <i>Negatives</i> | <i>Total</i> |
| Dog | 383 | 257 | 640 | 490 | 227 | 717 | 312 | | 560 |
| Cat | 43 | 274 | 317 | 54 | 424 | 478 | 48 | | 365 |
| Squirrel | 1 | 45 | 46 | - | 42 | 42 | | | 32 |
| Cow | - | - | - | 7 | - | 7 | 12 | | 13 |
| R/Mongoose | - | 2 | 2 | - | 3 | 3 | | | 02 |
| Rabbit | 2 | 10 | 12 | 1 | 15 | 16 | 01 | | 11 |
| Bat | - | - | - | - | 1 | 1 | | | - |
| Civet Cat | - | 1 | 1 | - | 2 | 2 | | | - |
| R/Squirrel | - | 3 | 3 | 1 | 3 | 4 | | | 05 |
| Hamster | - | 1 | 1 | - | 1 | 1 | | | - |
| Deer | - | - | - | - | - | - | 03 | | 11 |
| Monkey | - | 3 | 3 | - | 3 | 3 | | | 02 |
| Goat | - | 2 | 2 | 1 | 2 | 3 | | | 01 |
| Mongoose | - | 1 | 1 | - | 6 | 6 | | | - |
| G/Mongoose | - | 2 | 2 | - | 6 | 6 | | | 03 |
| Rat | - | 1 | 1 | - | - | - | | | 01 |
| Pole Cat | - | 2 | 2 | - | 1 | 1 | 01 | | 01 |
| Guinea Pig | - | - | - | - | 3 | 3 | | | 02 |
| Jackal | 27 | 2 | 29 | 4 | 1 | 5 | | | - |
| Sheep | - | - | - | 1 | - | 1 | | | - |
| Pig | - | - | - | - | - | - | | | 01 |
| Bandicoot | - | - | - | - | - | - | | | - |
| Horse | - | - | - | - | - | - | | | - |
| Total | 456 | 606 | 1062 | 559 | 740 | 1299 | 377 | 633 | 1010 |
| Total Positivity percentage | 42.93% | | | 42.93% | | | 37.32% | | |

Animal Rabies Positivity Percentage (Dogs & Cats)

| <i>Animal</i> | <i>2020</i> | | | <i>2021</i> | | | <i>2022</i> | | |
|----------------------------------|-----------------|-----------------|--------------|-----------------|-----------------|--------------|-----------------|-----------------|--------------|
| | <i>Positive</i> | <i>Negative</i> | <i>Total</i> | <i>Positive</i> | <i>Negative</i> | <i>Total</i> | <i>Positive</i> | <i>Negative</i> | <i>Total</i> |
| Dog | 383 | 257 | 640 | 490 | 227 | 717 | 312 | 248 | 560 |
| Dog Positivity Percentage | 59.84% | 40.15% | | 68.34% | 31.66% | | 55.71% | 44.29% | |
| Cat | 43 | 274 | 317 | 54 | 424 | 478 | 48 | 317 | 365 |
| Cat Positivity Percentage | 13.56% | 86.43% | | 11.29% | 88.71% | | 13.15% | 86.85% | |