

ImmForm Website Presentation for ECIS

Kevin Scott
Business Services Manager
ImmForm

What is the purpose of this presentation?

- To explain how the ImmForm Website collects and presents data in relation to immunisation programmes in England
- To explain other functions of the Website
- To look in general terms at how European data may be collected and presented by an ImmForm style system
- To present the benefits of using an ImmForm style system for Europe
- To present the issues of using an ImmForm style system for Europe

ImmForm Uptake Surveys: History and Overview

- Set up in 2004 to replace a fragmented, paper-based, labour intensive process
- Provides valuable data for Ministers, health officials and colleagues within the NHS in relation to national Immunisation programmes
- Reduces the front-line burden for collecting and managing data (65% of GPs use fully automated uploads = no burden).
- Designed, built and is hosted by the Informatics Team in the Department of Health's Immunisation Branch.
- The ImmForm Website provides information to all parts of the immunisation delivery chain in easily accessible formats saving time and money.

ImmForm: Vaccine Uptake Monitoring

ImmForm Collects only aggregated data. Patient related data is maintained on local GP clinical based systems

GP Surveys (using automated uploads for majority):

- **Monthly and weekly seasonal flu uptake,**
- **Monthly and weekly swine flu uptake,**
- **Annual pneumococcal polysaccharide vaccine (PPV),**
- **Monthly MMR catch-up vaccine uptake (automated uploads only)**
- **Monthly and Weekly Swine Flu Uptake**
- **Monthly Uptake of HPV**
- **Annual and monthly HPV uptake (manual)**
- **Weekly swine & seasonal flu uptake for healthcare and poultry workers (all manual)**

ImmForm: Seasonal Flu 2008/09

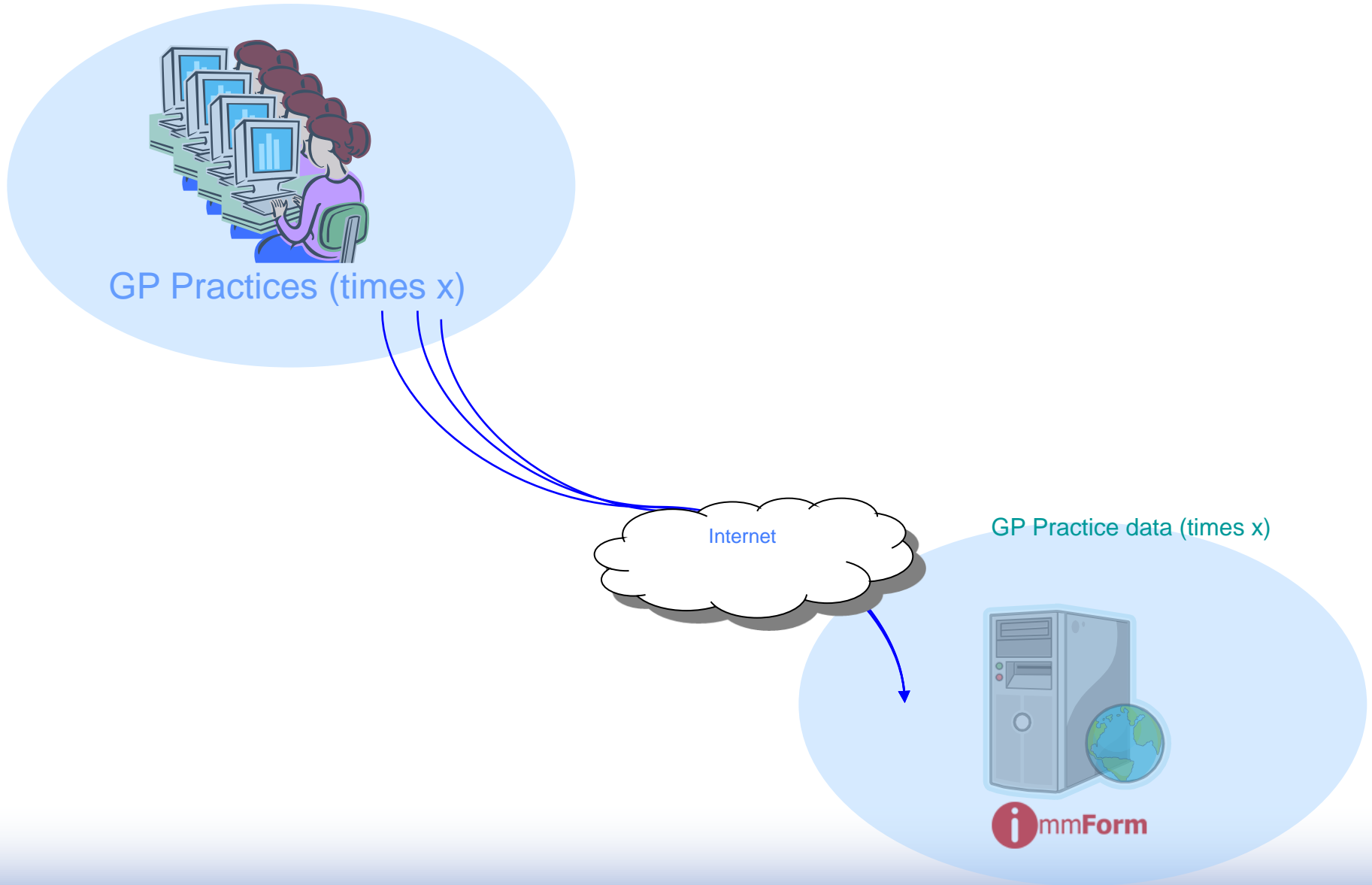
In England, using ImmForm:

