Organization of African Unity (OAU)
Interafrican Bureau for Animal Resources (IBAR)
Pan African programme for the Control of Epizootic (PACE)

PARIS – REPORTINGS FORMS AND VISUALISATION

Data Management Unit
Berhanu Bedane
August 2002

REPORT FORMS FOR PASSIVE SURVEILLANCE

1) The monthly OIE disease report (format attached as annex I).

2) Summary report at national (for country database) and continental (continental database) level on the number of outbreaks, cases, deaths, morbidity rate and mortality rate per disease, for a particular month and cumulative figure for the year. (Annex II and III respectively). This, as the name suggests, is the summary at country level or continental level, based on the type of database for the moment. It can be presented as well as details per 1st administrative level with country summary for each disease and in the same manner details per country and summary per continent for each disease. In this case an additional column for Region in country report and Country in continental report is required. Check charting facility for disease outbreak over a period of months or number of disease outbreaks for different diseases for a given month.

3) Summary of vaccination conducted by 1st administrative level for countries (Region, Province or District) for country database and countries for continental database, for a particular month and cumulative figure for the year. (Annex IV and V). Two issues here: The first is the above concept of details at 1st administrative level or country summarised by country or continent respectively is also valid here. Hence, inclusion of an addition column for Region or Country is required. The 2nd point is regarding the type of vaccination conducted. It can further display numbers of control vaccinations and prophylaxis vaccination with the sum of both as total (which is displayed now). Check export facility for number of vaccination per district to map vaccination coverage. Target population can be taken from SUSCEPTABLE column in most cases.

4) Spatial distribution of each of the outbreak by month by longitude and latitude. This is not a report, rather an intermediately result for export to GIS software for mapping monthly disease distribution. (Annex VI and VII).

5) List of districts failing to report during a particular month (for country database) and countries (for the continental database). This should follow with automatic issuing of a letter (or e-mail if possible) to remind that the monthly report was not received.

6) Disease ranking by the number of outbreaks, cases or deaths for certain geographical area (district, province, region or country) for country database and country, region or entire continent for the continental database for a particular month(s) and year(s). (Annex XI and XII). Disease ranking can be looked at from different angle and this is from *morbidity rate and mortality rate* angle. As a matter of fact, this is much more realistic as it includes the number of population at risk (Susceptible). Hence, two more columns for *morbidity rate and mortality rate* are required here. Similarly, the result of ranking, either by cases and deaths or by morbidity or mortality rate can be charted.

7) Quarterly summary reporting feeding an Epidemiological Newsletter (bulletin), which contains the following points:
   - Number of reports filed by each Districts (for country database) and countries (for continental database) during the quarter (expected number = 3 for each reporting unit). This should be in a format ready for export to GIS software for mapping. (Annex XIII and XIV) It is much more appropriate to deal with quantity, quality and timeliness of reporting here. Hence, in addition to the number of reports filed by districts or countries during the quarter (or half year), number rejected and number of those arrived late must be reported (number rejected during the quarter (or half year), number arrived during the quarter (or half year).

- Information described under points 2,3 and 4 above this time for a quarter, six month or a year. (Annex XV and XVI)

8) Performance Indicators (PI). These are different parameters gauging the functionality of the disease reporting system (passive surveillance) in quantitative way. The PI can be evaluated on monthly, quarterly and yearly basis. Hence, choice for running yearly, quarterly or monthly PI should be built in. The points under this heading include:
   - Number of reports received (at Department of Veterinary Services (DVS) for country database) or PACE/IBAR (for continental database) versus the expected number. The later being the number of reporting units (districts supposed to file report on monthly basis) in the country.
   - Proportion of reports submitted but rejected due to poor quality [No facility created in the data sheet for capturing the number of poor quality & rejected reports] Now created and supplied.
   - Proportion of outbreaks supported by laboratory investigation. This will be picked from *BASE FOR DIAGNOSIS* column and when the value is *LABORATORY*
   - Number of days elapsed between disease occurrence and reporting to local veterinary staff.
   - Number of days elapsed between receiving reports from stockowners or other informants and outbreak investigation.
   - Number of days elapsed between outbreak investigation and sampling and obtaining laboratory results for final diagnosis.
   - Number of days elapsed between filing monthly disease report at district and receiving it at DVS.
   - Number of days elapsed between filing monthly disease report at DVS and receiving it at PACE/IBAR.

To enhance the presentation and readability of this report, only the parameters to evaluate can be displayed along with the evaluation shade and avoid the actual value of the parameter. e.g. Instead of having the reporting rate % and the evaluation columns, only retain one column with reporting rate evaluation with an adjacent box shaded with the corresponding evaluation colour. It would be handy if the value of the parameter (the actual figure achieved) is displayed by hovering the mouse on the evaluation box.

MONTHLY ANIMAL HEALTH STATUS REPORT (Sheet 1 of 3)

Report for the month: _____ (mmm/yy)

1. _____ Report Date (dd/mmm/yy) 2. _____ Country

3. _____ Name of Sender

4. _____ Address

5. _____ Position

6. _____ Telephone Number 7. _____ Fax number

8. _____ EMail number

Disease	Status	No. new Outbreaks in month	Total no. outbreaks in month	Species Code	Number of animals in outbreaks during the month				
					susceptible	cases	deaths	destroyed	Slaughtered
9	10	11	12	13	14	15	16	17	18
Foot and mouth disease (A010)				bov buf ovi cap sui cml fau					
Virus types identified:		__0 (A011) __SAT 2 (A015)		__ A (A012) __ SAT 3 (A016)		__ C (A103) __ Asia (A017)		__ SAT 1 (A014) __ Not typed (A018)	
Vesicular stomatitis				bov buf ovi cap sui cml fau					
Virus types identified:		__Indian (A021)		__New Jersey (A022)		__Not typed (A023			
Swine vesicular disease A030				Sui					
Rinderpest A040				bov buf avi cap					
Peste des petits ruminants A050				ovi cap					
Contagious bovine pleuropneumonia A060				bov					
Lumpy skin disease A070				bov					

MONTHLY ANIMAL HEALTH STATUS REPORT (Sheet 2 of 3)

Report for the month: _____ (mmm/yy)

1. _____ Report Date (dd/mmm/yy) 2. _____ Country

Disease	Status	No. new Outbreaks in month	Total no. outbreaks in month	Species Code	Number of animals in outbreaks during the month				
					susceptible	cases	deaths	destroyed	Slaughtered
9	10	11	12	13	14	15	16	17	18
Foot and mouth A080				bov avi					
Bluetongue A090				avi					
Sheep pox and goat pox A100				avi cap					
African horse sickness A110				equ					
African swine fever A120				sui					
Classical swine fever A130				sui fau					
Highly pathogenic avian influenza A150				avi					
Newcastle disease				avi					
Strains characterised:	___velogenic (A161)			___mesagenic (A162)		___lentogenic (A163)		___not characterised (A164)	

List B and other diseases (only in exceptional circumstances)

9	10	11	12	13	14	15	16	17	18

MONTHLY ANIMAL HEALTH STATUS REPORT (Sheet 3 of 3)

Report for the month: _____ (mmm/yy)

1. _____ Report Date (dd/mmm/yy) 2. _____ Country

Disease	Location	For each location	
		No. of new outbreaks in month	Total No. of outbreaks in month
19	**20**	**21**	**22**

Annex II Country summary of Monthly disease occurrence

Logo

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Summary of disease occurrence

Month | Year | Date report compiled

Region

		This Month					Since the beginning of the year				
No.	Disease	New Outbreaks	Cases	Deaths	Morbidity %	Mortality %	New Outbreaks	Cases	Deaths	Morbidity %	Morta

Annex III Continental summary of Monthly disease occurrence

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Pan African Programme for the Control of Epizootics
Panafrican Animal Resources Information System

P

Summary of disease occurrence

Month | Year | Date report compiled | Data Management Uni

Country

		This Month					Since the beginning of the yea				
No.	Disease	New Outbreaks	Cases	Deaths	Morbidity %	Mortality %	New Outbreaks	Cases	Deaths	Morbidity %	M

Annex IV Vaccination Report for countries

Logo

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Monthly vaccination report

Month _____ Year _____ Date report compiled _____

Region

No.	Disease	Number vaccinated this month	Number vaccinated since the beginning of the y

Annex V Vaccination Report for continental programme

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Pan African Programme for the Control of Epizootics
Panafrican Animal Resources Information System

F

Monthly vaccination report

Month _____ Date report compiled _____ Data Management Unit

C

Country

No.	Disease	Number vaccinated this month	Number vaccinated since the beginning of the year

Annex VI Intermediate result for mapping disease mapping (Country Database)

Logo

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Intermidiate result for mapping disease distribution

Month _____ Year _____ Date report compiled

		Location of outbreak this month		Location of outbreak since the beginning of the year	
No.	Disease	Longitude	Latitude	Longitude	Latitude

Annex VII Intermediate result for mapping disease mapping (Continental Database)

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Pan African Programme for the Control of Epizootics
Panafrican Animal Resources Information System

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Intermidiate result for mapping disease distribution

Month _____ Year _____ Date report compiled

		Location of outbreak this month		Location of outbreak since the beginning of the year	
No.	Disease	Longitude	Latitude	Longitude	Latitude

Annex VIII List of districts not filing report each month (Country database)

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Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

List of Districts not filing report this month

Month _____ Year Date report compiled

Region	Province	District	Arrears this year

Annex IX List of countries not filing report each month (Continental database)

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Pan African Programme for the Control of Epizootics
Panafrican Animal Resources Information System

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List of Countries not filing report this month

Month _____ Year Date report compiled _____

No.	Country	Arrears this year

Annex X Automated letter to districts or any appropriate administrative level (country database) and to countries (continental database).

Ref. No.

To .....
XXXXXX

This is to remind you that the monthly disease report for the month of "X" was not received as agreed on ..... Please send this and any pending report to ~~of~~ our office as soon as possible.

Regards.
Mr XXXXXXX

Annex XI Disease Ranking (country database).

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Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Disease Ranking

No.	Disease	Geographical Feature	Month	Year	Number of Outbreaks	Cases	Deaths

Annex XII Disease Ranking (continental database).

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Pan African Programme for the Control of Epizootics
Panafrican Animal Resources Information System

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Disease Ranking

No.	Disease	Geographical Feature	Month	Year	Number of Outbreaks	Cases	Deaths

Remarks: *Under geographical feature facilities for selecting area of interest as district, province, region, country or group of countries is needed. Same for month and year a single month or year or a period between x and y is desirable. Finally, the ranking should be by number of outbreak or cases or deaths in ascending or descending order.*

Annex XIII Number of reports received from districts during a given quarter (6 month or year) Country database.

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Ministry of Agriculture and Livestock
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Department of Veterinary Services

Intermidiate result for mapping reporting coverage

Quarter _____ Year _____

District	Number of Reports received this quarter

Annex XIV Number of reports received from countries during a given quarter (6 month or year) Continental database.

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Panafrican Animal Resources Information System
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Intermidiate result for mapping reporting coverage

Quarter _____ Year _____

Country	Number of Reports received this quarter

Remarks: Searching by quarter, six months or year is highly desirable.

Annex XV Country summary of disease occurrence per quarter (six month or yearly)

Same as annex II above but sorted for quarter, six month of yearly.

Annex XVI Continental summary of disease occurrence per quarter (six month or yearly)

Same as annex III above but sorted for quarter, six month of yearly.

nnex XVII Performance Indicators for disease reporting country database

Graphics representation

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Performance Indicators

Year Date report compiled

Reflects timeliness

e	District	Reporting rate	Status	% Reports rejected	Status	% Confirmed by Lab	Status	Ave. days of farmers reporitng	Status	Ave. days of OB investigation	Status	Ave. days for definetive diagnosis	Status	Ave. days to report to DVS	Statu

nnex XVIII Performance Indicators for disease reporting continental database

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Pan African Programme for the Control of Epizootics
Panafrican Animal Resources Information System

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Performance Indicators

Year Date report compiled

orting	Status	% Reports rejected	Status	% Confirmed by Lab	Status	Ave. days of farmers reporitng	Status	Ave. days of OB investigation	Status	Ave. days for definetive diagnosis	Status	Ave. days to report to IBAR	Status

Remark: *The optimum figures (targets to achieve) for each indicator, like the example in the table below, should be set and entered by each country in the database. The status beside each indicator is the comparison of these optimum figures with what has been achieved during the period under consideration. The status will be shaded red if the indicator is below optimum and green if it has been achieved or above target figure.*

Optimum figures for Performance Indicators

eporting ıte	% Reports rejected	% Confirmed by Lab	Ave. days of farmers reporitng	Ave. days of OB investigation	Ave. days for definetive diagnosis	Ave. days to report to DVS	Ave. days to report to IBAR
80%	3%	50%	3	2	5	10	

Remarks on Meat Inspection Reporting –

1) The 4th column of the first report form on the number of slaughter houses reporting need to be split into 2: Total number of slaughterhouses and Those reporting this month.
2) The reporting form on Major Lesion is detailed here per Region or Country. It is handy to have a Country and Continental summary as well.
3) An automated letter to those failing to file meat inspection report is needed.

MEAT INSPECTION REPORTING FORMATS

Country Database

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Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Meat inspection report

Number of animals inspected and slaughtered

Date report compiled

lonth	Year	Region	No. of slaughter houses reporting	Species	Number inspected	Number rejected at ante-mortem	Proportion rejected	Main reasons for rejection	No. of pregnai animals detec

Continental database

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Pan African Programme for the Control of Epizootics
Panafrican Animal Resources Information System

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Meat inspection report

Number of animals inspected and slaughtered

Date report compiled

Month	Year	Country	No. of slaughter houses reporting	Species	Number inspected	Number rejected at ante-mortem	Proportion rejected	Main reasons for rejection	No. of pregr animals det

Country Database

Logo

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Meat inspection report

Major types of lesions affecting organs and causing their condemnation

Date report compiled

Month	Year	Region	Species	Type of lesion	Organ/part inspected	Number inspected	Number affected	Proportion affected	Number condemned	Proportio condemr

Continental database

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Pan African Programme for the Control of Epizootics
Panafrican Animal Resources Information System

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Meat inspection report

Major types of lesions affecting organs and causing their condemnation

Date report compiled

Month	Year	Country	Species	Type of lesion	Organ/part inspected	Number inspected	Number affected	Proportion affected	Number condemned	Pro con

Country Database

Logo

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Meat inspection report

Economic losses incurred due to condemination of organs

Date report compiled

Month	Year	Region	Species	Type of lesion	Organ/part condemned	Number condemned	Price of each organ/part	Total loss

Continental database

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Panafrican Animal Resources Information System

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Economic losses incurred due to condemination of organs

Date report compiled

Month	Year	Country	Species	Type of lesion	Organ/part condemned	Number condemned	Price of each organ/part	Total loss

Country Database

Logo

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Ministry of Agriculture and Livestock
Department of Veterinary Services

Meat inspection report

Report monitoring

Date report compiled

Month	Year	Region	No. of slaughter houses	Number reporting	Proportion reporting	Ave. days between filing report & receiving at DVS

Continental database

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Panafrican Animal Resources Information System

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Meat inspection report

Report monitoring

Date report compiled

Month	Year	Country	No. of slaughter houses	Number reporting	Proportion reporting	Ave. days between filing report & receiving at IBAR

Comments on Rinderpest active surveillance - 1) In questionnaire/clinical surveillance sero-surveillance and wildlife surveillance, there is a need of zooming down to those positive cases/herds to see the detailed situation. Contrary to what has been suggested in the summary report forms, mapping is only possible from the detailed report forms presented on pages 22 and 23.
Consider also the inclusion of in-herd and between herds sero-prevalence rate for RP Sero

ACTIVE DISEASE SURVEILLANCE REPORT FORMS

Country Database

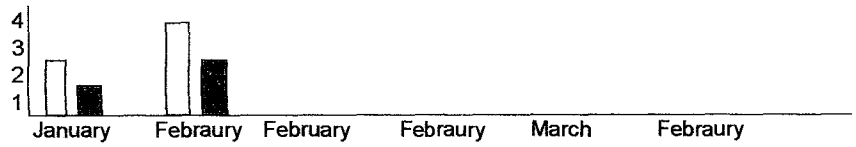
Logo

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Rinderpest active surveillance reporting form
Summary of Disease search and clinical surveillance

lonth [ ] Year [ ] Date report compiled [ ]

