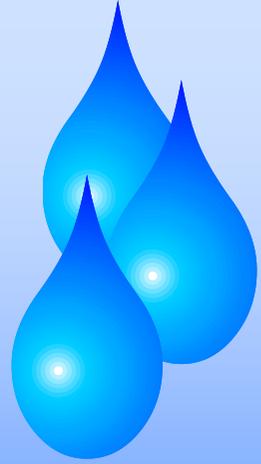


Utility of Geographical Information System (GIS)

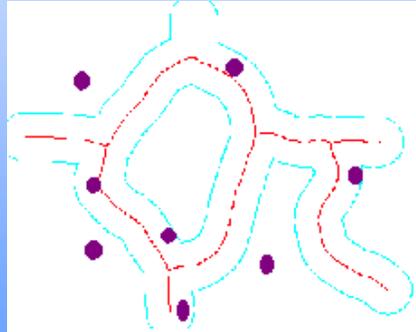
for

End Implementing Agencies (EIAs)

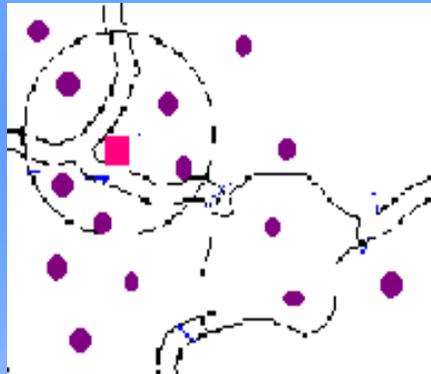
World Bank National Dairy Support Project (NDSP)/National Dairy Plan (NDP)



Utility of GIS in EIAs



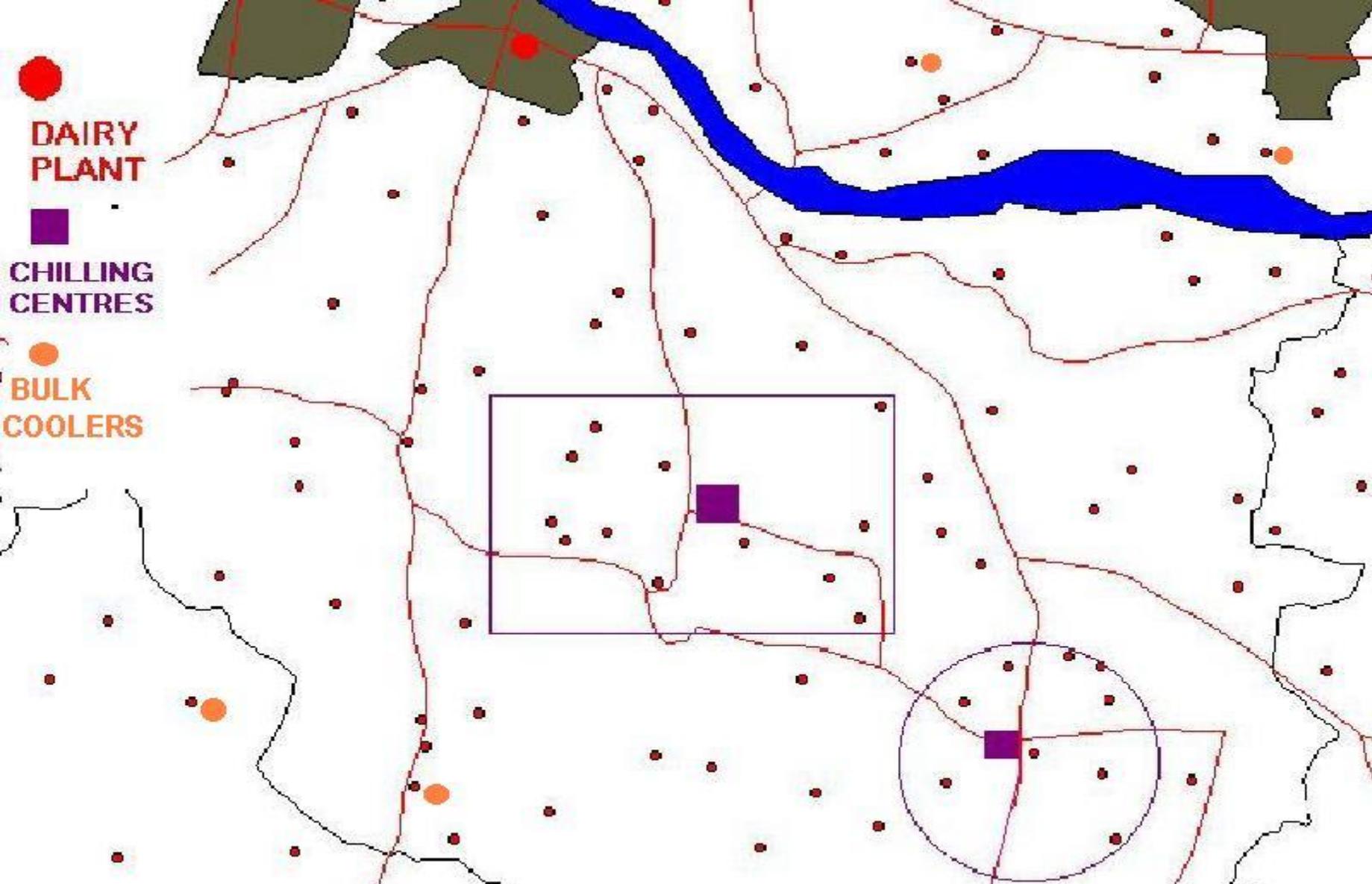
Which are the village dairy co-ops that lie within 2 Km of either side of this road ?