- **Weekly and monthly surveys – all GP practices in England during the season**
- **96.2% response rate from GP Practices**
- **52,217,430 GP Registered patients aged over 6 months surveyed**
- **65.5% submitted via automated or semi-automated methods**
- **Weekly data (50% GP practice) fully automated**
- **Monthly Data finalised and published (within a month of survey end)**

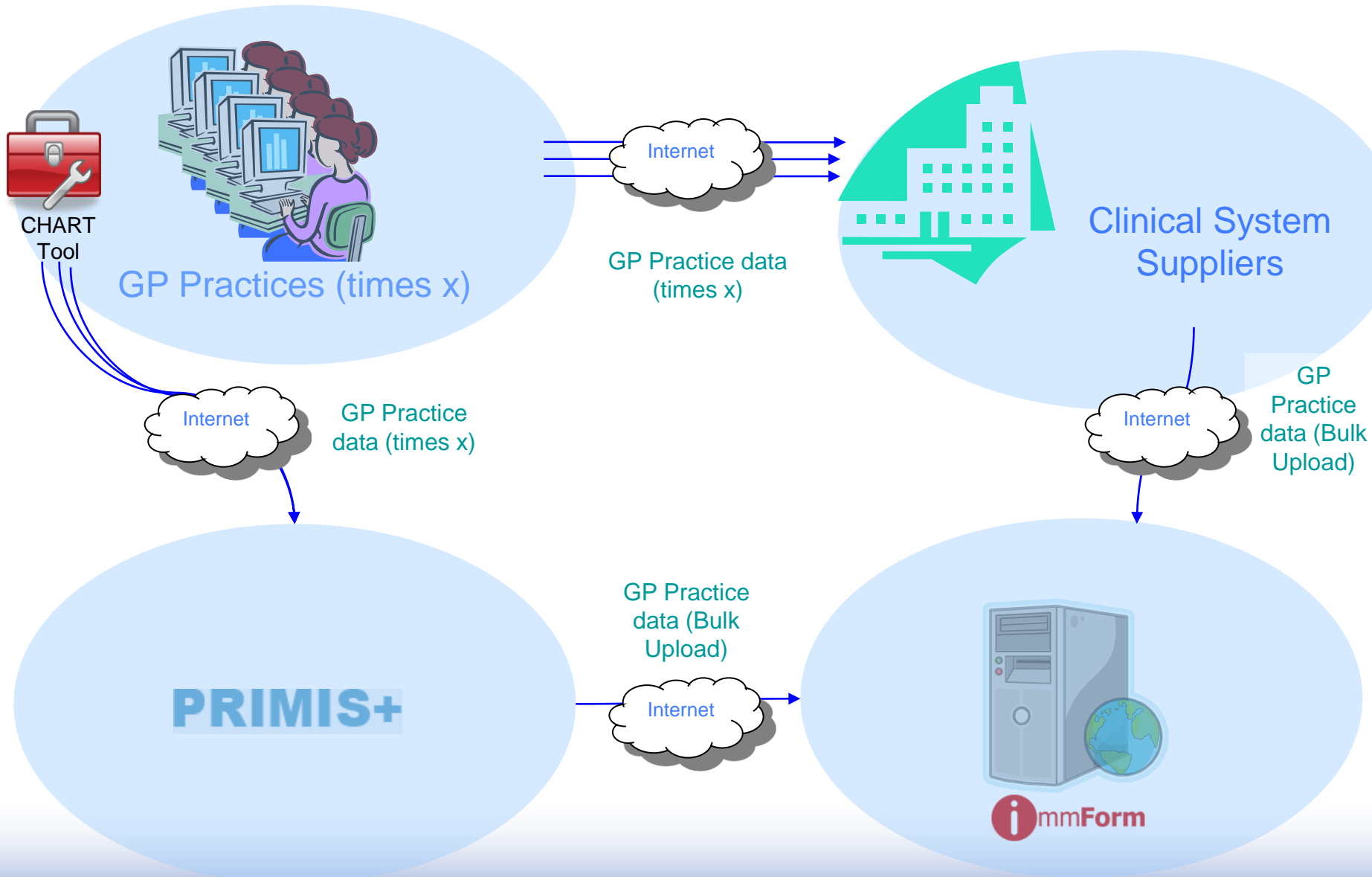
ImmForm: Uptake Data Collection Benefits

