

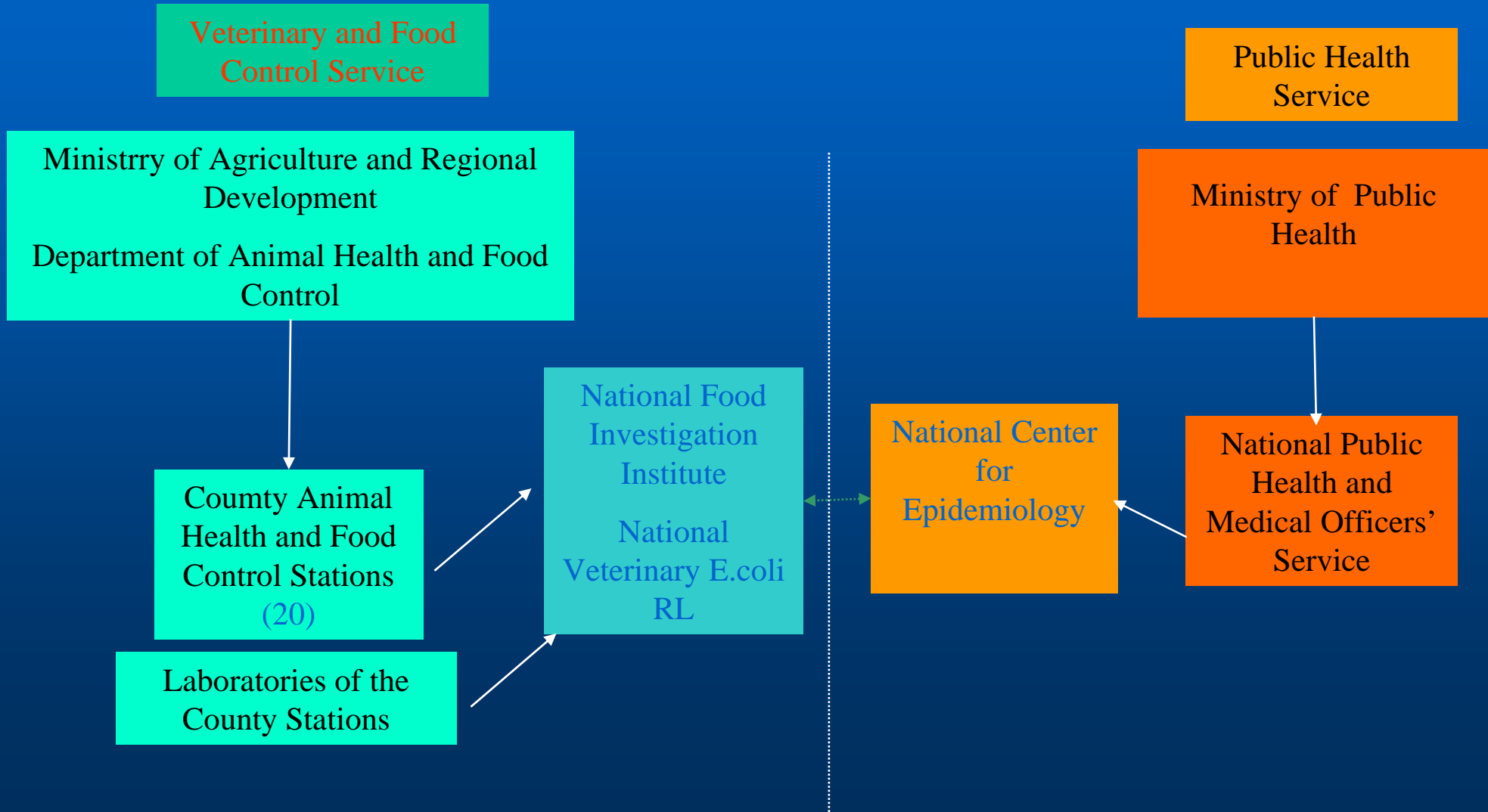
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Structure of the Official Food and Animal Feedingstuffs Control System in Hungary



Activity of the NRL *E. coli*

Epidemiological situation

Incidence is very low in Hungary, 7 human cases in 2004, (2 non-O157)

Prevalence in meat and raw milk samples is low as well, <0,05

Sampling is incorporated into the microbiological monitoring plan from March, 2005 (before this time: surveys on beef and raw milk supported by research foundations)

Sampling is performed by official veterinarians

At slaughterhouses :

- 260 beef samples

On the market:

- samples of 160 minced meat and meat preparation of beef origin

Methods:

- **EN ISO 16654. Immuno magnetic separation**
- **VIDAS immuno detection**
- **Isolation: CT SMAC agar**
- **Chromagar E. coli O157**
- **Agglutination: Oxoid latex agglutination test**
- **Toxin production: Denka Saiken reverse passive latex**
- **Merck: imuno-diffusion test**

Plans for the future: PCR method for VT1 , VT2, eae gens