	Surveillance Posts		No. of herds to cover by Questionnaire/Clinical surveillance					Number Stomatitis-Enteritis cases		
egion	Functional	Reporting this month	Planned this year	Planned for this month	Conducted this month	Conducted till now	Detected this month	Confirmed as rinderpest	Confirmed as other diseases	Lost v follow
Total										



Graph: Number of S-E cases and those confirmed as rinderpest per month

Rinderpest
S-E

Map: Distribution of S-E cases and those confirmed as rinderpest (to be extracted as intermediate result ready for mappin

a) This month

b) Since the beginning of the year

Continental database

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Pan African Programme for the Control of Epizootics
Panafrican Animal Resources Information System

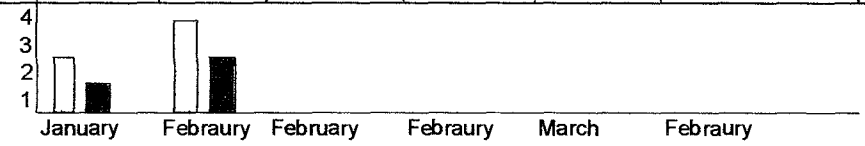
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Rinderpest active surveillance reporting form

Summary of Disease search and clinical surveillance

Month | Year | Date report compiled

	Surveillance Posts		No. of herds to cover by Questionnaire/Clinical surveillance					Number Stomatitis-Enteritis cas		
Country	Functional	Reporting this month	Planned this year	Planned for this month	Conducted this month	Conducted till now	Detected this month	Confirmed as rinderpest	Confirmed as other diseases	Los foll
Total										



Graph: Number of S-E cases and those confirmed as rinderpest per month

Rinderpest
S-E

Map: Distribution of S-E cases and those confirmed as rinderpest (to be extracted as intermediate result ready for mappin

a) This month

b) Since the beginning of the year

Country Database

Logo

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Rinderpest active surveillance reporting form
Summary of sero-surveillance

Month [ ] Year [ ] Date report compiled [ ]

Region	Planned number of sampling sites and sera to collect				Covered sites and collected sera				Rinderpest sero-p	
	Planned this year		Planned for this month		Covered/collected this month		Covered/collected this month		This month	Since
	Sampling site	No. of Sera	Sampling site	No. of Sera	Sampling site	No. of Sera	Sampling site	No. of Sera	%	of this
Total										

Map: Distribution of areas from where serum is collected and those turned to be positive for rinderpest antibody.

a) This month

b) Since the beginning of the year

Continental database

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Panafrican Animal Resources Information System

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Rinderpest active surveillance reporting form
Summary of sero-surveillance

Country	Planned number of sampling sites and sera to collect				Covered sites and collected sera				Rinderpest sero-	
	Planned this year		Planned for this month		Covered/collected this month		Covered/collected this month		This month	Sinc
	Sampling site	No. of Sera	Sampling site	No. of Sera	Sampling site	No. of Sera	Sampling site	No. of Sera	%	of thi
Total										

Country Database

Logo

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Rinderpest active surveillance reporting form
Summary of Wildlife surveillance

Month [ ] Year [ ] Date report compiled [ ]

			Clinical surveillance				Serological surveillanc	
Region	National Park/game reserve	Species	S-E cases Detected	Confirmed RP cases	Confirmed as other diseases	Lost without investigation	Number of sera collected	Rinde seropı
Total								

Map: Distribution of wildlife S-E cases and those confirmed as rinderpest (to be extracted as intermediate result ready for mapp

Continental database

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Rinderpest active surveillance reporting form
Summary of Wildlife surveillance

Month [ ] Year [ ] Date report compiled [ ]

			Clinical surveillance				Serological surveillanc	
Country	National Park/game reserve	Species	S-E cases Detected	Confirmed RP cases	Confirmed as other diseases	Lost without investigation	Number of sera collected	Rinde serop
Total								

Map: Distribution of wildlife S-E cases and those confirmed as rinderpest (to be extracted as intermediate result ready for mapp

Country Database

Logo

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Rinderpest active surveillance reporting form

Details of herds where S-E cases were found by clinical surveillance (Cattle and Wildlife)

Month ____ Year ____ Date report compiled ____

Location of S-E cases detected				Details of affected herd						Sample	
Region	Name of location	Longitude	Latitude	Species	Mobile/Sedentary	Susceptable	Age Years	Cases	Deaths	collected?	D
							1 - 2				
							2 - 3				
							3 - 4				
							Above 4				

Map: Distribution of S-E cases and those confirmed by laboratory (to be extracted as intermediate result ready for mapping)

Continental database

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Panafrican Animal Resources Information System

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Rinderpest active surveillance reporting form

Details of herds where S-E cases were found by clinical surveillance (Cattle and Wildlife)

Month ____ Year ____ Date report compiled ____

Location of S-E cases detected				Details of affected herd						Sample	
Country	Name of location	Longitude	Latitude	Species	Mobile/Sedentary	Susceptable	Age Years	Cases	Deaths	collected?	D
							1 - 2				
							2 - 3				
							3 - 4				
							Above 4				

Map: Distribution of S-E cases and those confirmed by laboratory (to be extracted as intermediate result ready for mapping)

Country Database

ɔgo

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Rinderpest active surveillance reporting form
Details of rinderpest sero-positive herds (Cattle and Wildlife)

ɔnth Year Date report compiled

Location of RP sero-positive herds				Details of affected herd			Number	Number	Sero-pre
egion	Name of location	Longitude	Latitude	Species	Mobile/Sedentary	Age Years	sampled	sero-positive	rate
						1 - 2			
						2 - 3			
						3 - 4			
						Above 4			

ap: Distribution of S-E cases and those confirmed by laboratory (to be extracted as intermediate result ready for mapping)

Continental database

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Pan African Programme for the Control of Epizootics
Panafrican Animal Resources Information System

PACE logo

Rinderpest active surveillance reporting form
Details of rinderpest sero-positive herds (Cattle and Wildlife)

onth Year Date report compiled

Location of RP sero-positive herds				Details of affected herd			Number	Number	Sero-pre
ountry	Name of location	Longitude	Latitude	Species	Mobile/Sedentary	Age Years	sampled	sero-positive	rate
						1 - 2			
						2 - 3			
						3 - 4			
						Above 4			

lap: Distribution of S-E cases and those confirmed by laboratory (to be extracted as intermediate result ready for mapping)

Country Database

Logo

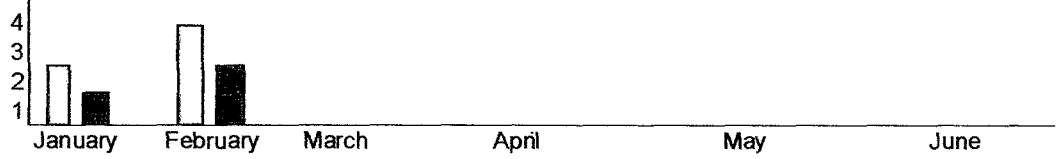
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Ministry of Agriculture and Livestock
Department of Veterinary Services

CBPP active surveillance reporting form

Clinical surveillance

lonth [ ] Year [ ] Date report compiled [ ]

	Surveillance Posts		No. of herds to cover by Questionnaire/Clinical surveillance				Number CBPP cases detec		
egion	Functional	Reporting this month	Planned this year	Planned for this month	Conducted this month	Conducted till now	Totally suspected	Confirmed as CBPP	Pre rate
Total									



Graph: Number of CBPP suspected cases and later confirmed as CBPP per month

Confirmed
Suspected

lap: Distribution of CBPP suspected cases and those confirmed later (to be extracted as intermediate result ready for mapping
) This month
) Since the beginning of the year

Continental database

AU logo

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Pan African Programme for the Control of Epizootics
Panafrican Animal Resources Information System

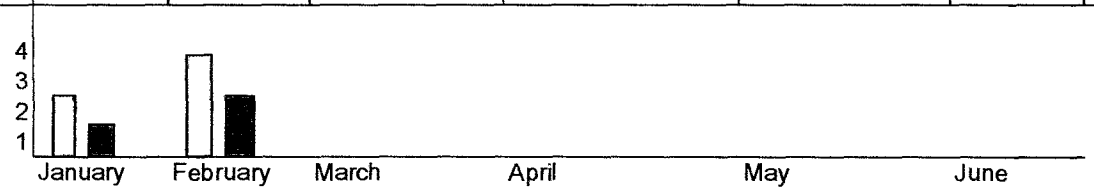
PACE logo

CBPP active surveillance reporting form

Clinical surveillance

Month [ ] Year [ ] Date report compiled [ ]

	Surveillance Posts		No. of herds to cover by Questionnaire/Clinical surveillance				Number CBPP cases c	
Country	Functional	Reporting this month	Planned this year	Planned for this month	Conducted this month	Conducted till now	Totally suspected	Confirmed as CBPP
Total								



Graph: Number of CBPP suspected cases and later confirmed as CBPP per month

Confirmed
Suspected

Map: Distribution of CBPP suspected cases and those confirmed later (to be extracted as intermediate result ready for map

i) This month

ii) Since the beginning of the year

Country Database

Logo

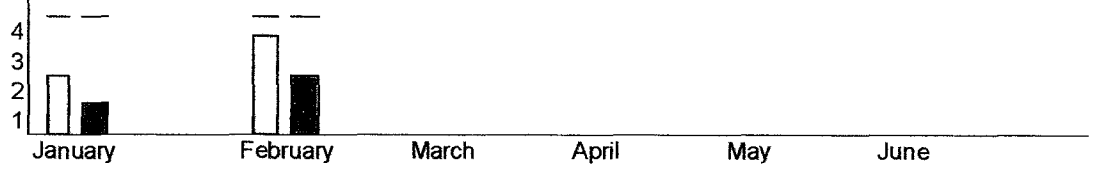
Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

CBPP active surveillance reporting form

Summary abattoir surveillance

nth | Year | Date report compiled

	Abattoir/Slaughtering house		Number CBPP cases detected					
gion	Number Surveillaning	Reporting this month	suspected this month	Confirmed as CBPP	Prevalence rate %	Susupected up to now	Confirmed as CBPP this year	Prevalenc rate % so
Total								



Graph: Number of CBPP suspected cases and later confirmed as CBPP per month

Confirmed
Suspected

p: Distribution of CBPP suspected cases and those confirmed later (to be extracted as intermediate result ready for mapping)
This month
Since the beginning of the year

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Panafrican Animal Resources Information System

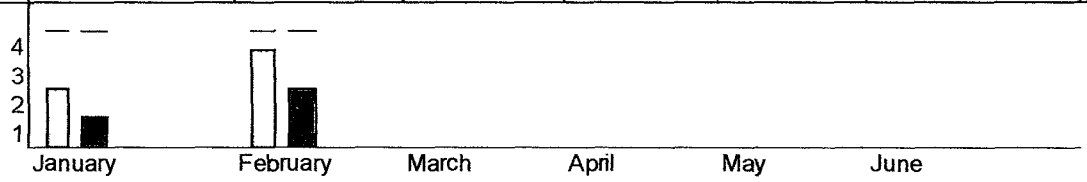
PACE

CBPP active surveillance reporting form

Summary abattoir surveillance

Month | Year | Date report compiled

	Abattoir/Slaughtering house		Number CBPP cases detected					
Country	Number Surveillaning	Reporting this month	suspected this month	Confirmed as CBPP	Prevalence rate %	Susupected up to now	Confirmed as CBPP this year	Preval rate %
Total								



Graph: Number of CBPP suspected cases and later confirmed as CBPP per month

Confir
Suspe

Map: Distribution of CBPP suspected cases and those confirmed later (to be extracted as intermediate result ready for mappin
a) This month
b) Since the beginning of the year

CBPP SERO-SURVEILLANCE BOTH FOR COUNTRY AND CONTINENTAL DATABASE MISSING

THE X AXIS OF THE MAPS FOR CBPP MAPPING ARE LABELED WRONGLY, (THE SEQUENCE OF MONTHS)

Comments on PPR Active Surveillance reporting forms

The current forms (pages 29 – 32 [page 31 is jumped during formatting]) combine both the summary and details of clinical and serological surveillance of PPR. Hence, there is a need to substitute them with those on pages (34 – 39). The same concept (as rinderpest active surveillance) of zooming down to PPR cases and PPR sero-positive flocks applies here.

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Department of Veterinary Services

Peste des Petit Ruminants active surveillance reporting form

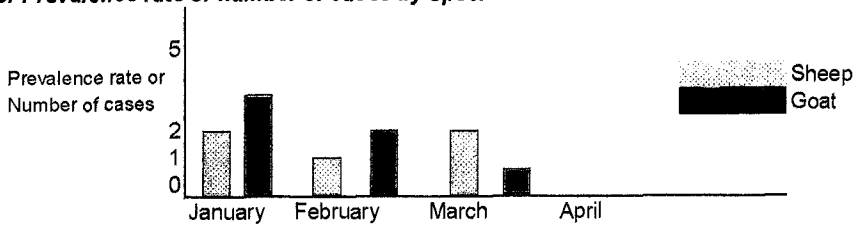
Summary of clinical surveillance

Year Date report compiled

Number of Surveillance Posts		Number of flocks to be surveyed				Number of Animals per species			Number of clinical cases, those confirmed as PI			
Established	Reporting this month	Planned this year	Planned for this month	Surveyed this month	Surveyed till now	Age in months	No. surveyed this month	No. Surveyed till now	Cases this month	Confirmed this month	Prevalence this month	Cases till now
						0 - 6						
						7 - 12						
						13 - 18						
						>18						
						0 - 6						
						7 - 12						
						13 - 18						
						>18						

of PPR cases and those confirmed by laboratory (to be extracted as intermediate result ready for mapping)

ning of the year
th and Y axis either Prevalence rate or number of cases by species



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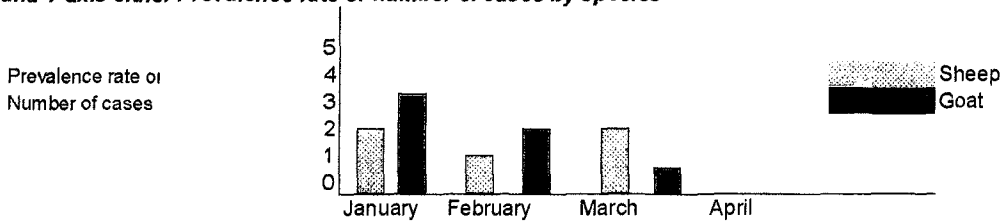
Peste des Petit Ruminants active surveillance reporting form

Summary of clinical surveillance

Year Date report compiled

y	Species	Number of Surveillance Posts		Number of flocks to be surveyed				Number of Animals per species			Number of clinical cases, those confirm			
		Established	Reporting this month	Planned this year	Planned for this month	Surveyed this month	Surveyed till now	Age in months	No. surveyed this month	No. Surveyed till now	Cases this month	Confirmed this month	Prevalence this month	C ti
	Sheep							0 - 6						
								7 - 12						
								13 - 18						
								>18						
	Subtotal													
	Goats							0 - 6						
								7 - 12						
								13 - 18						
								>18						
otal														

istribution of PPR cases and those confirmed by laboratory (to be extracted as intermediate result ready for mapping)
month
e the beginning of the year
X axis month and Y axis either Prevalence rate or number of cases by species



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Department of Veterinary Services