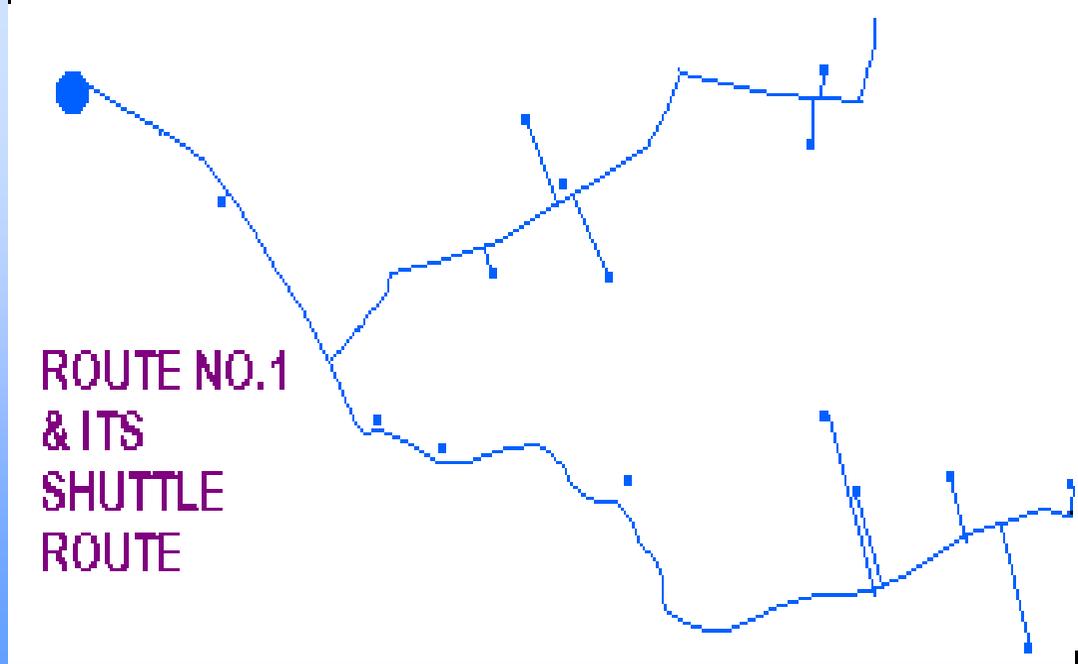
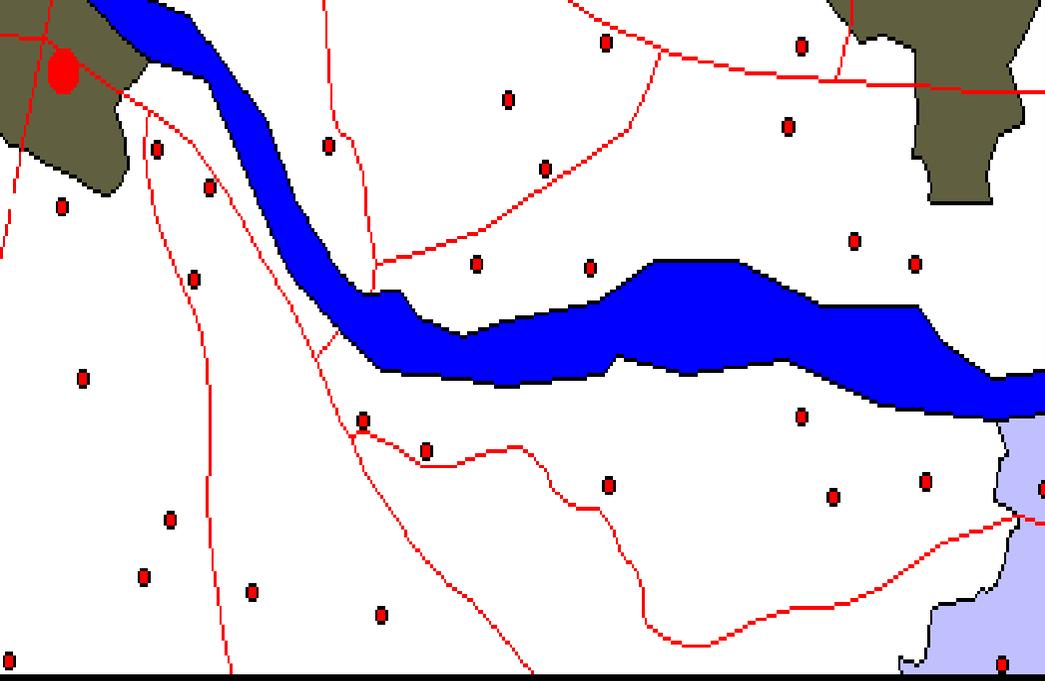
What is the total number of village dairy co-ops within 5 km of this Cluster Artificial Insemination (AI) Centre?