- **Near real-time data – allows programmes to be adjusted mid-course or interventions to be made**
- **Increased accuracy - data validation on point of entry**
- **High response rate - reduces the likelihood of statistical anomalies**
- **Automated uploads - reduced burden on the NHS saving time and money**
- **Timely data – monthly, weekly and daily surveys, as required**
- **Immunisation data made available locally and regionally supporting local NHS performance management**

ImmForm: Manual Upload



ImmForm: Automated Upload



ImmForm – Flu Uptake Survey Form

2. Your flu vaccine uptake return.

	(A) Number of Patients registered on day of extraction.	(B) Number of patients within A that have received the Flu vaccine between 1st Sept and end of previous month	Vaccine Uptake is calculated by the system
All Patients			
Aged 65 and over	1944	1470	75.6
Aged 6 months to under 2 years	199	2	1
Aged 2 years to under 16 years	1933	58	3
Aged 16 to under 65	24609	1428	5.8
Summary of patients in one or more at-risk group(s)			
Aged 6 months to under 2 years	3	2	66.7
Aged 2 years to under 16 years	110	41	37.3
Aged 16 to under 65	1825	969	53.1
Patients with Chronic Heart Disease			
Aged 6 months to under 2 years	3	2	66.7
Aged 2 years to under 16 years	15	4	26.7
Aged 16 to under 65	267	148	55.4
Patients with Chronic Respiratory Disease			
Aged 6 months to under 2 years	0	0	--
Aged 2 years to under 16 years	84	34	40.5
Aged 16 to under 65	862	471	54.6

ImmForm – Uptake; National Report



- [Home](#)
- [Surveys](#)
- [Past Surveys](#)
- [Reports](#)
- [Administration](#)
- [Vaccine Supply](#)
- [Feedback](#)
- [FAQ](#)
- [Useful Links](#)
- [About Us](#)
- [My Menu](#)

You are signed in as **Kevin.Scott@dh.gsi.gov.uk** | [Sign Out](#)

[Surveys](#) >> [FluJan2010](#) >> [FluJan2010 \(HPA\)](#)

Seasonal Flu Vaccine Campaign (GP) 2009/10
 Seasonal Flu Vaccine Survey (GP) - January 2010 (1 Sep 09 to 31 Jan 10)
 SUMMARY for organisations under HPA

Report Date : 11/06/2010 16:22:37

7797 out of 8380 returns have been provided.