PPR active surveillance reporting form

Summary of sero-surveillance

Month _____ Year _____ Date report compiled _____

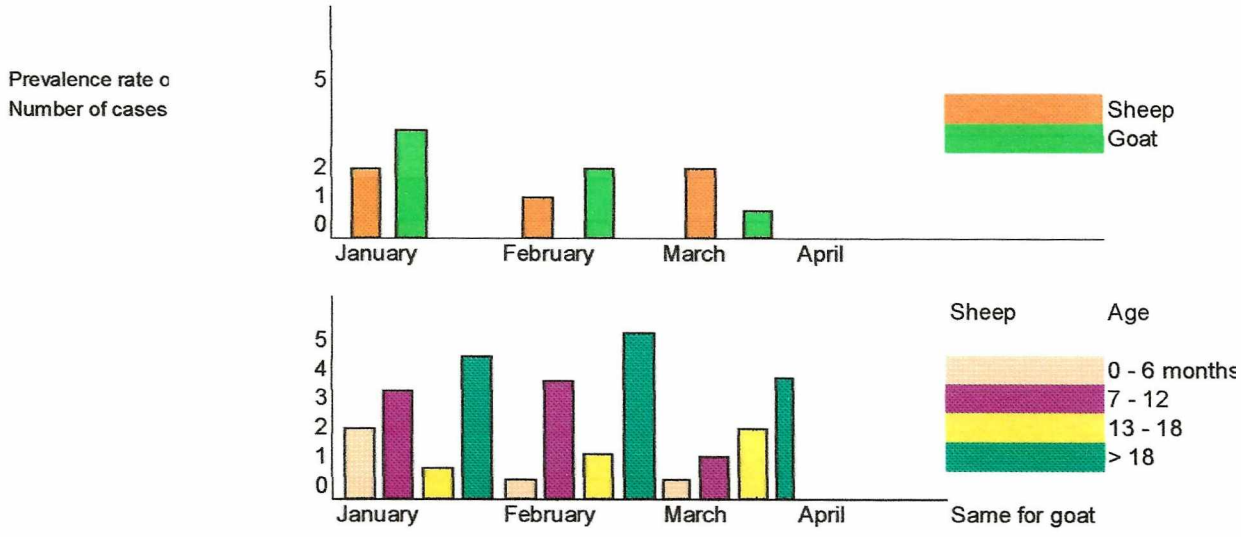
	Number of flocks to be surveyed			Number of Animals per species				PPR Sero-prevalence rate %
Region	Planned for this month	Sampled this month	Sampled till now	Species Sampled	Age in months	No. sampled this month	No. Sampled till now	
				Sheep	0 - 6			
					7 - 12			
					13 - 18			
					> 18			
Subtotal								
				Goat	0 - 6			
					7 - 12			
					13 - 18			
					> 18			
Subtotal								
Total								

Map: Distribution of areas from where sera is collected and those turned to be positive for PPR antibody.

a) This month

b) Since the beginning of the year

Graph: X axis month and Y axis either Prevalence rate or number of cases by species



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PPR active surveillance reporting form

Summary of sero-surveillance

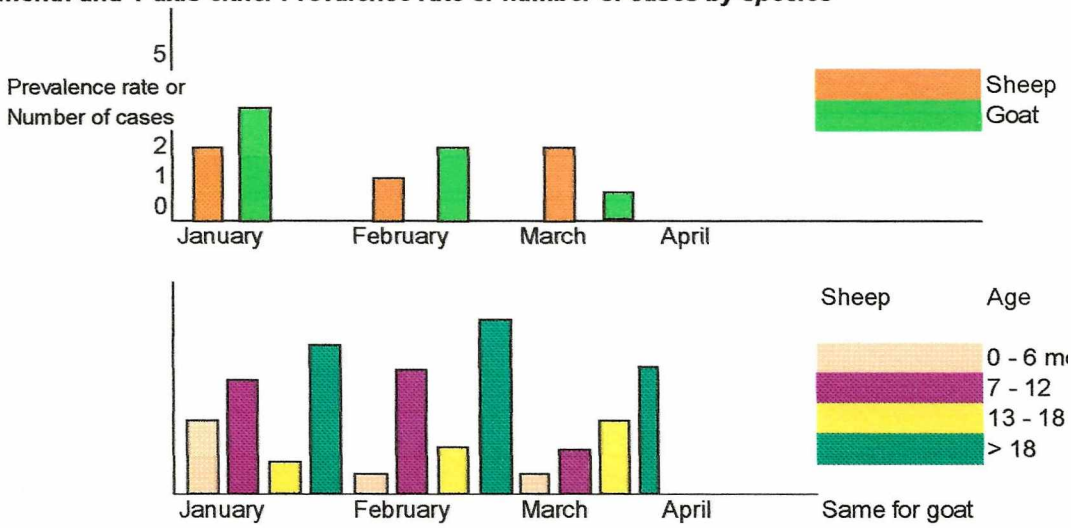
	Number of flocks to be surveyed			Number of Animals per species				PPR Se
Region	Planned for this month	Sampled this month	Sampled till now	Species Sampled	Age in months	No. sampled this month	No. Sampled till now	prevale rate %
				Sheep	0 - 6			
					7 - 12			
					13 - 18			
					> 18			
Subtotal								
				Goat	0 - 6			
					7 - 12			
					13 - 18			
					> 18			
Subtotal								
Total								

Map: Distribution of areas from where sera is collected and those turned to be positive for PPR antibody.

a) This month

b) Since the beginning of the year

Graph: X axis month and Y axis either Prevalence rate or number of cases by species



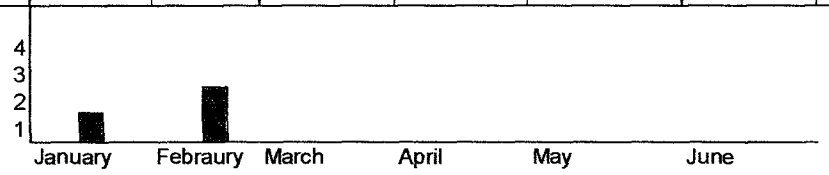
Logo

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

PPR active surveillance reporting form
Summary of clinical surveillance

Month _____ Year _____ Date report compiled _____

	Surveillance Posts		No. of flocks to cover by clinical surveillance				Number PPR cases		
Region	Functional	Reporting this month	Planned this year	Planned for this month	Conducted this month	Conducted till now	Detected this month	Confirmed as PPR	Lost without follow-up
Total									



Graph: Number of PPR cases per month

PPR

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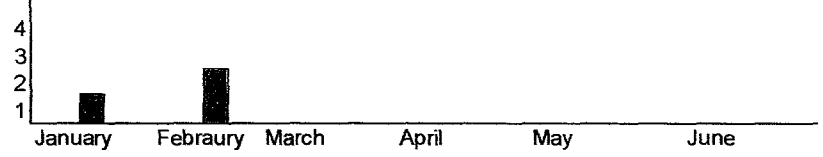
African Union, Interafrican Bureau for Animal Resources
Pan African Programme for the Control of Epizootics
Panafrican Animal Resources Information System

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PPR active surveillance reporting form
Summary of clinical surveillance

Month _____ Year _____ Date report compiled _____

	Surveillance Posts		No. of flocks to cover by clinical surveillance				Number PPR cases		
Country	Functional	Reporting this month	Planned this year	Planned for this month	Conducted this month	Conducted till now	Detected this month	Confirmed as PPR	Lost without follow-up
Total									



Graph: Number of PPR cases per month

PPR

Country Database

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Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

PPR active surveillance reporting form
Summary of sero-surveillance

lonth [ ] Year [ ] Date report compiled [ ]

egion	Planned number of sampling sites and sera to collect				Covered sites and collected sera				PPR sero-prevalence			
	Planned this year		Planned for this month		Covered/collected this month		Covered/collected this month		In-flock	In-flock	Between flock	
	Sampling site	No. of Sera	Sampling site	No. of Sera	Sampling site	No. of Sera	Sampling site	No. of Sera	This month %	So far this year %	This month %	Sc
Total												

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Pan African Programme for the Control of Epizootics
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PPR active surveillance reporting form
Summary of sero-surveillance

lonth [ ] Year [ ] Date report compiled [ ]

;ountry	Planned number of sampling sites and sera to collect				Covered sites and collected sera				PPR sero-prevalence			
	Planned this year		Planned for this month		Covered/collected this month		Covered/collected this month		In-flock	In-flock	Between flock	
	Sampling site	No. of Sera	Sampling site	No. of Sera	Sampling site	No. of Sera	Sampling site	No. of Sera	This month %	So far this year %	This month %	Si
Total												

Country Database

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Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

PPR active surveillance reporting form

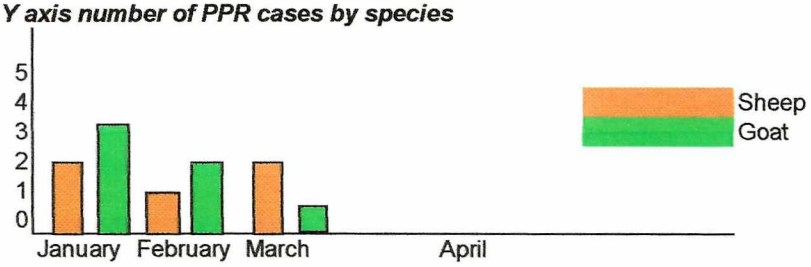
Details of flocks where PPR cases were found by clinical surveillance

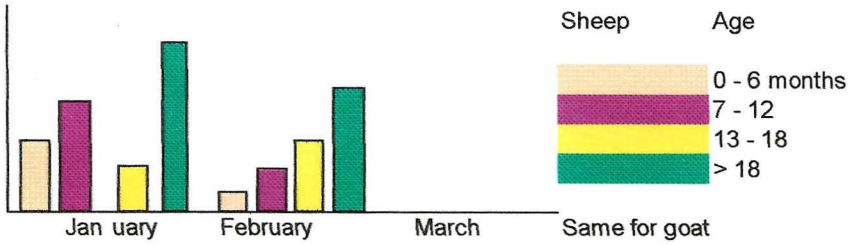
lonth [ ] Year [ ] Date report compiled [ ]

Location of PPR cases detected				Details of affected flocks						Sample	
egion	Name of location	Longitude	Latitude	Species	Mobile/Sedentary	Susceptable	Age (months)	Cases	Deaths	collected?	Di
				Sheep			0 - 6				
							7 - 12				
							13 - 18				
							Above 18				
				Goat							

lap: Distribution of PPR cases and those confirmed by laboratory (to be extracted as intermediate result ready for mapping)

Graph: X axis month and Y axis number of PPR cases by species





Same for goat

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PPR active surveillance reporting form

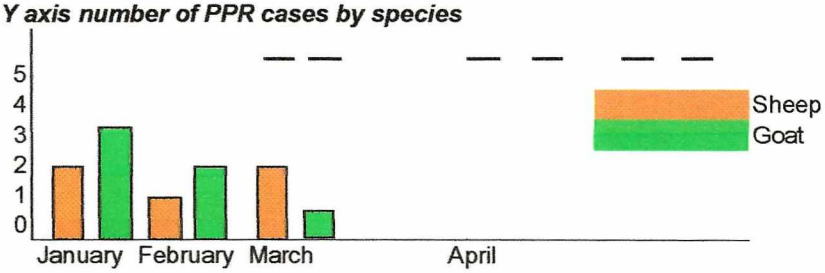
Details of flocks where PPR cases were found by clinical surveillance

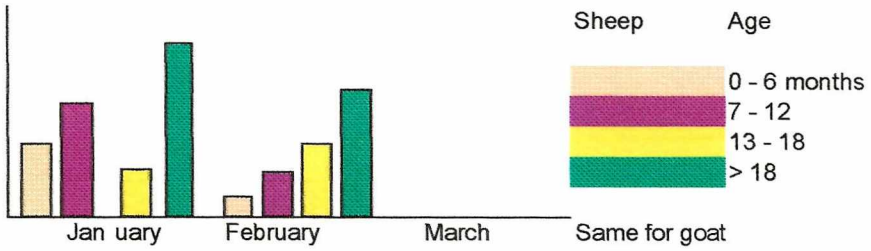
Month [ ] Year [ ] Date report compiled [ ]

Location of PPR cases detected				Details of affected flocks						Sample
Country	Name of location	Longitude	Latitude	Species	Mobile/Sedentary	Susceptable	Age (months)	Cases	Deaths	collected?
							0 - 6			
							7 - 12			
							13 - 18			
							Above 18			

Map: Distribution of PPR cases and those confirmed by laboratory (to be extracted as intermediate result ready for mapping

Graph: X axis month and Y axis number of PPR cases by species





Country Database

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Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

PPR active surveillance reporting form

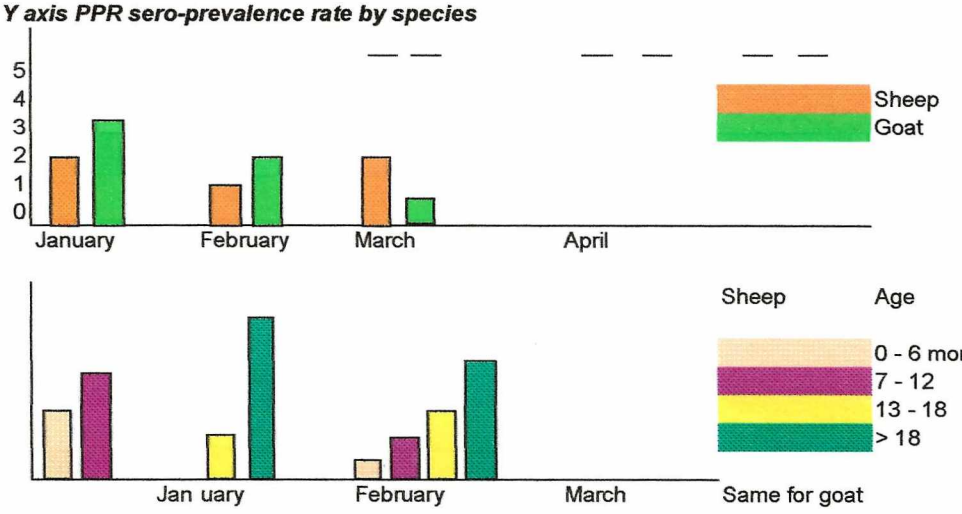
Details of PPR sero-positive flocks

Month _____ Year _____ Date report compiled _____

Location of PPR sero-positive flocks				Details of affected flocks			Number sampled	Number sero-positive	Sero-rate
Region	Name of location	Longitude	Latitude	Species	Mobile/Sedentary	Age (months)			
						0 - 6			
						7 - 12			
						13 - 18			
						Above 18			

Map: Distribution of PPR cases and those confirmed by laboratory (to be extracted as intermediate result ready for mapping)

Graph: X axis month and Y axis PPR sero-prevalence rate by species



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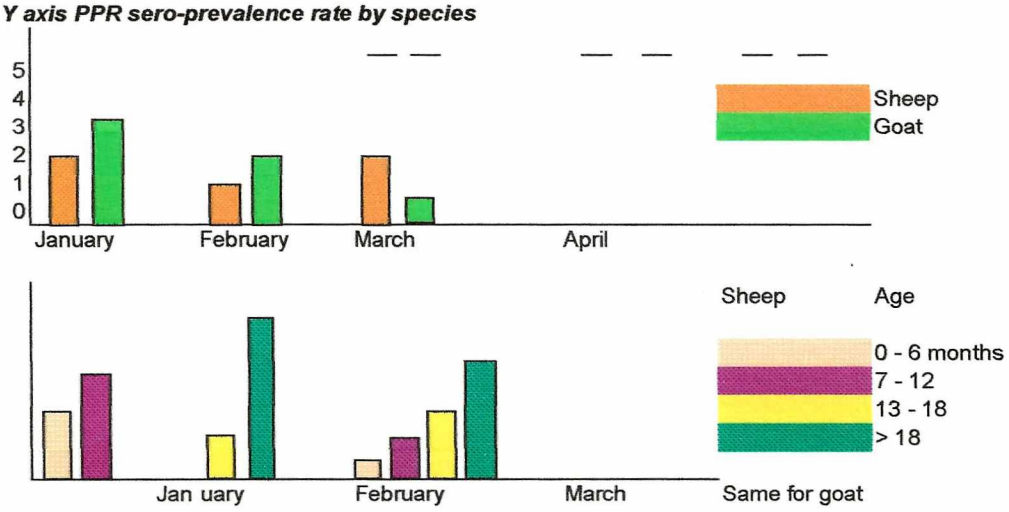
PPR active surveillance reporting form __ __
Details of PPR sero-positive flocks