What proportion of identified Foot & Mouth Disease (FMD) cases lies within 10 Km of a suspected village (as source of infection)?

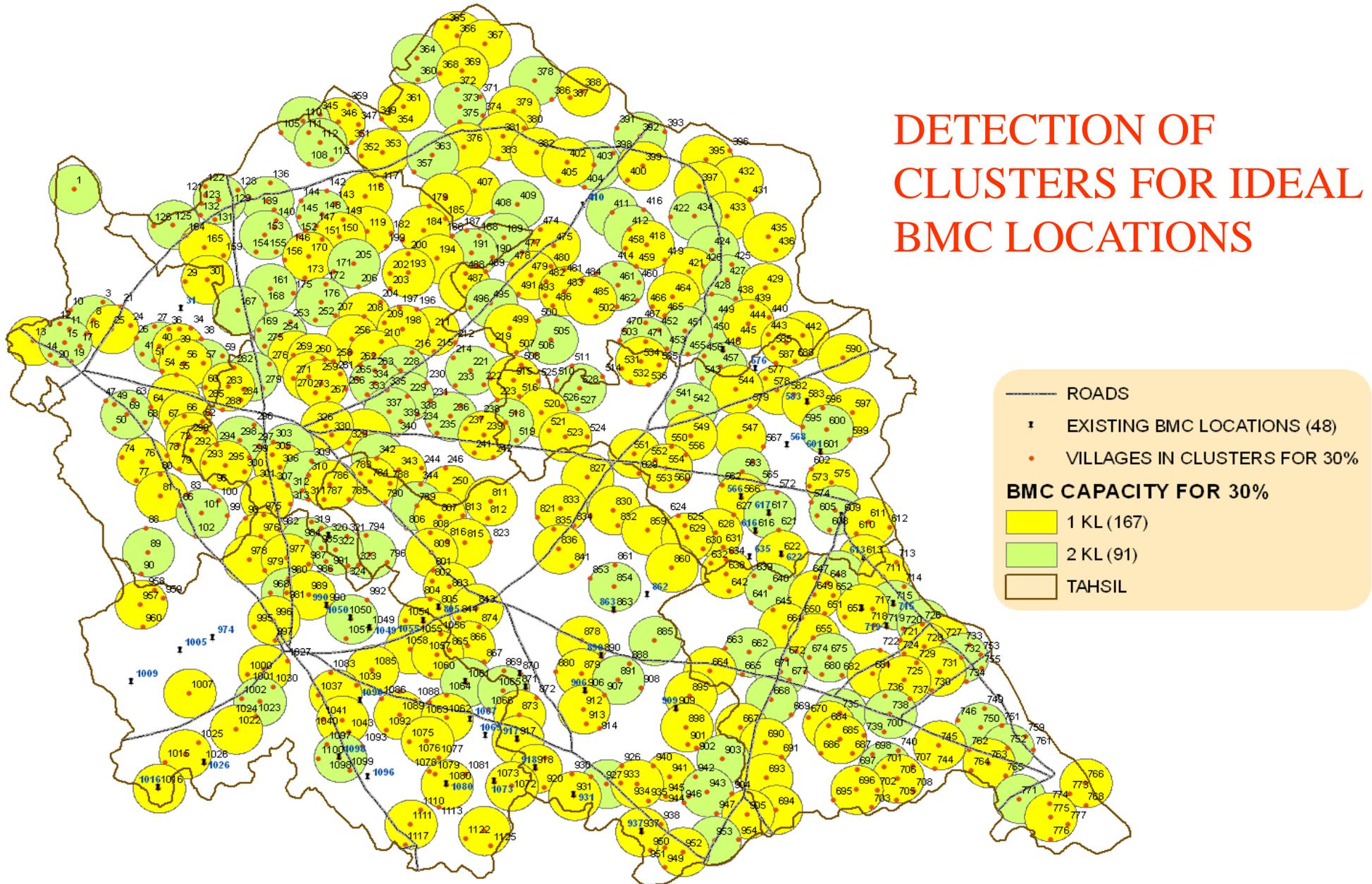