[Show in Excel](#)



[Click here to output the report to excel in portrait mode.](#)



[Click here for geographic view](#)



[Click here for barchart view](#)



[Click here to switch table axis](#)

SUMMARY

[65 And Over summary](#)

[All Patients](#)

[At Risk summary \(by age band\)](#)

[At Risk Details](#)

[Full report](#)

[Datasource breakdown](#)

[Software Suppliers breakdown](#)

Org Code	Org Name	Response Summary			Summary of Flu Vaccine Uptake %		
		No. of practices	No. of forms completed	% of practices responding	65 and over	Under 65 (all Patients)	Under 65 (at-risk only)
England	England	8380	7797	93.0	72.4	7.8	51.6
	Total	8380	7797	93.0	72.4	7.8	51.6

[National PCT Report](#)

[Campaign National Activity Report](#)

[Survey National PCT Activity Report](#)

[Anonymous Comparison Report](#)

ImmForm – Uptake; Regional Reports

SUMMARY

65 And Over summary

All Patients

At Risk summary (by age band)

At Risk Details

Full report

Datasource breakdown

Software Suppliers breakdown

Org Code	Org Name	Response Summary			Summary of Flu Vaccine Uptake %		
		No. of practices	No. of forms completed	% of practices responding	65 and over	Under 65 (all Patients)	Under 65 (at-risk only)
Q30	North East SHA	411	397	96.6	73.9	8.9	52.6
Q31	North West SHA	1296	1211	93.4	73.4	8.4	52.7
Q32	Yorkshire and The Humber SHA	826	815	98.7	73.4	8.5	52.4
Q33	East Midlands SHA	635	629	99.1	72.7	8.5	52.8
Q34	West Midlands SHA	984	899	91.4	71.5	7.9	51.9
Q35	NHS East of England	803	753	93.8	72.8	7.9	49.3
Q36	London SHA	1527	1414	92.6	70.9	6.2	50.4
Q37	South East Coast SHA	647	542	83.8	70.1	7.0	48.7
Q38	South Central SHA	508	455	89.6	72.9	7.6	53.6
Q39	South West SHA	743	682	91.8	72.9	8.4	51.8
	Total	8380	7797	93.0	72.4	7.8	51.6

ImmForm – Uptake; Trust reports

Surveys >> FluJan2010 >> FluJan2010 (HPA) >> England >> Q30

Seasonal Flu Vaccine Campaign (GP) 2009/10
 Seasonal Flu Vaccine Survey (GP) - January 2010 (1 Sep 09 to 31 Jan 10)
 SUMMARY for organisations under Q30

Report Date : 11/06/2010 16:26:36

397 out of 411 returns have been provided.



Show in Excel



Click here to output the report to excel in portrait mode.



Click here for geographic view



Click here for barchart view



Click here to switch table axis

SUMMARY

65 And Over summary

All Patients

At Risk summary (by age band)

At Risk Details

Full report

Datasource breakdown

Software Supplier breakdown

Org Code	Org Name	Response Summary			Summary of Flu Vaccine Uptake %			
		No. of practices	No. of forms completed	% of practices responding	65 and over	Under 65 (all Patients)	Under 65 (at-risk only)	
5D7	NEWCASTLE PCT	37	33	89.2	76.7	7.9	5	
5D8	NORTH TYNESIDE PCT	31	28	90.3	73.8	8.3	4	
5D9	HARTLEPOOL PCT	16	15	93.8	72.3	8.2	5	
5E1	STOCKTON-ON-TEES tPCT	26	26	100.0	72.2	8.2	5	
5J9	DARLINGTON PCT	12	11	91.7	74.1	8.5	5	
5KF	GATESHEAD PCT	33	33	100.0	74.7	11.1	5	
5KG	SOUTH TYNESIDE PCT	29	29	100.0	74.3	9.5	5	
5KL	SUNDERLAND TEACHING PCT	54	54	100.0	75.2	9.0	5	
5KM	MIDDLESBROUGH PCT	24	24	100.0	75.3	7.4	4	
5ND	COUNTY DURHAM PCT	77	75	97.4	71.2	8.8	4	
5QR	REDCAR & CLEVELAND PCT	23	23	100.0	75.7	9.4	5	
TAC	NORTHUMBERLAND CARE TRUST (PCT based)	49	46	93.9	74.4	10.0	5	
	Total	411	397	96.6	73.9	8.9	5	