Month [ ] Year [ ] Date report compiled [ ]

Location of PPR sero-positive flocks				Details of affected flocks			Number sampled	Number sero-positive	Sero-p rate
Region	Name of location	Longitude	Latitude	Species	Mobile/Sedentary	Age (months)			
						0 - 6			
						7 - 12			
						13 - 18			
						Above 18			

Map: Distribution of PPR cases and those confirmed by laboratory (to be extracted as intermediate result ready for mapping)

Graph: X axis month and Y axis PPR sero-prevalence rate by species



Country Database

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Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Rift Valley Fever active surveillance reporting form
Summary of clinical surveillance

onth [ ] Year [ ] Date report compiled [ ]

	Number of Surveillance Posts		Number of herds/flocks to be surveyed				Number of Animals examined			Number of clinical cases, those confirmed as			
egion	Established	Reporting this month	Planned this year	Planned for this month	Surveyed this month	Surveyed till now	Species examined	No. examined this month	No. examined till now	Cases this month	Confirmed this month	Prevalence this month	Cases till now
							Sheep						
							Goat						
							Cattle						
							Camel						
Total													

ap: Distribution of RVF cases and those confirmed by laboratory (to be extracted as intermediate result ready for mapping)

a) This month

b) Since the beginning of the year

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Rift Valley Fever active surveillance reporting form

Summary of clinical surveillance

Year Date report compiled

Number of Surveillance Posts		Number of herds/flocks to be surveyed				Number of Animals examined			Number of clinical cases, those confirmed as R			
Established	Reporting this month	Planned this year	Planned for this month	Surveyed this month	Surveyed till now	Species examined	No. examined this month	No. examined till now	Cases this month	Confirmed this month	Prevalence this month	Cases till now
						Sheep						
						Goat						
						Cattle						
						Camel						

bution of RVF cases and those confirmed by laboratory (to be extracted as intermediate result ready for mapping)
a) This month
b) Since the beginning of the year

Country Database

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Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Rift Valley Fever active surveillance reporting form

Summary of sero-surveillance

Month _____ Year _____ Date report compiled _____

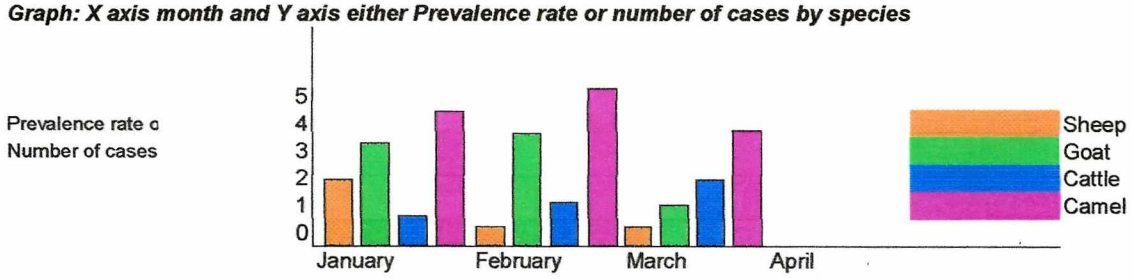
		Number of herds/flocks to be surveyed			Number of Animals per species			RVF Sero-prevalence rate %
Region	Species	Planned for this month	Sampled this month	Sampled till now	Age in months	No. sampled this month	No. Sampled till now	
	Sheep				0 - 6			
					7 - 12			
					13 - 18			
					> 18			
					Subtotal			
	Goat				0 - 6			
					7 - 12			
					13 - 18			
					> 18			
					Subtotal			
	Cattle				0 - 12			
					13 - 24			
					25 - 36			
					> 36			
					Subtotal			
	Camel				0 - 12			
					13 - 24			
					25 - 36			
					> 36			
					Subtotal			
Total								

Map: Distribution of areas from where sera is collected and those turned to be positive for RVF antibody.

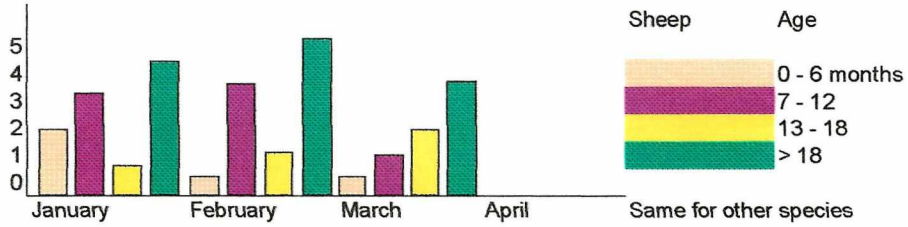
a) This month

b) Since the beginning of the year

Graph: X axis month and Y axis either Prevalence rate or number of cases by species



Graph: X axis month and Y axis prevalence rate or number of case by age group of each species



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RVF ~~PPR~~ active surveillance reporting form

Summary of sero-surveillance

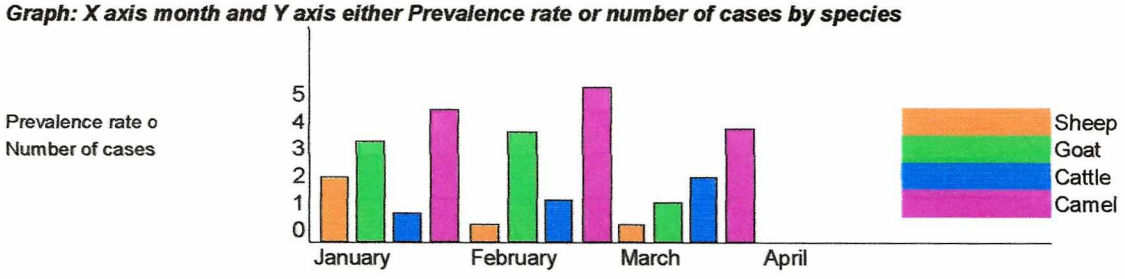
		Number of herds/flocks to be surveyed			Number of Animals per species			RVF Ser
Country	Species	Planned for this month	Sampled this month	Sampled till now	Age in months	No. sampled this month	No. Sampled till now	prevaler rate %
	Sheep				0 - 6			
					7 - 12			
					13 - 18			
					> 18			
					Subtotal			
	Goat				0 - 6			
					7 - 12			
					13 - 18			
					> 18			
					Subtotal			
	Cattle				0 - 12			
					13 - 24			
					25 - 36			
					> 36			
					Subtotal			
	Camel				0 - 12			
					13 - 24			
					25 - 36			
					> 36			
					Subtotal			
Total								

Map: Distribution of areas from where sera is collected and those turned to be positive for RVF antibody.

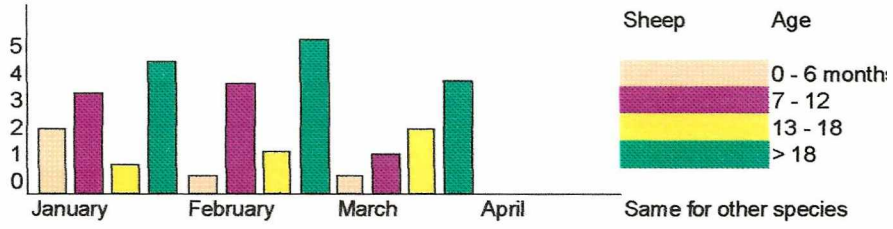
a) This month

b) Since the beginning of the year

Graph: X axis month and Y axis either Prevalence rate or number of cases by species



Graph: X axis month and Y axis prevalence rate or number of case by age group of each species



Country Database

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Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

African Swine Fever active surveillance reporting form
Summary of clinical surveillance

Year _____ Date report compiled _____

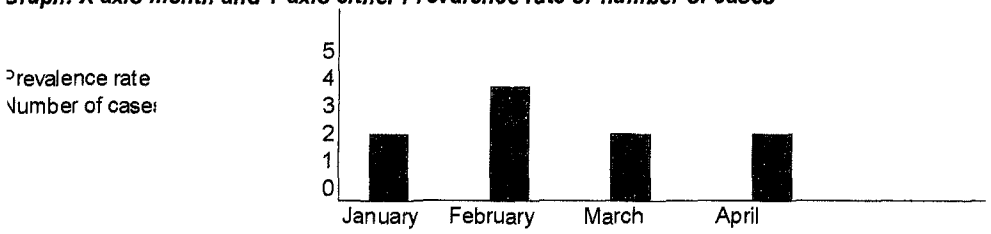
Number of Surveillance Posts		Number of herds to be surveyed				Number of pigs examined pe		Number of clinical cases, those confirmed as ASF and preval				
Established	Reporting this month	Planned this year	Planned for this month	Surveyed this month	Surveyed till now	No. surveyed this month	No. Surveyed till now	Cases this month	Confirmed this month	Prevalence this month	Cases till now	Confirmed till now

Map: Distribution of ASF cases and those confirmed by laboratory (to be extracted as intermediate result ready for mapping)

a) This month

b) Since the beginning of the year

Graph: X axis month and Y axis either Prevalence rate or number of cases



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Pan African Programme for the Control of Epizootics
Panafrican Animal Resources Information System

PACE logo

Peste des Petit Ruminants active surveillance reporting form

Summary of clinical surveillance

Year

Date report compiled

ıber of Surveillance Posts		**Number of herds to be surveyed**				**Number of pigs examined pe**		**Number of clinical cases, those confirmed as ASF and prevale**				
blished	Reporting this month	Planned this year	Planned for this month	Surveyed this month	Surveyed till now	No. surveyed this month	No. Surveyed till now	Cases this month	Confirmed this month	Prevalence this month	Cases till now	Confirmed till now

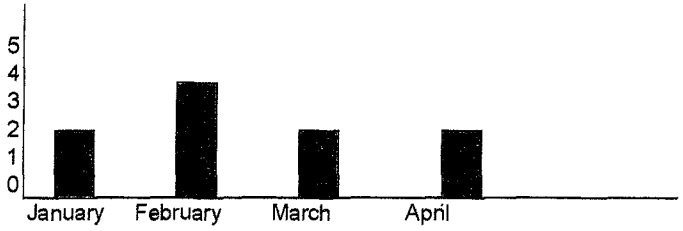
: Distribution of ASF cases and those confirmed by laboratory (to be extracted as intermediate result ready for mapping)

ıls month

nce the beginning of the year
nce the beginning of the year

h: X axis month and Y axis either Prevalence rate or number of cases

ılence rate
ɔer of case:



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Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

African Swine Fever active surveillance reporting form

Summary of sero-surveillance

Month _____ Year _____ Date report compiled _____

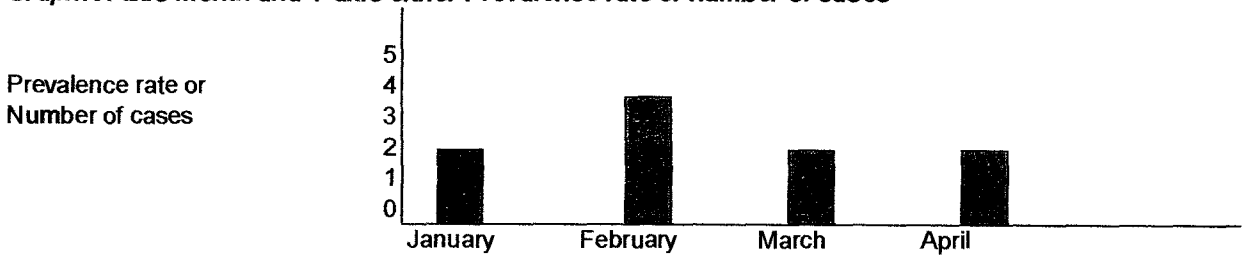
Region	Number of herds to be surveyed			Number of pigs sampled		ASF Sero- prevalence rate %	
	Planned for this month	Sampled this month	Sampled till now	No. sampled this month	No. Sampled till now	This month	Till now
Total							

Map: Distribution of areas from where sera is collected and those turned to be positive for ASF ant

a) This month

b) Since the beginning of the year

Graph: X axis month and Y axis either Prevalence rate or number of cases



Continental database

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African Swine Fever active surveillance reporting form

Summary of sero-surveillance

Month [ ] Year [ ] Date report compiled [ ]

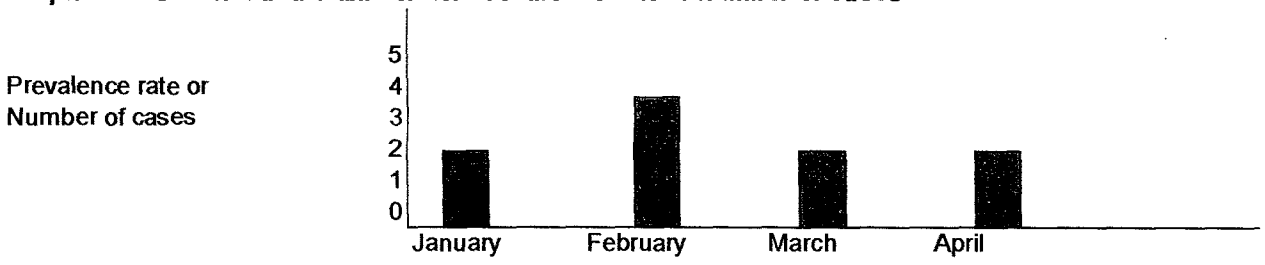
Country	Number of herds to be surveyed			Number of pigs sampled		ASF Sero- prevalence rate %	
	Planned for this month	Sampled this month	Sampled till now	No. sampled this month	No. Sampled till now	This month	Till now
Total							

Map: Distribution of areas from where sera is collected and those turned to be positive for ASF ant

a) This month

b) Since the beginning of the year

Graph: X axis month and Y axis either Prevalence rate or number of cases



1- Performance Indicators of Surveillance post for active Surveillance Countries Continent

2- Performance Indicators of Surveillance team for " " "

"

3. Performance Indicators of Laboratory for " " "

Country Database

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Ministry of Agriculture and Livestock
Department of Veterinary Services

Baseline data of animal resources

Livestock number per region during a specifc year

Date report compiled

TLU

Year	Region	Species	Number	Number as	Number/SqKr	TLU/SqKm

Baseline data of animal resources

Livestock density - intermediate result for mapping

Year	Region	Province	District	Species	Number	TLU Numbers

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Baseline data of animal resources

Livestock number per region during a specifc year

Date report compiled

Year	Country	Species	Number	Number as	Number/SqKr	TLU/SqKm

Baseline data of animal resources

Livestock density - intermediate result for mapping

Year	Country	Region	Province	District	Species	Number	TLU Numbers

Country Database

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Baseline data of animal resources

Livestock population growth over years.

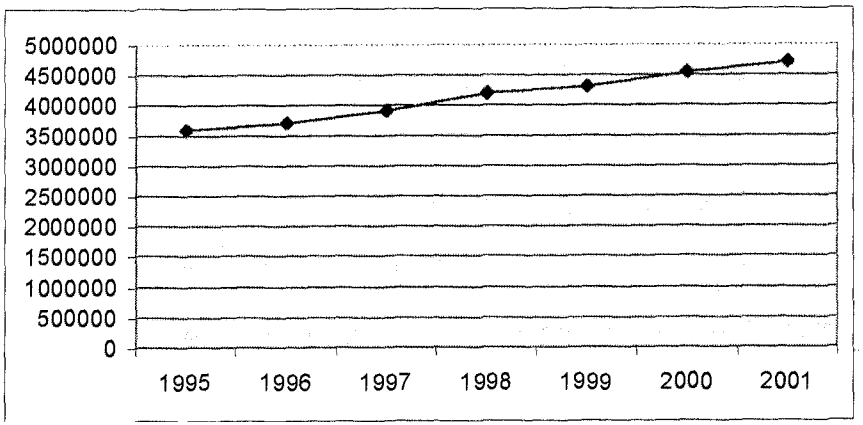
Date report compiled

cies	Year 1	Number in Year 1	Year 2	Number in Year 2	Year 3	Number in Year 3	Year 4	Number in Year 4	Year 5	Number in Year 5	Year X	Number in Year X	Average growth ra

ıark: Facility to extract data by typing in "start year" and "end year" followed by charting using line graph.