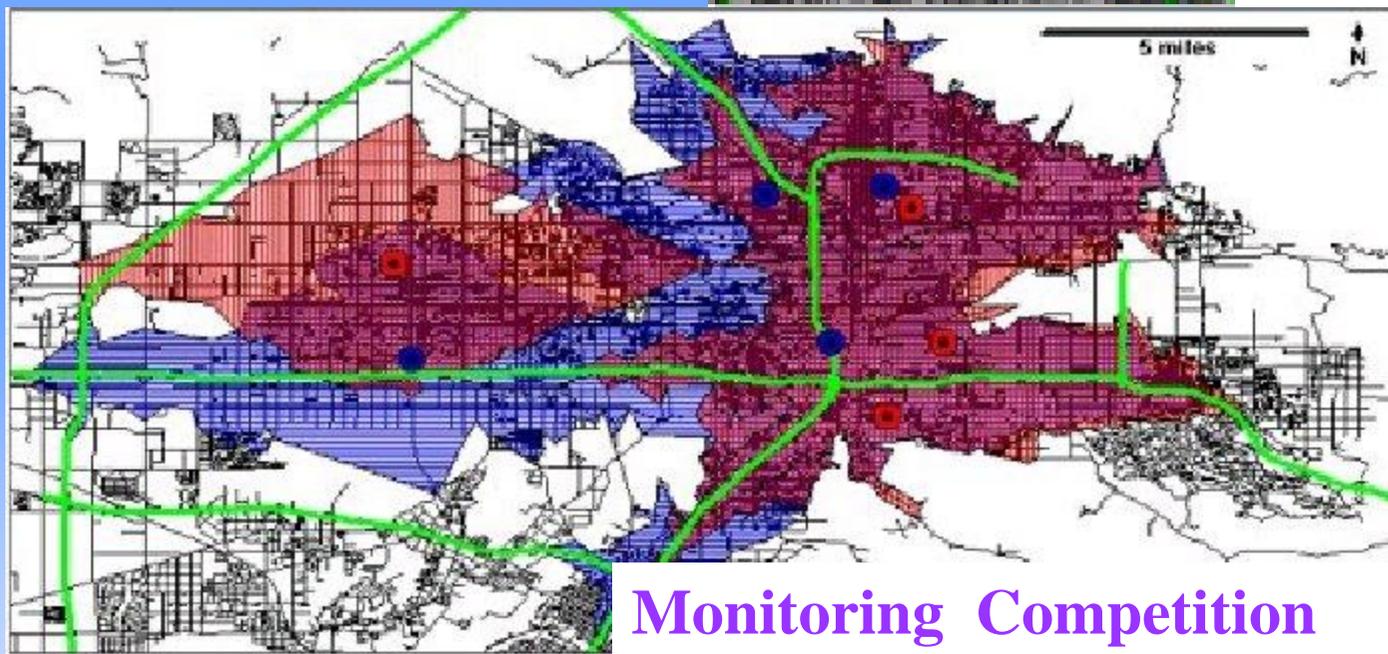
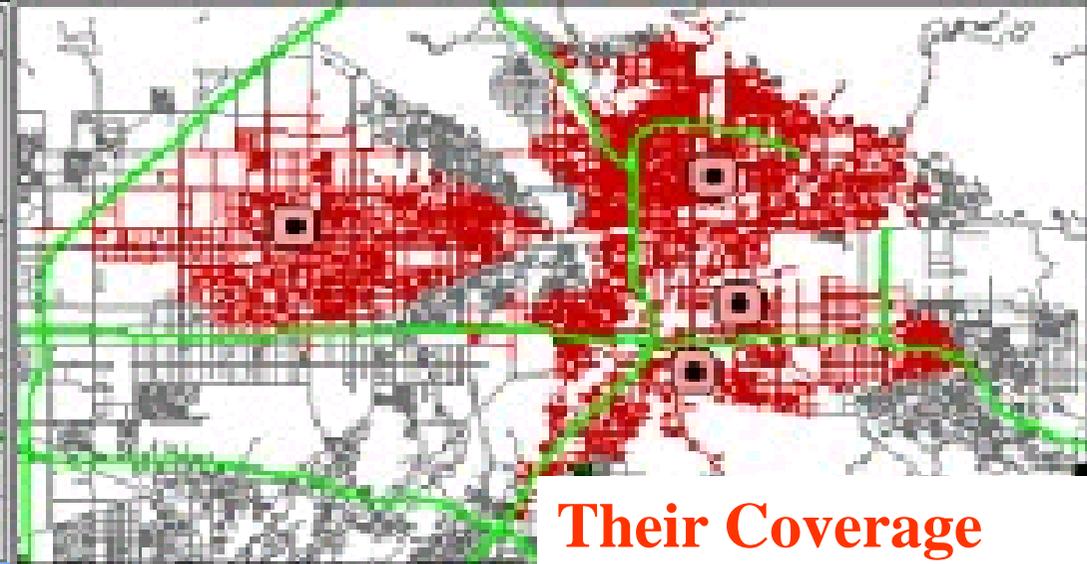
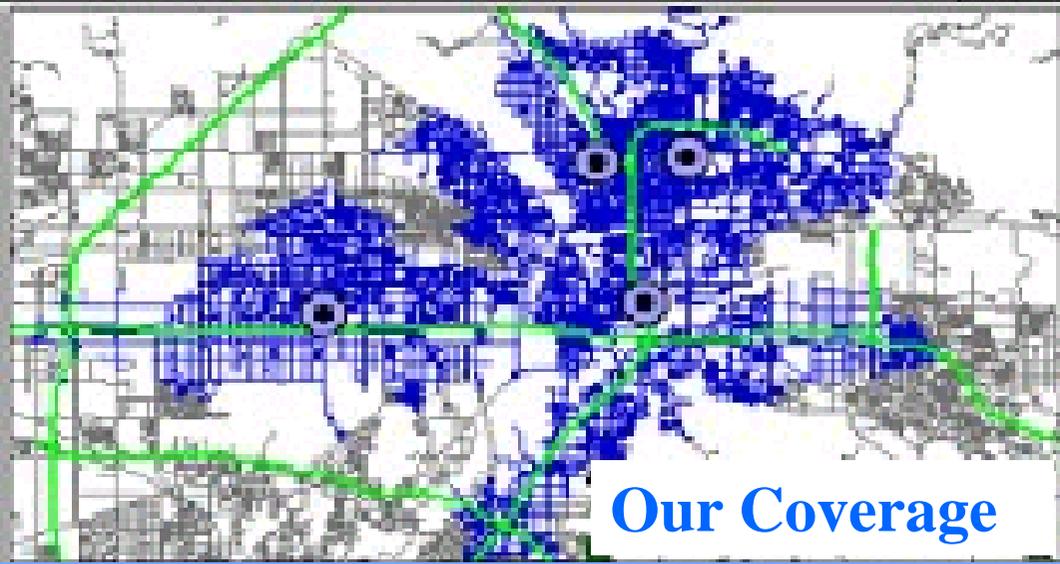
Where can the Bulk Milk Coolers (BMCs) or Artificial Insemination (AI) Centres be set up? Which village dairy co-ops can go for Bulk Coolers (minimum milk procurement levels of 1000 Litres/day)?