ImmForm – Uptake; GP Report

SUMMARY

65 And Over summary

All Patients

At Risk summary (by age band)

At Risk Details

Full report

Datasource breakdown

Software Suppliers breakdown

Org Code	Org Name	Response?	Summary of Flu Vaccine Uptake %		
			65 and over	Under 65 (all Patients)	Under 65 (at-risk only)
A86003	SAVILLE MEDICAL GROUP, 7 SAVILLE PLACE, NEWCASTLE UPON TYNE, NE1 8DQ (SALKELD JV)	Yes	75.6	5.6	52.2
A86004	PROSPECT MEDICAL GROUP, 501 WESTGATE ROAD, NEWCASTLE UPON TYNE, NE4 8AY (ARCHER K)	Yes	75.8	7.8	61.3
A86006	ROSEWORTH SURGERY, 27-29 ROSEWORTH AVENUE, GOSFORTH, NEWCASTLE UPON TYNE, NE3 1NB (BURDON ACJ)	Yes	78.4	15.0	65.7
A86007	AVENUE MEDICAL PRACTICE, 5 OSBORNE AVENUE, JESMOND, NEWCASTLE UPON TYNE, NE2 1JQ (CONRAD KW)	No	--	--	--
A86008	THE PARK MEDICAL GROUP, FAWDON PARK ROAD, FAWDON, NEWCASTLE UPON TYNE, NE3 2PE (SUMMERS SP)	Yes	73.0	7.7	45.9
A86009	FALCON HOUSE SURGERY, 17-19 HEATON ROAD, HEATON, NEWCASTLE UPON TYNE, NE6 1SA (WHITE TA)	Yes	83.6	12.0	68.1
A86010	BIDDLESTONE HEALTH GROUP, BIDDLESTONE ROAD, HEATON, NEWCASTLE UPON TYNE, NE6 5SL (ROBSON DJ)	Yes	74.8	7.8	53.1
A86011	WALKER MEDICAL GROUP, CHURCH WALK, WALKER,	Yes	83.6	10.3	52.8

ImmForm: Surveillance

- **Incidence of Flu-like Illness also collected by ImmForm**
- **Data Sourced by automated uploads**
- **Data from key health organisations in UK**
- **Data provided on Monthly, Weekly and Daily Basis**
- **Data used extensively during Swine Flu Pandemic period**

ImmForm: Vaccine Ordering

- **Immform also provides a Vaccine Ordering facility which provides online vaccine ordering shop for all childhood vaccines, HPV and Swine Flu.**
- **Vaccine Ordering provides:**
 - **Order confirmation**
 - **Order despatch confirmation**
 - **Management of Vaccine Ordering Contacts**
 - **Future Orders**
 - **Cost indicators**