***mple** : Cattle population growth between 1995 - 2000 in Burkina Faso*

1995	1996	1997	1998	1999	2000	2001	Avearge growth
3590500	3702600	3906500	4194600	4,308,300	4,550,000	4,704,138	5.17%



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Baseline data of animal resources

Livestock number per region during a specifc year

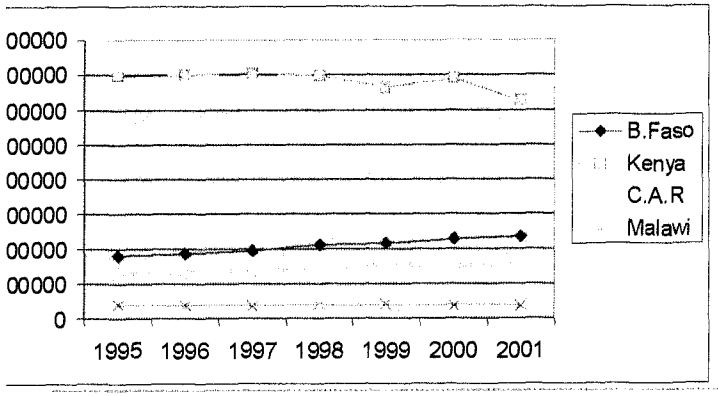
Date report compiled

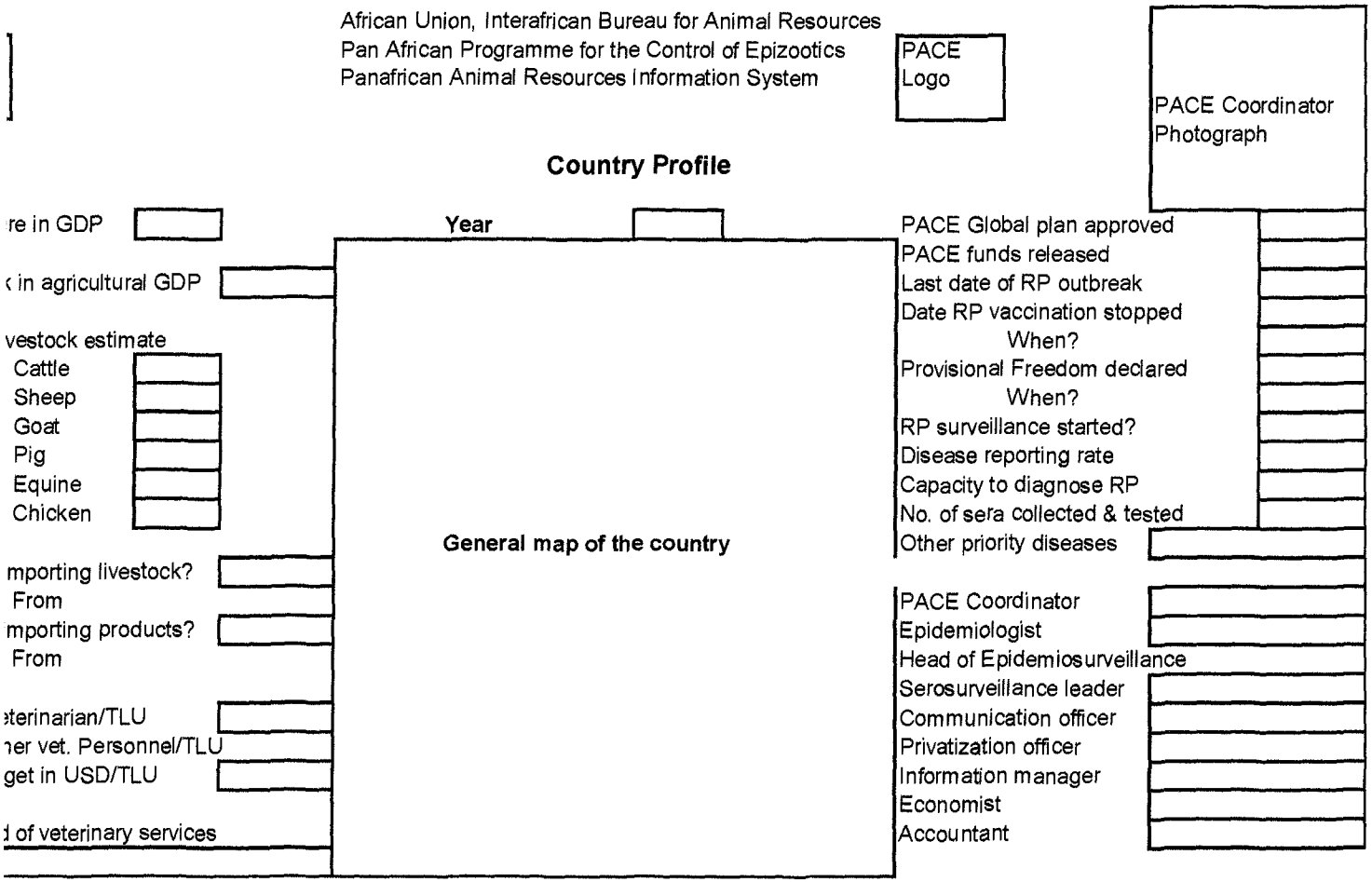
Species	Year 1	Number in Year 1	Year 2	Number in Year 2	Year 3	Number in Year 3	Year 4	Number in Year 4	Year 5	Number in Year 5	Year X	Number in Year X	Average annual growth rate %

cility to extract data by typing in "start year" and "end year" followed by charting using line graph.

Cattle population growth between 1995 - 2000 in ~~Burkina Faso~~ Some African countries

1995	1996	1997	1998	1999	2000	2001	Avearge growth
3590500	3702600	3906500	4194600	4,308,300	4,550,000	4,704,138	5.17%
13890000	13950000	14045000	13924000	13280000	13,794,000	12,500,000	
2568700	2659000	2765000	2856000	3000000	2,950,000	3,100,000	
775000	770000	764000	770000	780000	760,000	750,000	




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Panafrican Animal Resources Information System
PACE
Logo
PACE Coordinator
Photograph
Country Profile
re in GDP
Year
in agricultural GDP
vestock estimate
Cattle
Sheep
Goat
Pig
Equine
Chicken
mporting livestock?
From
mporting products?
From
eterinarian/TLU
ner vet. Personnel/TLU
get in USD/TLU
of veterinary services
General map of the country
PACE Global plan approved
PACE funds released
Last date of RP outbreak
Date RP vaccination stopped
When?
Provisional Freedom declared
When?
RP surveillance started?
Disease reporting rate
Capacity to diagnose RP
No. of sera collected & tested
Other priority diseases
PACE Coordinator
Epidemiologist
Head of Epidemiosurveillance
Serosurveillance leader
Communication officer
Privatization officer
Information manager
Economist
Accountant

Country Database

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Baseline data of animal resources

Performance of live animal export (number) over years per species

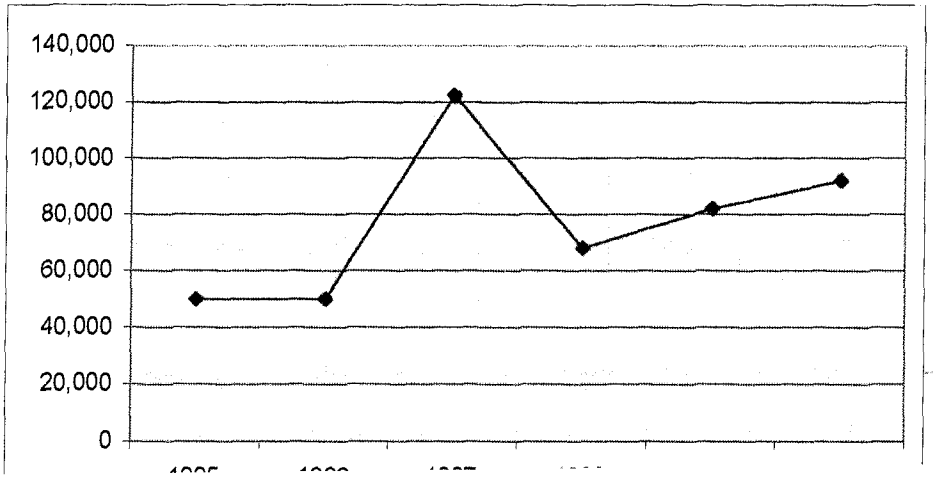
Date report compiled

es	Year 1	Number exported Y1	Year 2	Number exported Y2	Year 3	Number exported Y3	Year 4	Number exported Y4	Year 5	Number exported Y5

rk: Facility to extract data by typing in "start year" and "end year" followed by charting using line graph.

Example *Number of Cattle exported from Chad between 1995 and 1999*

1995	1996	1997	1998	1999	2000
50,000	50,000	122,187	68,111	81,850	92,047



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African Union, Interafrican Bureau for Animal Resources
Pan African Programme for the Control of Epizootics
Panafrican Animal Resources Information System

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Baseline data of animal resources

Performance of live animal export (number) over years per species

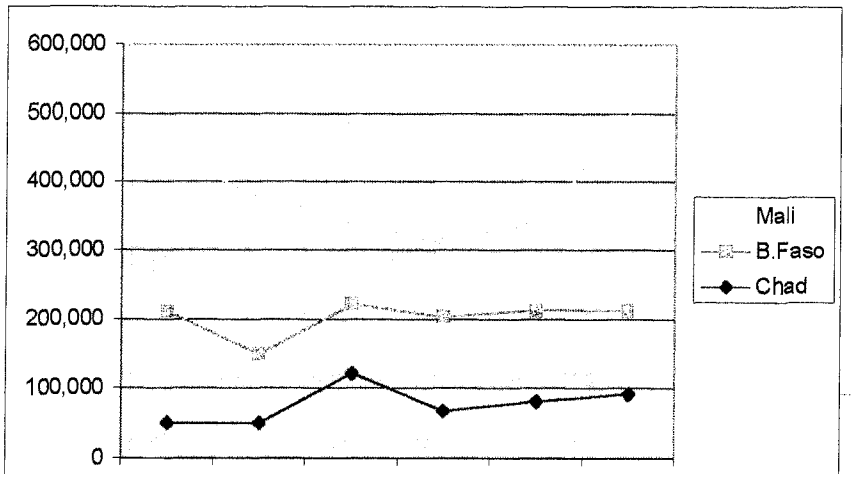
Date report compiled

:ry	Species	Year 1	Number exported Y	Year 2	Number exported Y2	Year 3	Number exported Y3	Year 4	Number exported Y4	Year 5

rk: Facility to extract data by typing in "start year" and "end year" followed by charting using line graph.

Example *Number of Cattle exported from some African countries between 1995 and 1999*

ry	1995	1996	1997	1998	1999	2000
	50,000	50,000	122,187	68,111	81,850	92,047
o	160,654	100,000	100,000	134,951	131,885	120,000
	222,000	229,000	118,880	108,245	129,064	279,000



Country Database

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Baseline data of animal resources

Performance of live animal import (number) over years per species

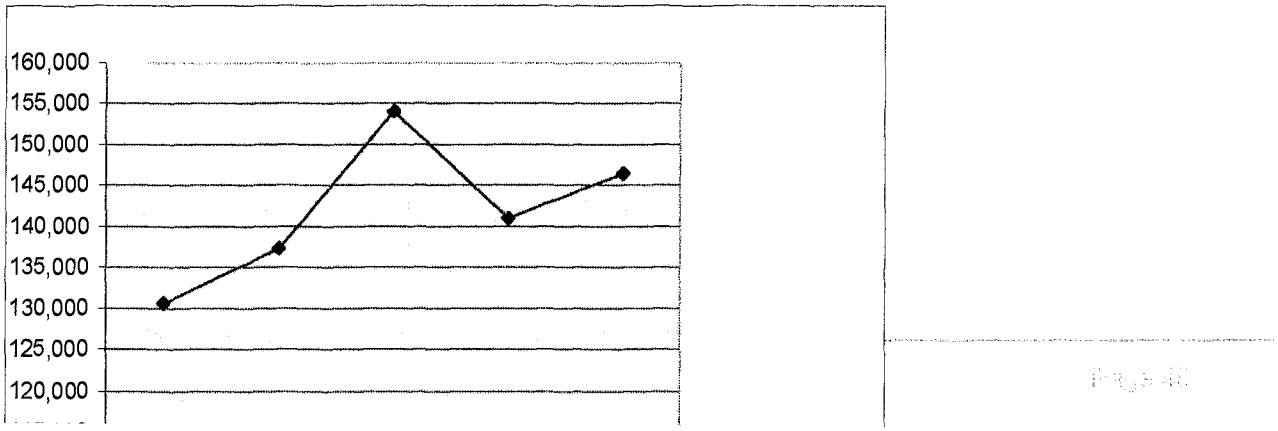
Date report compiled

Year 1	Number imported Y1	Year 2	Number imported Y2	Year 3	Number imported Y3	Year 4	Number imported Y4	Year 5	Number imported Y5

Remark: Facility to extract data by typing in "start year" and "end year" followed by charting using line graph.

Example: Number of Cattle imported to Cote d'Ivoire between 1996 and 2000

1996	1997	1998	1999	2000
130,600	137,300	154,100	140,988	146,477



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Baseline data of animal resources

Performance of live animal import (number) over years per species

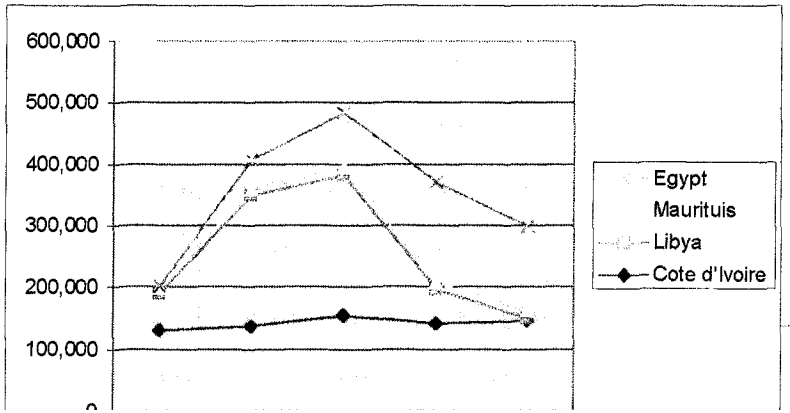
Date report compiled

ry	Species	Year 1	Number imported	Year 2	Number imported Y2	Year 3	Number imported Y3	Year 4	Number imported Y4	Year 5	Number imported Y5

Remark: Facility to extract data by typing in "start year" and "end year" followed by charting using line graph.

Example: Number of Cattle imported to some African countries between 1995 and 2000

ry	1996	1997	1998	1999	2000
d'Ivo	130,600	137,300	154,100	140,988	146,477
	60,000	211,000	227,000	55,000	3,300
uis	8,971	9,578	12,460	12,020	12,211
	1,905	49,301	89,660	162,756	136,577



Country Database

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Baseline data of animal resources

Performance of live animal export (value in USD) over years per species

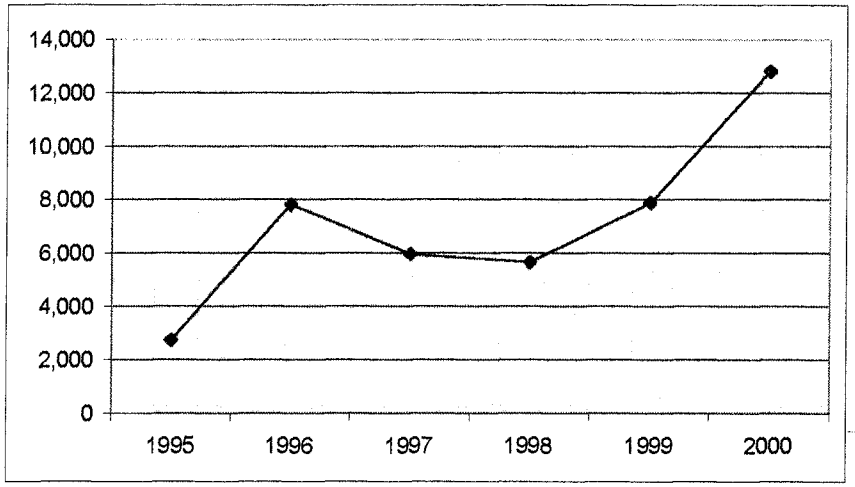
Date report compiled

es	Year 1	Export value in USD Y1	Year 2	Export value in USD Y2	Year 3	Export value in USD Y3	Year 4	Export value in USD Y4	Year 5	Export value in USD Y5

rk: Facility to extract data by typing in "start year" and "end year" followed by charting using line graph.