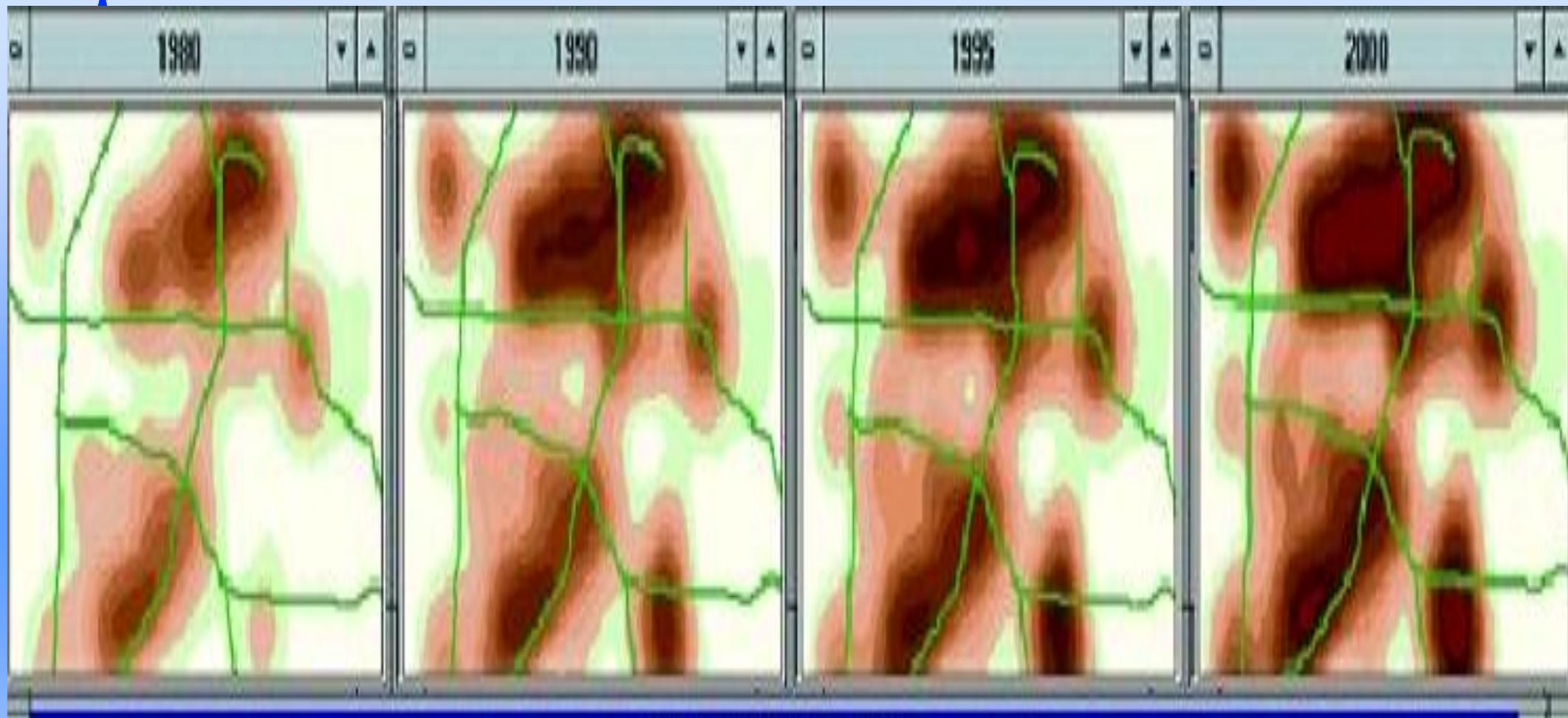
- Which are our milk procurement routes?
- Which are the BMCs in this route?
- What is the route wise performance?
- What is the total route kilometres?
- What would be the Litre/km of milk procurement, if we alter this route by adding/deleting some village dairy co-ops?

