

QGIS presentation

Webinar #2

African Swine Fever Cross Border Risk Assessment – South East Asia

World Organisation for Animal Health (OIE)/City University of Hong Kong (CityU)



Jockey Club College of Veterinary
Medicine and Life Sciences


香港城市大學
City University of Hong Kong
In collaboration with Cornell University



Untitled Project — QGIS

Project Edit View Layer Settings Plugins Vector Database

Navigation

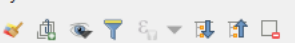


Project management

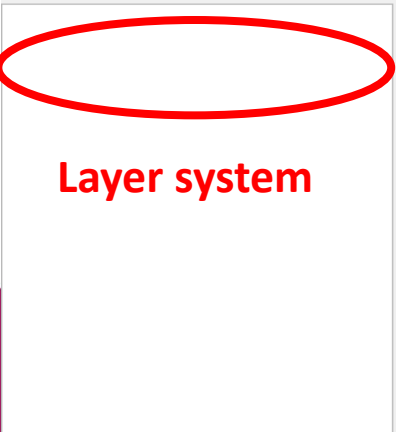
Browser

- ★ Favorites
- Spatial Bookmarks
- Home
- C:\
- GeoPackage
- SpatialLite
- PostGIS
- MSSQL
- Oracle
- DB2
- WMS/WMTS
- Vector Tiles
- XYZ Tiles
- WCS
- WFS / OGC API - Features

Layers



Layer system

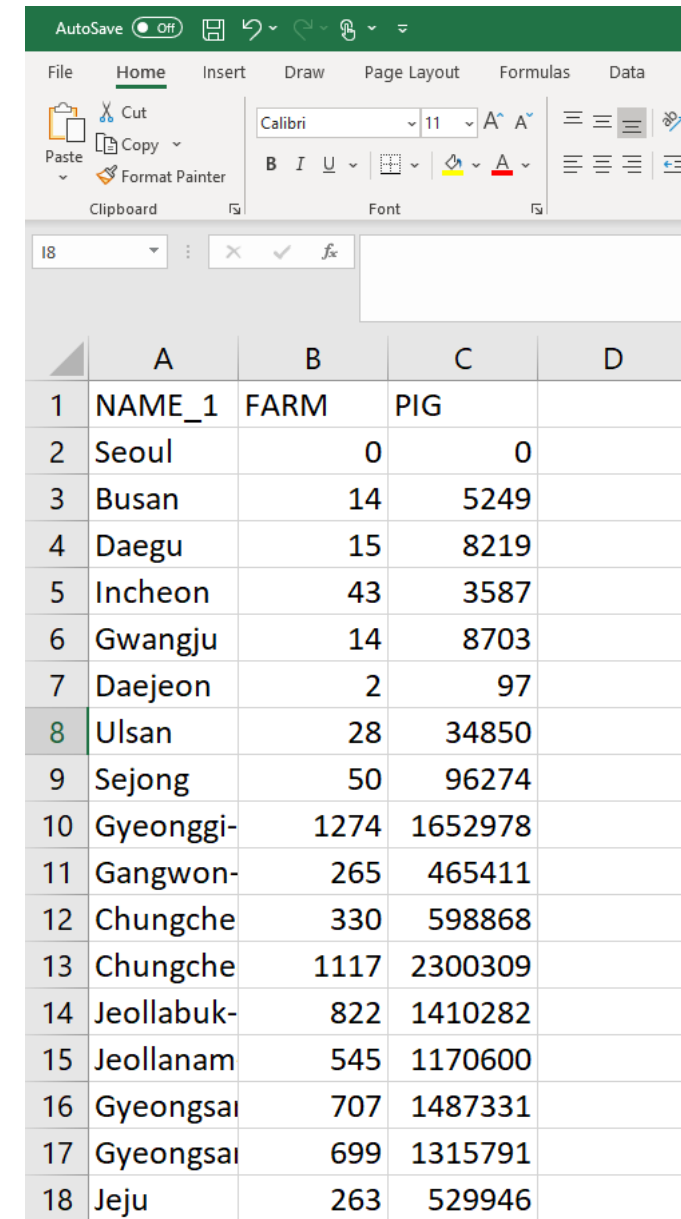


Map window



Storage data in QGIS

	Question 1: Presence of pigs	Question 2 Number of pigs	Question 3: Number of pig farms
Province 1			
Province 2			
Province 3			
Province 4			
Province 5			



	A	B	C	D
1	NAME_1	FARM	PIG	
2	Seoul	0	0	
3	Busan	14	5249	
4	Daegu	15	8219	
5	Incheon	43	3587	
6	Gwangju	14	8703	
7	Daejeon	2	97	
8	Ulsan	28	34850	
9	Sejong	50	96274	
10	Gyeonggi-	1274	1652978	
11	Gangwon-	265	465411	
12	Chungche	330	598868	
13	Chungche	1117	2300309	
14	Jeollabuk-	822	1410282	
15	Jeollanam	545	1170600	
16	Gyeongsai	707	1487331	
17	Gyeongsai	699	1315791	
18	Jeju	263	529946	



Production systems

- Extensive/backyard production system: family production, < 10-50 pigs, no biosecurity
- Semi-intensive production system: ~ 10-100 pigs, semi-confined, monitoring of health, biosecurity low to medium
- Intensive production system: Confined, > 100 pigs, biosecurity medium to high



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Questionnaire

A. Pig production

1	Whether there is pig raising/ keeping/ production activities in the province
2	Total number of pigs in the province
3	Total number of pig farms in the province
4	Average number of pigs in a farm in the province
5	No of farms engage in extensive/ backyard production system
6	No of pigs raised in extensive/backyard production system
7	No of farms engage in
8	No of pigs raised in semi-intensive production system
9	No of farms engage in intensive production system
10	No of pigs raised in intensive production system
11	No of farms engage in breeding activities
12	No of pigs in farms engage in breeding activities
13	No of farms engage in fattening activities
14	No of pigs in farms engage in fattening activities
15	No of farms engage in both breeding and fattening activities
16	No of pigs in farms engage in both breeding and fattening activities

B. Cross border value chain

1	The province engages in direct import of live pigs from countries across the border
2	The province engages in indirect import of live pigs from countries across the border
3	The province engages in direct export of live pigs to countries across the border
4	The province engages in indirect export of live pigs to countries across the border
5	The province engages in direct import of pig feed from countries across the border
6	The province engages in direct export of live pigs to countries across the border

C. Wild boar population

1	Presence of wild boar population in the province
2	Species of wild boar population in the province
3	Wild boar population density