Example *Revenue in 1000 USD earned from sheep export: Niger 1995 - 2000*

1995	1996	1997	1998	1999	2000
2,733	7,803	5,960	5,650	7,867	12,813



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Baseline data of animal resources

Performance of live animal export (value in USD) over years per species

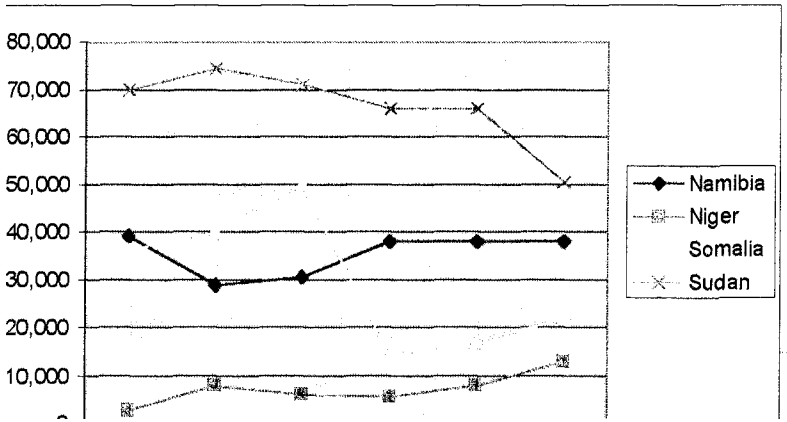
Date report compiled

Species	Year 1	Export value in USD Y1	Year 2	Export value in USD Y2	Year 3	Export value in USD Y3	Year 4	Export value in USD Y4	Year 5	Export value in USD Y5

Facility to extract data by typing in "start year" and "end year" followed by charting using line graph.

Example *Revenue in 1000 USD earned from sheep export: Selected African countries 1995 - 2000*

1995	1996	1997	1998	1999	2000
39,000	28,700	30,500	38,000	38,000	38,000
2,733	7,803	5,960	5,650	7,867	12,813
36,000	40,000	50,000	14,000	17,000	21,700
69,835	74,427	70,974	66,072	66,072	50,500



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Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Baseline data of animal resources

Performance of live animal import (value in USD) over years per species

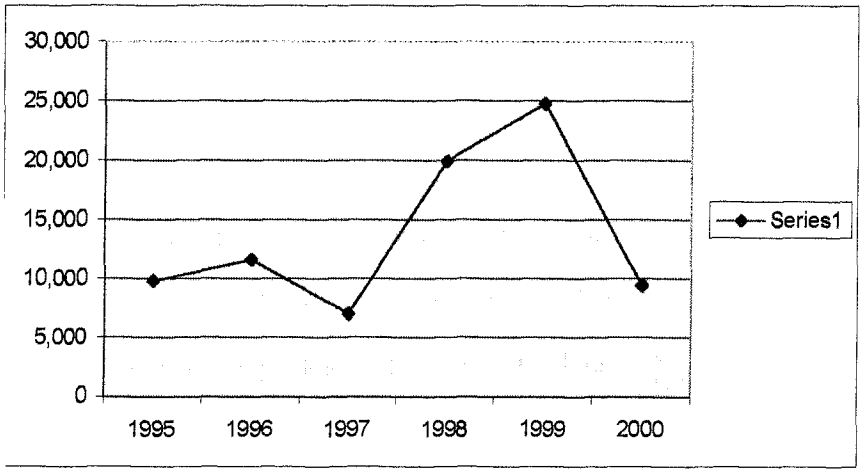
Date report compiled

ecies	Year 1	Import value in USD Y1	Year 2	Import value in USD Y2	Year 3	Import value in USD Y3	Year 4	Import value in USD Y4	Year 5	Import value in USD Y5

nark: Facility to extract data by typing in "start year" and "end year" followed by charting using line graph.

mple: Value in 1000 USD spent on importing cattle: Algeria 1995 - 2000

1995	1996	1997	1998	1999	2000
9,760	11,595	6,995	19,897	24,754	9,459



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Baseline data of animal resources

Performance of live animal import (value in USD) over years per species

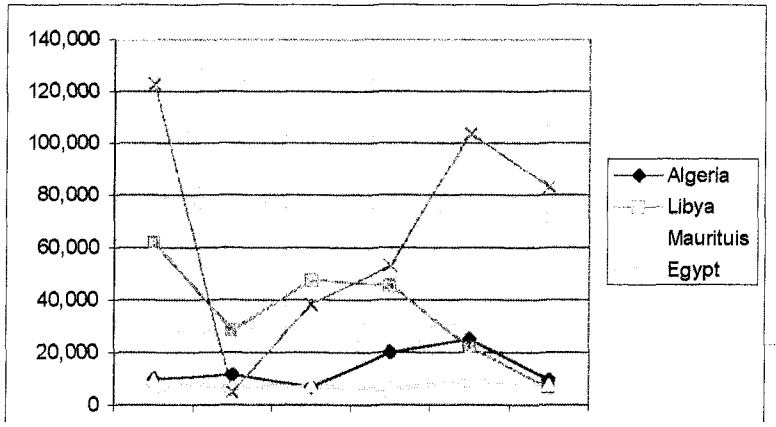
Date report compiled

ntry	Species	Year 1	Import value in USD Y1	Year 2	Import value in USD Y2	Year 3	Import value in USD Y3	Year 4	Import value in USD Y4	Year 5	Import value in USD Y5

Remark: Facility to extract data by typing in "start year" and "end year" followed by charting using line graph.

Example: Number of Cattle imported to some African countries between 1995 and 2000

ntry	1995	1996	1997	1998	1999	2000
ria	9,760	11,595	6,995	19,897	24,754	9,459
a	61,695	28,000	47,500	45,600	22,000	6,400
rituis	9,384	6,633	7,247	5,768	9,600	7,493
pt	122,939	4,855	38,348	53,137	103,698	83,218



Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Baseline data of animal resources

Amount of livestock product exported (Metric tonnes) by type over several years

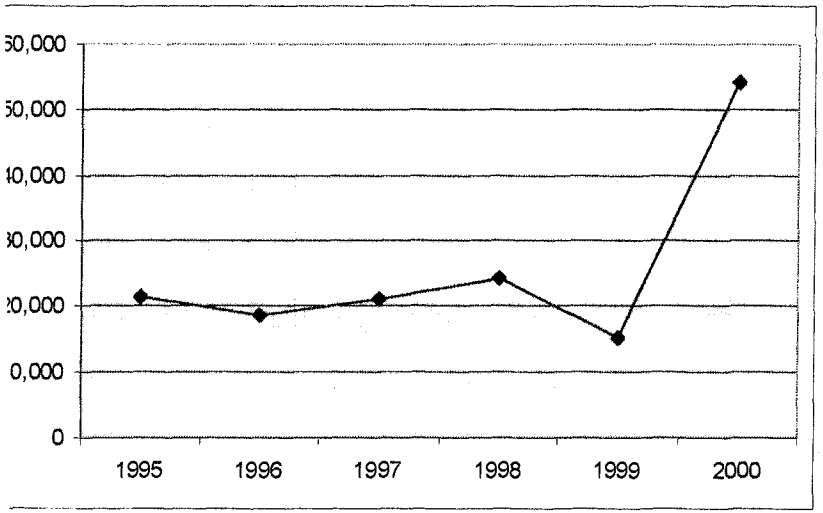
Date report compiled

s	Year 1	Amount exported Y1	Year 2	Amount exported Y2	Year 3	Amount exported Y3	Year 4	Amount exported Y4	Year 5	Amount exported Y5

:: *Facility to extract data by typing in "start year" and "end year" followed by charting using line graph.*

Example *Amount of beef in metric tonnes exported from Botswana between 1995 and 1999*

1995	1996	1997	1998	1999	2000
21,504	18,587	21,044	24,195	15,208	54,066



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Baseline data of animal resources

Amount of livestock product exported (Metric tonnes) by type over several years

Product

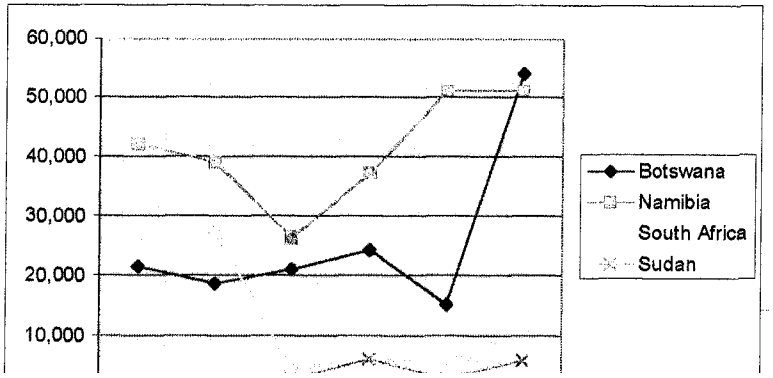
Date report compiled

ıntry	Species	Year 1	Amount exported Y	Year 2	Amount exported Y	Year 3	Amount exported	Year 4	Amount exported	Year 5	Amount exported Y5

nark: Facility to extract data by typing in "start year" and "end year" followed by charting using line graph.

ımple *Amount of beef in metric tonnes exported from selected African countries between 1995 and 1999*

ıntry	1995	1996	1997	1998	1999	2000
swana	21,504	18,587	21,044	24,195	15,208	54,066
nibia	42,015	38,986	26,343	37,106	51,198	51,198
th Afı	25,711	27,346	4,633	5,617	6,495	5,234
lan	1,450	1,500	2,700	6,091	2,800	5,700



Country Database

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Baseline data of animal resources

Amount of livestock product imported (Metric tonnes) by type over several years

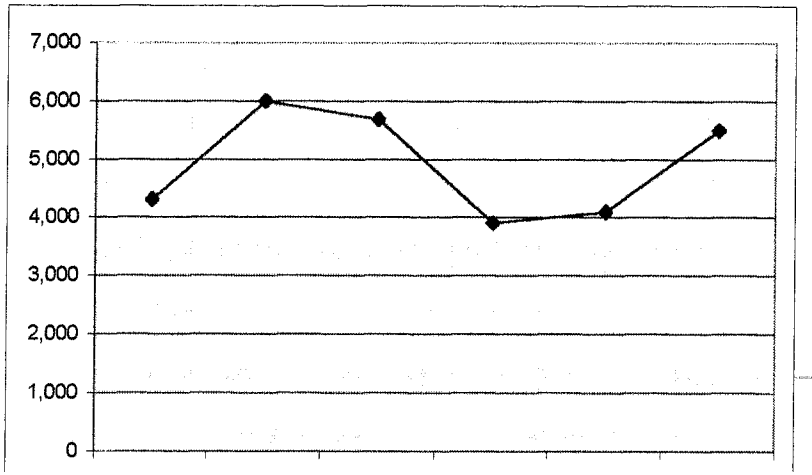
Date report compiled

ies	Year 1	Amount imported Y	Year 2	Amount imported Y2	Year 3	Amount imported Y3	Year 4	Amount imported Y4	Year 5	Amount imported Y5

Remark: Facility to extract data by typing in "start year" and "end year" followed by charting using line graph.

ıple *Amount of beef in metric tonnes imported to Angola between 1995 and 2000*

1995	1996	1997	1998	1999	2000
4,300	6,000	5,700	3,900	4,100	5,500



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African Union, Interafrican Bureau for Animal Resources
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Panafrican Animal Resources Information System

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Baseline data of animal resources

Amount of livestock product imported (Metric tonnes) by type over several years

Product

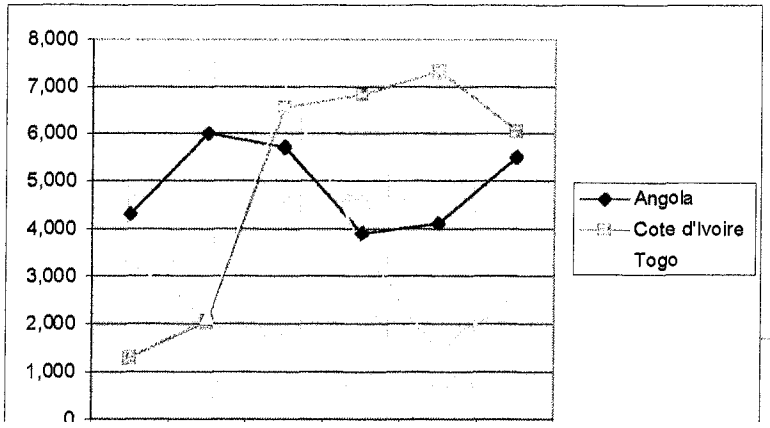
Date report compiled

ry	Species	Year 1	Amount imported Y1	Year 2	Amount imported Y2	Year 3	Amount imported Y3	Year 4	Amount imported Y4	Year 5	Amount imported Y5

Remark: Facility to extract data by typing in "start year" and "end year" followed by charting using line graph.

ple *Amount of beef in metric tonnes imported to selected African countries between 1995 and 2000*

ry	1995	1996	1997	1998	1999	2000
a	4,300	6,000	5,700	3,900	4,100	5,500
l'Ivc	1,295	2,055	6,568	6,840	7,343	6,066
	3,313	2,120	6,862	3,619	1,393	2,661



Country Database

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Baseline data of animal resources

Value in 1000 USD earned by exporting livestock product by type over several years

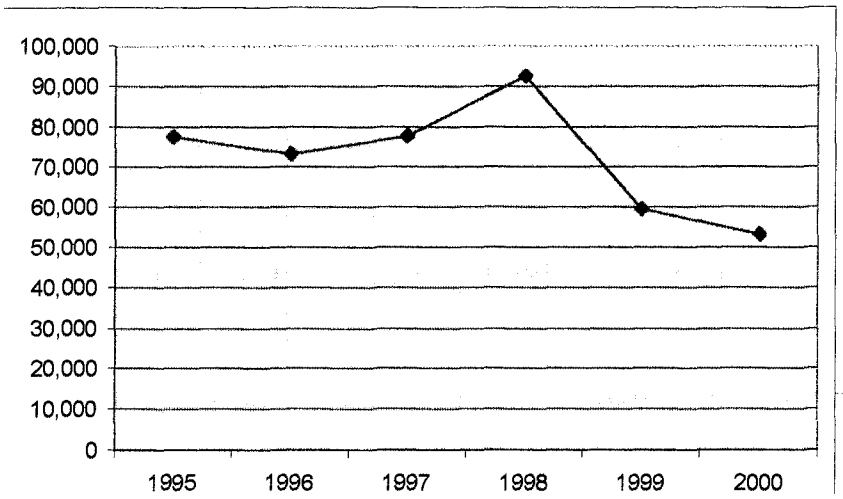
Date report compiled

	Year 1	Export value in USD Y1	Year 2	Export value in USD Y2	Year 3	Export value in USD Y3	Year 4	Export value in USD Y4	Year 5	Export value in USD Y5

: Facility to extract data by typing in "start year" and "end year" followed by charting using line graph.