DETECTION OF CLUSTERS FOR IDEAL BMC LOCATIONS



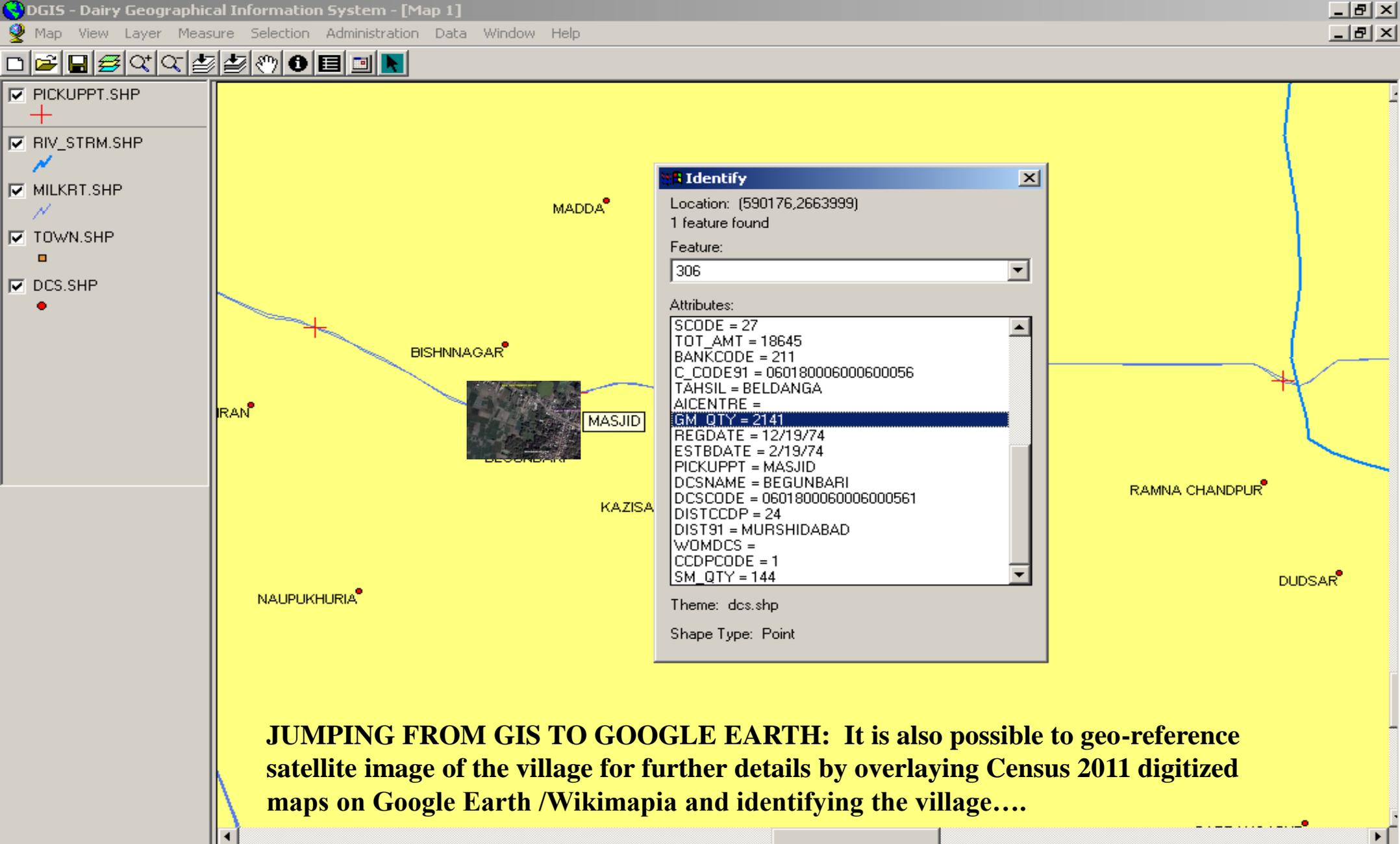


Visualising & Monitoring Competition at a glance : Check the milk procurement by the village dairy co-ops & its competitors from the same (overlapped) area. Also check the areas where there are no competitors for dairy co-ops and where there are no dairy co-ops.



Milk procurement or production density (Litres/Sq.km) comparison over the years- “time series” maps. This may also be drawn for monthly / quarterly comparison.

Why is the extent increasing/decreasing in some particular directions/locations?



Identify

Location: (590176,2663999)
1 feature found

Feature:
306

Attributes:

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TOT_AMT = 18645
BANKCODE = 211
C_CODE91 = 060180006000600056