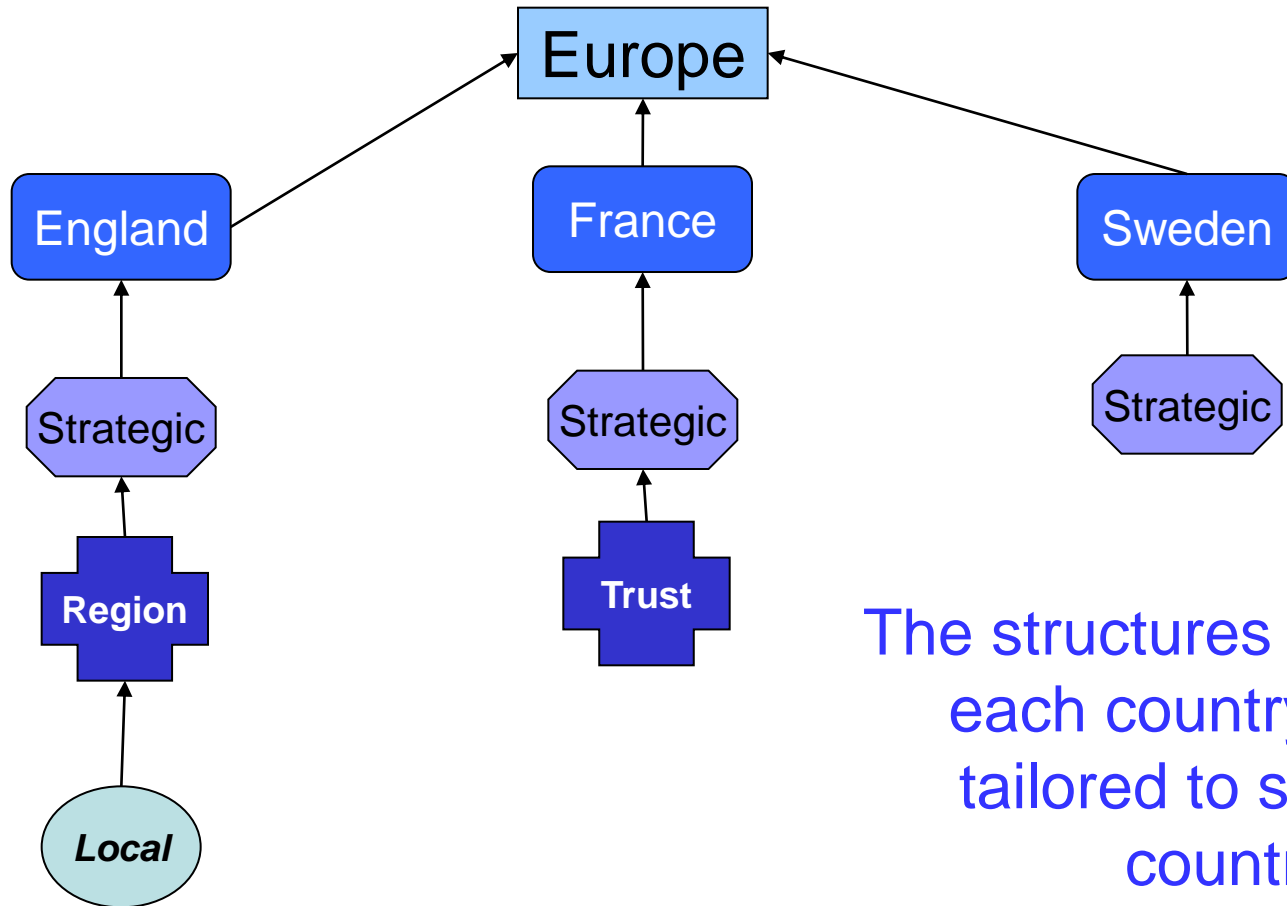
Benefits of an “ImmForm Style” European System

- One central data resource of Immunisation Uptake across Europe
- Ability to gain a picture of vaccine programme coverage and efficiency across Europe
- Standardised data collection methodology
- Economies of scale
- Provision of Data Collection Tool for countries who currently do not possess such facilities
- Potential for Surveillance collections, communications and possibly online vaccine ordering functionality

ImmForm Style System – What is not provided

- Monitoring not Clinical System, thus:
 - Collection of any personal level data
 - ImmForm can only utilise aggregated data
 - Recording of vial data (i.e. matching person to vial administered)

ImmForm – How it might look?



The structures used within each country can be tailored to suit each country.

Issues of a Single System for Europe

- Consistent Data Collection Sets
- Consistent Read Codes
- Consistent Risk Groups
- Initial data likely to be entered manually.
- Automatic loading requires collaboration with local systems suppliers.
- Extensive business analysis required for each country
- Training
- Support Team for each country
- Funding

ECIS – Collaborative Working Workshop (Session 4)

- Session 4 will look to take the potential of a monitoring related system for Europe further by looking:
 - To define how European partners can work together to develop a central data resource in relation to immunisation uptake data
 - To define high level requirements for a central data resource
 - To define the immunisation programmes that should be included
 - To provide a high level take on risks and issues
 - To provide a high level take on data standards