Example: *Revenue in 1000 USD earned from beef export: Botswana 1995 - 2000*

1995	1996	1997	1998	1999	2000
77,645	73,280	77,888	92,564	59,614	53,180



Continental database

African Union, Interafrican Bureau for Animal Resources
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Baseline data of animal resources

Value in 1000 USD earned by exporting livestock product by type over several years

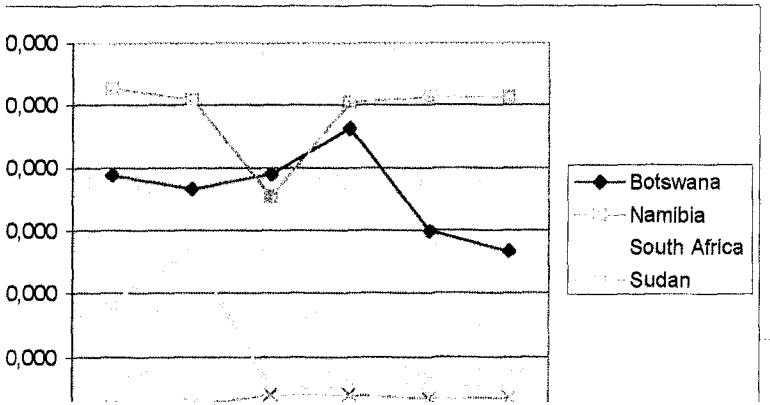
Date report compiled

Species	Year 1	Export value in USD Y1	Year 2	Export value in USD Y2	Year 3	Export value in USD Y3	Year 4	Export value in USD Y4	Year 5	Export value in USD Y5

Facility to extract data by typing in "start year" and "end year" followed by charting using line graph.

Example: *Revenue in 1000 USD earned from beef export: Selected African countries 1995 - 2000*

	1995	1996	1997	1998	1999	2000
a	77,645	73,280	77,888	92,564	59,614	53,180
	105,500	101,680	71,000	101,000	102,500	102,500
fr	37,655	53,313	9,943	10,931	11,030	11,447
	4,100	4,700	8,000	8,234	6,600	7,000



Country Database

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

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Baseline data of animal resources

Value in 1000 USD spent on importing livestock product by type over several years

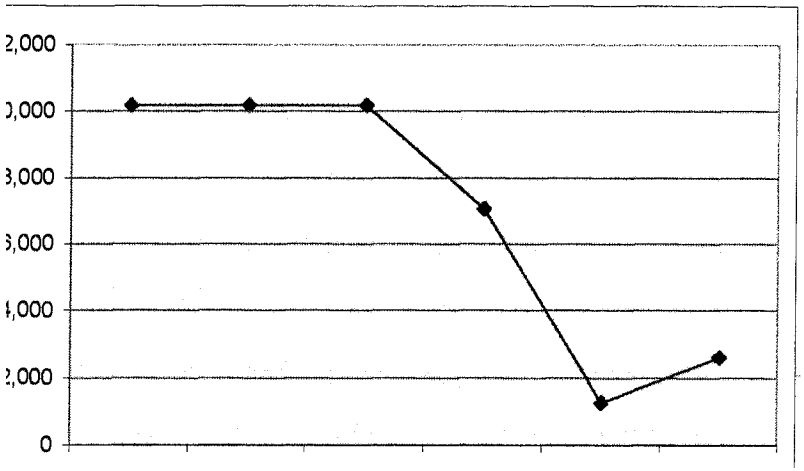
Date report compiled

cies	Year 1	Import value in USD Y1	Year 2	Import value in USD Y2	Year 3	Import value in USD Y3	Year 4	Import value in USD Y4	Year 5	Import value in USD Y5

Remark: Facility to extract data by typing in "start year" and "end year" followed by charting using line graph.

mple *Value in 1000 USD spent on importing beef: Libya 1995 - 2000*

1995	1996	1997	1998	1999	2000
),184	10,184	10,184	7,067	1,263	2,600



Continental database

African Union, Interafrican Bureau for Animal Resources
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Baseline data of animal resources

Value in 1000 USD spent on importing livestock product by type over several years

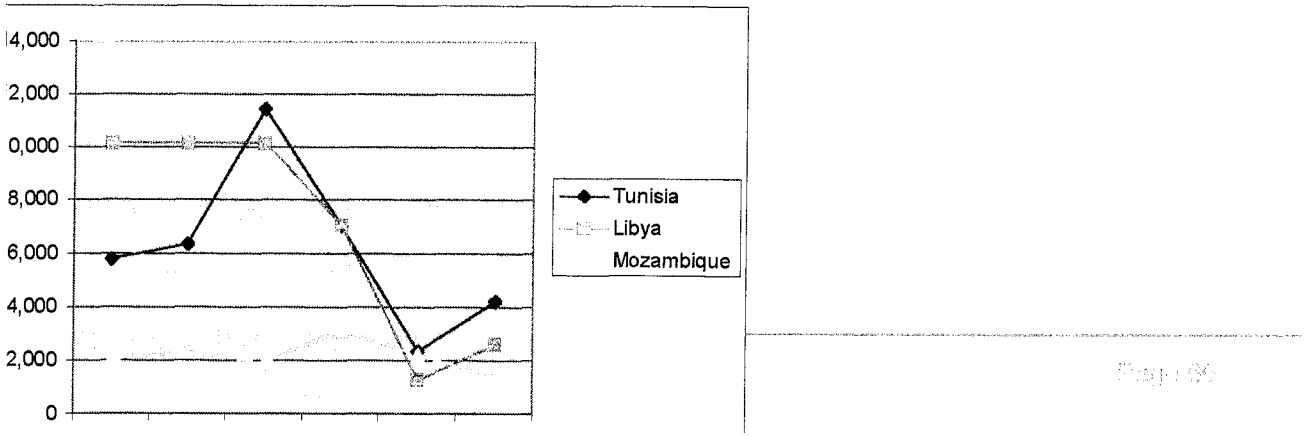
Date report compiled

Species	Year 1	Import value in USD Y1	Year 2	Import value in USD Y2	Year 3	Import value in USD Y3	Year 4	Import value in USD Y4	Year 5	Import value in USD Y5

Remark: Facility to extract data by typing in "start year" and "end year" followed by charting using line graph.

e *Value in 1000 USD spent on importing beef: Selected African Countries 1995 - 2000*

	1995	1996	1997	1998	1999	2000
	5,789	6,348	11,461	7,018	2,315	4,171
	10,184	10,184	10,184	7,067	1,263	2,600
	2,000	2,300	1,900	3,100	2,200	1,400



Country Database

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Veterinary Structure and Service Delivery

Number of veterinary human resource per region and year

Date report compiled

n	Year	SVS Veterinarian	**SVS** Anm Hlth Ass.	SVS Anm Hlth Tec.	**SVS** Lab Vets.	SVS Lab. Tec.	SVS Meat Insp.	Private Veterinarian	Private Anm Hlth Ass.	CAHW

SVS = State Veterinary Services
Anm = Animal
Hlth = Health
Ass = Assitants
Tec = Technicians
Lab = Laboratory

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African Union, Interafrican Bureau for Animal Resources
Pan African Programme for the Control of Epizootics
Panafrican Animal Resources Information System

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Veterinary Structure and Service Delivery

Number of veterinary human resource per region and year

Date report compiled

try	Year	SVS Veterinarian	**SVS** Anm Hlth Ass.	SVS Anm Hlth Tec.	**SVS** Lab Vets.	SVS Lab. Tec.	SVS Meat Insp.	Private Veterinarian	Private Anm Hlth Ass.	CAHW

Logo

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Veterinary Structure and Service Delivery

Number of veterinary infrastructure per region and year

Date report compiled

Region	Year	Veterinary Clinic	Health Post	Active surveillance post	Veterinary Laboratory	Abattoire with meat inspectors	Private Vet clinics

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Veterinary Structure and Service Delivery

Number of veterinary infrastructure per region and year

Date report compiled

Country	Year	Veterinary Clinic	Health Post	Active surveillance post	Veterinary Laboratory	Abattoire with meat inspectors	Private Vet clinics

Logo

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Veterinary Structure and Service Delivery

Spatial distribution of veterinary infrastructure per region and year
(intermediate result for mapping)
Date report compiled

Region	Provinc	District	Type of Infrastructure	Longitude	Latitude

Remark: This need to be exported to dBase, Access or Excel for later mapping.

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Veterinary Structure and Service Delivery

Spatial distribution of veterinary infrastructure per region and year
(intermediate result for mapping)
Date report compiled

Region	Provinc	District	Type of Infrastructure	Longitude	Latitude

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Veterinary Structure and Service Delivery

Capacity of national laboratories to investigate diseases

Disease	Ag detection	Ab detection	Laboratory

Logo

Ministry of Agriculture and Livestock
Department of Veterinary Services

Veterinary Structure and Service Delivery

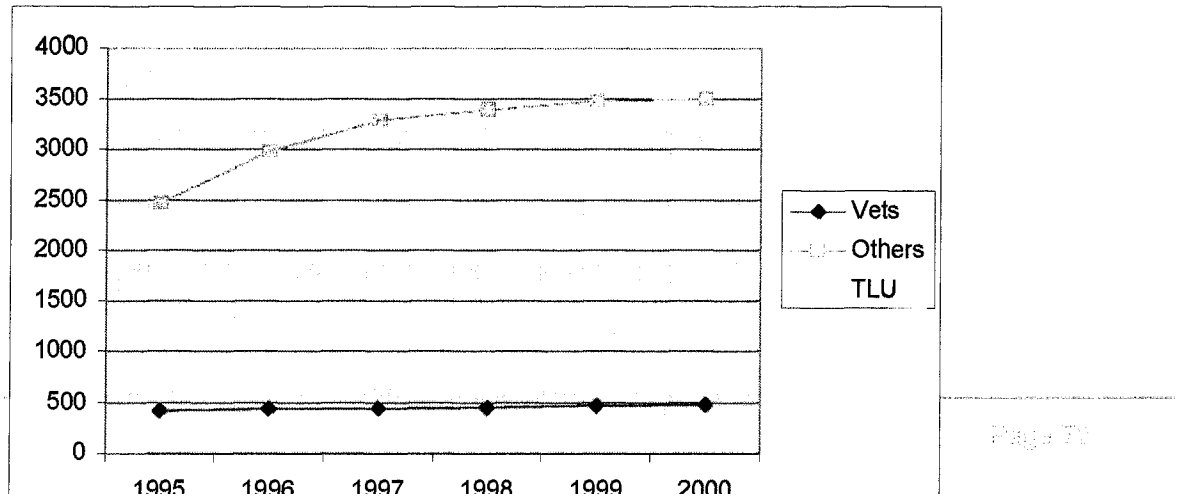
Comparison between human resource growth and livestock numbers (as TLU) growth over years

Start Year	Start No. of Veterinarian	Start No. of other staff	Start No. of anm in TLU	End Year	End No. of Veterinarian	End No. of other staff	End No. of anm in TLU

Remark: Facility for defining starting and last years of analysis will be created and once the user enters these data on number of human resources and TLU extracted for charting.

Example: Comparison between human resources and livestock numbers (10,000 TLU) growth in Ethiopia.

	1995	1996	1997	1998	1999	2000
Vets	420	437	442	448	466	473
Others	2467	2985	3290	3389	3479	3492
TLU	3174.5	3190	3200	3159	3165.6	3170



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PACE logo

Veterinary Structure and Service Delivery

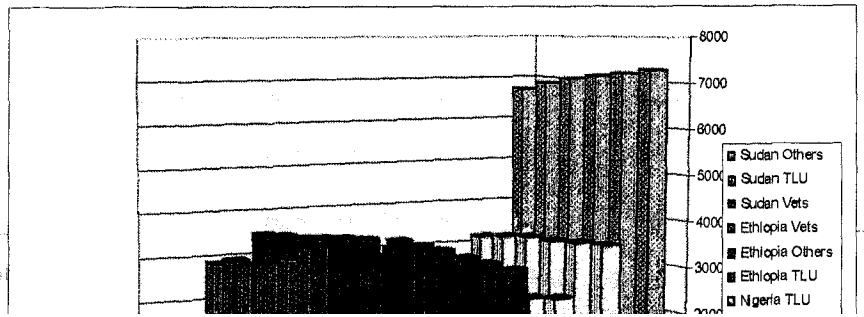
Comparison between human resource growth and livestock numbers (as TLU) growth over years

Country	Start Year	Start No. of Veterinarian	Start No. of other staff	Start No. of anm in TLU	**End** Year	End No. of Veterinarian	End No. of other staff	End No. of anm in TLU

Remark: Facility for defining starting and last years of analysis will be created and once the user enters these data on number of human resources and TLU extracted for charting.

Example: Comparison between human resources and livestock numbers (10,000 TLU) growth in Ethiopia.

Country	Category	1995	1996	1997	1998	1999	2000
Sudan	Others	897	945	1023	1085	1193	1286
Sudan	TLU	2891	3092	3128	3320	3523	3892
Sudan	Vets	3487	3596	3651	3763	3888	3985
Ethiopia	Vets	420	437	442	448	466	473
Ethiopia	Others	2467	2985	3290	3389	3479	3492
Ethiopia	TLU	3174.5	3190	3200	3159	3165.6	3170
Nigeria	TLU	2092	2196	2175	2275	2345.8	2487
Nigeria	Vets	3175	3295	3386	3429	3500	3567
Nigeria	Others	6721	6893	7030	7120	7200	7296



Logo

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Veterinary Structure and Service Delivery

Capacity of Veterinary Services: budget and human resources per TLU

Date report compiled

Year	Vet/TLU ratio	Evaluation	Others/TLU ratio	Evaluation	Budget/TLU ratio	Evaluation	Staff cost/non staff cost ratio	Evaluation

Continental database

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Panafrican Animal Resources Information System

PACE logo

Veterinary Structure and Service Delivery

Capacity of Veterinary Services: budget and human resources per TLU

Date report compiled

Year	Vet/TLU ratio	Evaluation	Others/TLU ratio	Evaluation	Budget/TLU ratio	Evaluation	Staff cost/non staff cost ratio	Evaluation

Country Database

Logo

Republic of Pacenia
Ministry of Agriculture and Livestock
Department of Veterinary Services

Veterinary Structure and Service Delivery

Overview of veterinary budget allocation in comparison with livestock services budget allocation over years

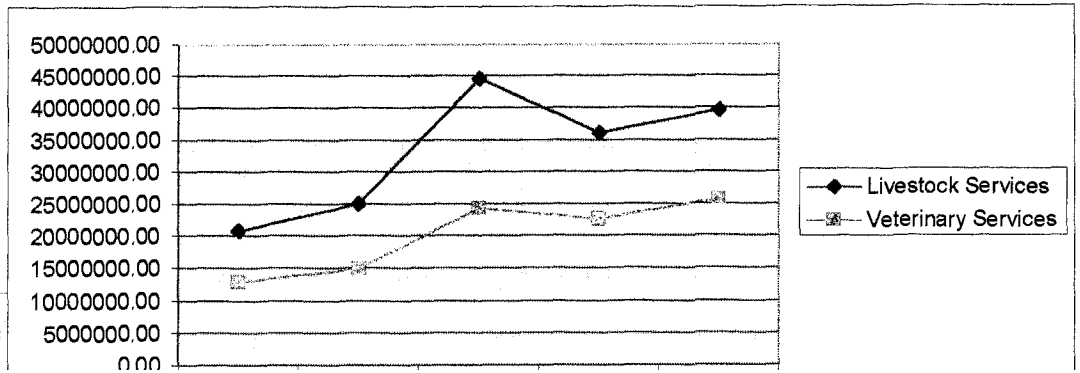
Date report compiled

Year	Livestock service budget	Veterinary budget

Remark: The overview is better visualised with graph like the example given below.