TÀHSIL = BELDANGA
AICENTRE =
GM_QTY = 2141
REGDATE = 12/19/74
ESTBDATE = 2/19/74
PICKUPPT = MASJID
DCSNAME = BEGUNBARI
DCSCODE = 0601800060006000561
DISTCCDP = 24
DIST91 = MURSHIDABAD
WDMDCS =
CCDPCODE = 1
SM_QTY = 144

Theme: dcs.shp
Shape Type: Point

JUMPING FROM GIS TO GOOGLE EARTH: It is also possible to geo-reference satellite image of the village for further details by overlaying Census 2011 digitized maps on Google Earth /Wikimapia and identifying the village....

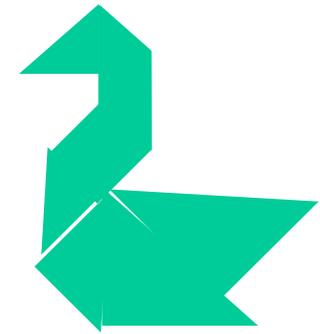
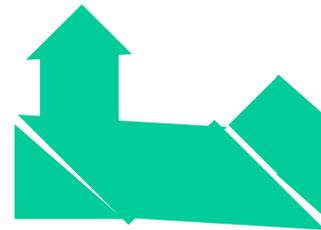
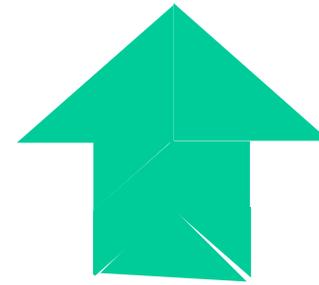
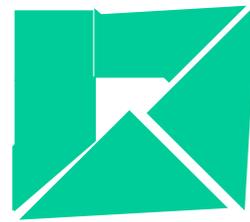
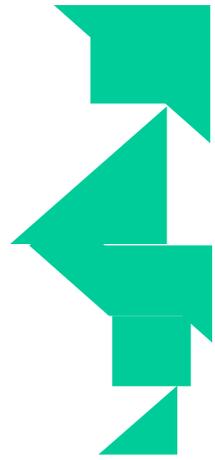
MILK PROCUREMENT ROUTE

MASJID PICKUPPOINT

BEGUNBARI VILLAGE

Scale 1 cm on map = 20 m on ground





Thank You !