Comparison between livestock and veterinary budget allocation between 1995 and 1999 in Kenya

	1995	1996	1997	1998	1999
Livestock Services	20833438.00	24948586.00	44559125.00	36021895.00	39649815.00
Veterinary Services	12824440	14969709	24201439	22644608	25792208



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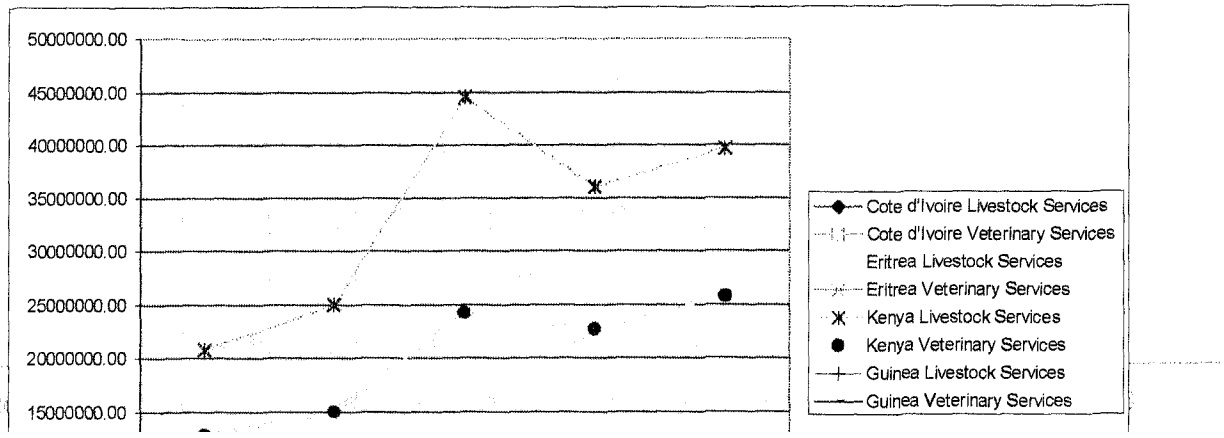
Veterinary Structure and Service Delivery

erview of veterinary budget allocation in comparison with livestock services budget allocation over years

Date report compiled

Year	Livestock service budget	Veterinary budget

untry	Budget allocated f	1995	1996	1997	1998	1999
e d'Ivoire	Livestock Services	5000000.00	4500000.00	3000000.00	2000000.00	1000000.00
	Veterinary Service	90000.00	180000.00	150000.00	95000.00	75000.00
rea	Livestock Services	10600000.00	9500000.00	8500000.00	7400000.00	7300000.00
	Veterinary Service	3200000.00	5200000.00	6200000.00	4800000.00	4200000.00
nya	Livestock Services	20833438.00	24948586.00	44559125.00	36021895.00	39649815.00
	Veterinary Service	12824440	14969709	24201439	22644608	25792208
nea	Livestock Services	545000.00	915000.00	1785000.00	3090000.00	2565000.00
	Veterinary Service	60000.00	16500.00	275000.00	219430.00	250234.50



Geographical Information System (GIS) needs for PACE Integrated Database.

General requirements - There is no standard use of GIS software across PACE member countries. The two most used, however are MapInfo and ArcView. Some of the countries didn't acquire any GIS software as yet but it is assumed they will choose one of the above mentioned. Hence, the automated link between the PACE integrated database and GIS facilities should take into account both MapInfo and ArcView. In other words, any analytical facility or report from the system where mapping is required (leading to say MAP icon) should immediately ask for GIS Software used (Choose GIS Software and prompt MapInfo or ArcView). The user then click on the GIS software of his/her choice. It should be clear from the start that those who have both systems may switch between the two software from time to time making use of the strength from each. The continental database, for example, will fall in this category.

Specific requirements - Almost all reports and analysis with spatial component, particularly longitude and latitude, need to be mapped. The base map to use for country and continental database is straight forward, country map (with internal administrative divisions) and the Map of Africa displaying countries. Except for few reports specified for overlay analysis, other sophisticated GIS analysis will be avoided in this automation. The following are reports or analysis, which require mapping.

Table 1, list of analysis and reports for mapping.

No.	Report/analysis	Type of mapping	Remark
1	Disease surveillance		
1.1	Passive surveillance	Spatial distribution of each of the outbreak by disease type	Each disease identified with different colour
		Districts/countries reporting or failing to report	By district/continent
		Thematic mapping of number of disease reports received from district/country during "X" quarter	4 categories (colours) not reporting, only 1 report, 2 reports and 3 reports
1.2	Active surveillance	Distribution of suspected cases of **ASF** and those confirmed ones.	Suspected one colour and confirmed another
		Areas from where sera was collected and those found to be **ASF** positive	Areas one colour and positive another
		Distribution of suspected cases of **CBPP** and those confirmed ones.	Suspected one colour and confirmed another

		Areas from where sera was collected and those found to be **CBPP** positive	Areas one colour and positive another
		Distribution of abattoirs surveying **CBPP** & those with positive cases	
		Distribution of suspected cases of **PPR** and those confirmed ones.	Suspected one colour and confirmed another
		Areas from where sera was collected and those found to be **PPR** positive	Areas one colour and positive another
		Distribution of suspected cases of **RP** and those confirmed ones.	Suspected one colour and confirmed another
		Areas from where sera was collected and those found to be **RP** positive	Areas one colour and positive another
		Distribution of suspected cases of **RVF** and those confirmed ones.	Suspected one colour and confirmed another
		Areas from where sera was collected and those found to be **RVF** positive	Areas one colour and positive another
		Overlay of each of the above mentioned on either map of production system or livestock movement	Two maps, one of disease distribution (each of the above listed) and existing map of production system or movement
2	Baseline data of animal resources	Density of livestock per species per given administrative level or country	Dot density map
		Density of total number of animals expressed as TLU	Same as above
3	Veterinary structure and service delivery	Distribution of veterinary personnel per district (or given spatial level)	

Country	Region	Province	District	National park/ Game Reserve	Investigation/Sampling site			Result
					Specific Name	Longitude	Latitude	for Rinde
Kenya		Coast	Taita Taveta	Tsavo	Aruba	38.800	-3.220	Negative
Kenya		Coast	Taita Taveta	Tsavo	Aruba	38.800	-3.220	Positive
Kenya		Coast	Taita Taveta	Tsavo	Lugards 1	38.410	-3.020	Negative
Kenya		Coast	Taita Taveta	Tsavo	Galana 1	39.070	-3.010	Negative
Kenya		Coast	Taita Taveta	Tsavo	Galana 1	39.070	-3.010	Positive
Kenya		Coast	Taita Taveta	Tsavo	Ziwani	37.510	-3.110	Positive
Kenya		Coast	Taita Taveta	Tsavo	Ziwani	37.510	-3.110	Positive

2.12 Distribution of abattoires surveying CBPP and those with positive cases.

ABATTOIR NAME	ABATTOIR LON	ABATTOIR LAT	Month	Year	Number of cattle Inspected	Anm affected by CBPP
Bahr Dar	37.386	11.603	1	2001	173	3
Chandris	41.87	9.586	3	1999	30	0
Air Force	38.983	8.754	9	2000	313	13
Debre Zeit Municip	38.707	8.798	11	1998	78	1

Note that the first 3 fields are from meat inspection introduction table whereas the remaining are from CBPP abattoire surveillance table.

3) Baseline data of Animal Resources

3.1 Livestock density map per species and a given spatial unit (e.g. district or province) and year.

Country	Region	Province	District	Species	Year	Number
Benin		Atlantique		Bovine	2000	26049
Eritrea	Gash Barka			Camel	1999	113400
Ethiopia				Equine	2000	586000
Ghana	Upper East		Bongo	Ovine	1995	59367

Remark: What is shown on the table above is the possible type of data. For the sake of comparison and map livestock density, however, data should be at the same spatial level. In other words if a complete data set is available at district level that would be the first choice. In absence of this, however, the complete data set of province or region will be used.

3.2 Tropical Livestock Unit (TLU) density map at a given spatial unit (e.g. district or province) and year.

Country	Region	Province	District	Year	TLU Numbers
Benin		Atlantique		2000	26049
Eritrea	Gash Barka			1999	113400
Ethiopia				2000	586000
Ghana	Upper East		Bongo	1995	59367

4) Veterinary Structure and Service Delivery

4.1 Distribution of veterinary personnel by category at a given spatial unit and specific year.

Country	Region	Province	District	Year	Category	Number
Ethiopia	Oromia	Arsi	Gedeb	2002	Veterinaria	1
Ethiopia	Oromia	Arsi	Limuna Bilbilo	1999	CAHW	8
Ghana	VOLTA		Akatsi	1995	Meat Inspector	3
Ghana	VOLTA		Anlo	1996	Anm. health tec.	4
Ghana	VOLTA		Denu/Ketu	2001	Anm. health ass.	2
Uganda			Tororo	2000	Private vet.	1
Uganda			Kotido	1998	Anm. health ass.	3
Eritrea	S. Red Sea		Beylul	1997	Veterinaria	1
Eritrea	Central		D. Hamasen	2001	Meat Inspector	2

2 Location under active surveillance, areas where CBPP was suspected and locations here these suspected cases were confirmed to be CBPP by laboratory

3 Location under active surveillance, areas where PPR was suspected and locations here these suspected cases were confirmed to be PPR by laboratory

4 Location under active surveillance, areas where ASF was suspected and locations here these suspected cases were confirmed to be ASF by laboratory

5 Location under active surveillance, areas where RVF was suspected and locations here these suspected cases were confirmed to be RFV by laboratory

6 Location from where sera was collected and those found to be positive for Rinderpest ero-surveillance)

emark: Similar table should be extracted for other diseases under active surveillance, namely BPP, PPR, ASF and RVF

ountry	Region	Province	District	Name of Sampling site	Longitude	Latitude	RP Sero-prevalence rate
nzania		Manyara	Hanang	Wareta	4.545	35.563	
nzania		Manyara	Hanang	Wareta	4.545	35.563	
nzania		Manyara	Hanang	Wareta	4.545	35.563	
nzania		Manyara	Hanang	Nangwa	4.504	35.440	
nzania		Manyara	Hanang	Nangwa	4.504	35.440	
nzania		Manyara	Hanang	Nangwa	4.504	35.440	
nzania		Manyara	Hanang	Jorodom	4.560	35.394	
nzania		Manyara	Hanang	Jorodom	4.560	35.394	
nzania		Manyara	Mbulu	Endaharchadakt	4.216	35.970	
nzania		Manyara	Mbulu	Haydom	4.188	35.022	
nzania		Manyara	Mbulu	Haydom	4.188	35.022	
nzania		Manyara	Mbulu	Haydom	4.188	35.022	
nzania		Manyara	Mbulu	Dogobesh	4.058	35.350	
nzania		Manyara	Mbulu	Gidihim	4.099	35.328	

7 Location from where sera for CBPP surveillance was collected and areas where CBPP positive sera were foun

8 Location from where sera for PPR surveillance was collected and areas where PPR positive sera were found

9 Location from where sera for ASF surveillance was collected and areas where ASF positive sera were found

10 Location from where sera for RVF surveillance was collected and areas where RVF positive sera were found

11 Location from where wildlife sera was collected and those found to be positive for Rinderpest

period of time (month [only for coverage], quarter or year.

District	Province	Region	Country	Month	Quarter	Year
District 01				Yes	3	11
District 02				Yes	2	10
District 03				No	0	9
	Provincial 01			Yes	3	12
Distrcit 04				Yes	1	8
Disttrict 05				Yes	3	12
Disttrict 06				No	0	9
Disttrict 07				No	0	10
	Provincial 02			Yes	3	7
		Region 01		Yes	2	8
District 01				Yes	3	12
District 02				Yes	2	10
District 03				No	1	7
	Provincial 03			Yes	2	9
Distrcit 04				Yes	2	11
Distrcit 05				No	2	6
Distrcit 06				Yes	3	8
Distrcit 07				Yes	2	11
	Provincial 04			Yes	2	10
		Region 02	Country 01	Yes	3	12
			Country 02	Yes	3	12
			Country 03	No	1	8
			Country 04	Yes	1	6

2) Active disease surveillance

2.1 Location under active surveillance, areas where S-E cases where found and those confirmed to be Rinderpest by laboratory (clinical/questionnaire surveillance)

Remark: Similar table should be extracted for other diseases under active surveillance, namely CBPP, PPR, ASF and RVF

Country	Region	Province	District	Longitude	Latitude	S-E Cases observed?	Final Diagnosis
ETHIOPIA	OROMIA	E. SHEWA	ADAMA BOSET	38.243	7.399	Yes	FMD
ETHIOPIA	OROMIA	E. SHEWA	ADAMA BOSET	38.104	7.403	Yes	Rinderpest
ETHIOPIA	OROMIA	E. SHEWA	ADAMA BOSET	38.104	7.403	Yes	Rinderpest
ETHIOPIA	OROMIA	E. SHEWA	ADAMA BOSET	38.104	7.403	No	Rinderpest
ETHIOPIA	OROMIA	E. SHEWA	ADEA	38.116	7.438	Yes	Rinderpest
ETHIOPIA	OROMIA	S. SHEWA	BUTAJIRA	38.215	7.533	Yes	FMD
ETHIOPIA	OROMIA	S. SHEWA	BUTAJIRA	35.537	8.155	Yes	Rinderpest
ETHIOPIA	OROMIA	W. SHEWA	CHEHA	35.616	7.883	No	Rinderpest
ETHIOPIA	OROMIA	E. SHEWA	FENTALE BERHE	37.782	7.348	Yes	Rinderpest
ETHIOPIA	OROMIA	E. SHEWA	FENTALE BERHE	36.699	10.681	Yes	Rinderpest
ETHIOPIA	OROMIA	S. SHEWA	HAIKOCH	36.886	10.851	Yes	Rinderpest
ETHIOPIA	ADDIS ABABA	ADDIS ABABA	KOTEBE	36.945	10.733	Yes	Rinderpest
ETHIOPIA	ADDIS ABABA	E. SHEWA	LIMU BORA	37.437	5.884	No	Rinderpest
ETHIOPIA	ADDIS ABABA	E. SHEWA	LIMU BORA	37.485	6.1	Yes	Rinderpest
ETHIOPIA	ADDIS ABABA	E. SHEWA	SHENKORA MIN.	38.723	6.537	Yes	Rinderpest
ETHIOPIA	ADDIS ABABA	S. SHEWA	SODO	39.02	6.218	Yes	Rinderpest

REPORTS TO BE EXPORTED TO MS ACCESS, EXCEL AND Dbase FORMATS

1) Passive disease surveillance

1.1 Monthly, quarterly or yearly vaccination figures per distrcit or province or region

Country	Region	Province	District	Month	Year	Disease	Vaccination figure
			District 01				
			District 02				
			District 03				
		Provincial 01					
			Distrcit 04				
			Disttrict 05				
			Disttrict 06				
			Disttrict 07				
		Provincial 02					
	Region 01						
			District 01				
			District 02				
			District 03				
		Provincial 03					
			Distrcit 04				
			Distrcit 05				
			Distrcit 06				
			Distrcit 07				
		Provincial 04					
	Region 02						
Country total							

Remark: Field headers of this or subsquent table are selectable. The user should be able to select country, month or disease of his/her choice and get the following options. 1) Country and vaccination figure per disease per selected month or year. 2) The same option but vaccination figures summarised by region or province. 3) Figures of vaccination against a specific disease for specific month or year total for a country or with sub-totals of regions or provinces.

1.2 Distribution of outbreaks per disease for a specified time period (month, quarter or year) for a country or continent

Code No.	Disease	Month	Year	Country	OB Longitude	OB Latitude
Ken01FMD02	FMD	Jan	2002	Kenya	33.333	2.222
Eri03LSD02	LSD	Jan	2002	Eritrea	33.333	2.222
Sen02POX02	Pox	Feb	2002	Senegal	33.333	2.222
Ken02CBPP02	CBPP	Dec	2002	Kenya	33.333	2.222
Ken02FMD02	FMD	Mar	2002	Kenya	33.333	2.222
Ken03FMD02	FMD	Apr	2002	Kenya	33.333	2.222

Berhanu Bedane

From: dvs [dvs@wananchi.com]
Sent: Thursday, August 15, 2002 4:59 PM
To: Berhanu Bedane
Subject: Re: Computer specification

Dear Berhanu,

Thanks for yours dated August 02, 2002. Our computer specifications are as follows: Operating system- windows 98; processing speed 1 GHz; memory 128 MB; and storage capacity 40 GB.

We look forward to the installation of the database.

Best regards.

Chibeu
PACE-K Epidemiologist

Telephone: 631475