



# Summer Schools 2023

a digitalhealth event 

27-28 July

#DHSS23

## Masterclass: orchestrating a converged EPR deployment across three NHS trusts

### Dr Alec Price-Forbes

CCIO  
University Hospitals  
Coventry and Warwickshire  
NHS Trust

### Dan Milman

CEO  
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### Manoj Srivastava

CIO  
George Eliot Hospital NHS  
Trust

### Chair: Ronke Adejolu

National Associate CNIO  
NHS England



# Our challenge

Cost	Demographics	Access	Variation in Clinical Practice
			
			
<b>Inefficient Use of Information</b>	<b>Fragmented Care Versus Integrated Care</b>	<b>Duplication, Defensive Medicine &amp; Waste</b>	<b>Protracted Adoption of Innovation</b>

# HOSPITAL PRESCRIPTION FORM

\*\*\* IMPORTANT - IMMEDIATE ACTION \*\*\*

This form can only be dispensed at the Pharmacies of University Hospital (Coventry)  
or Hospital of St Cross (Rugby).

\*\* Please notify pharmacy staff of any allergies when handing in prescription \*\*

CONSULTANT <b>PRICE-FORGES</b>		SURNAME: <b>POTTER</b>		FORENAME(S): <b>HARRY</b>	
CLINIC/DEPARTMENT <b>RHEUMATOLOGIST</b>		ADDRESS: <b>CUPBOARD UNDER THE STAIRS 4 PRIVET DRIVE LITTLE WIMMINGING SURREY</b>			
PHARMACY USE ONLY					
Time in: _____					
Pager No: _____ or _____					
Calling Back on: _____					
EXEMPT / PAID / TO PAY PAY AT G.O. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		HOSPITAL NO. <b>H12345</b>	DATE OF BIRTH <b>31/7/1980</b>	ALLERGIES (if none state NKDA) <b>NO IDEA</b>	
TIME OUT: _____		WEIGHT IN Kg. <b>DON'T KNOW</b>			
PHARMACY ENDORSEMENTS					
<b>GP REFUSAL</b>		<b>METHOTREXATE (NORDIMET) S/C INJECTIONS 15mg ONCE A WEEK ON A MONDAY FOLIC ACID 10 5mg ONCE A WEEK ON A TUESDAY HYDROXYCHLOROQUININE PO 200mg BD PREDNISOLONE PO <del>15mg</del> 20mg daily reducing by 5mg each week to 5mg/d 3/12</b>			
		CLIN CHK		DISP	FINAL CHK
				GMC/IP No: <b>4314303</b>	
				PRESCRIBER'S SIGNATURE: 	
				PRINT NAME: <b>PRICE-FORGES</b> BLEEP/EXT No: <b>24210</b>	
<b>UNIVERSITY HOSPITALS COVENTRY &amp; WARWICKSHIRE NHS TRUST</b> Rugby St Cross Hospital CV22 5PX                      University Hospital CV2 2DX					
<b>** PLEASE COMPLETE REVERSE OF FORM **                      H/ 79290</b>					

- 60 year old; increasingly unwell and breathless
- Echo showed severe heart failure
- During hospital stay has an allergic reaction – rash and hypotension to **Teicoplanin**

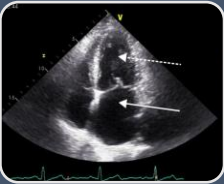
- Re-presents to second hospital with acutely ischaemic leg
- Transferred to a third hospital where the Vascular team investigate and decide on surgical treatment; a complex bypass procedure

## Separate EPRs across Trusts



Anaesthetic review: no other hospital records

No notes, echo, allergies, reports



Requests echo – not done for 3 days  
Surgery delayed



Surgery: given teicoplanin - Anaphylaxis, prolonged hypotension



Revascularisation unsuccessful (delay, ↓BP) Pt requires ICU, poor outcome

## Single EPR across Trusts



Anaesthetic review: single instance EPR – all relevant information from other care settings available



Echo reviewed, EPR auto-alerts allergies and populates risk assessment tools



Surgery performed: successful re-vascularisation



Patient on common enhanced recovery pathway, discharged to community with shared information about ongoing care

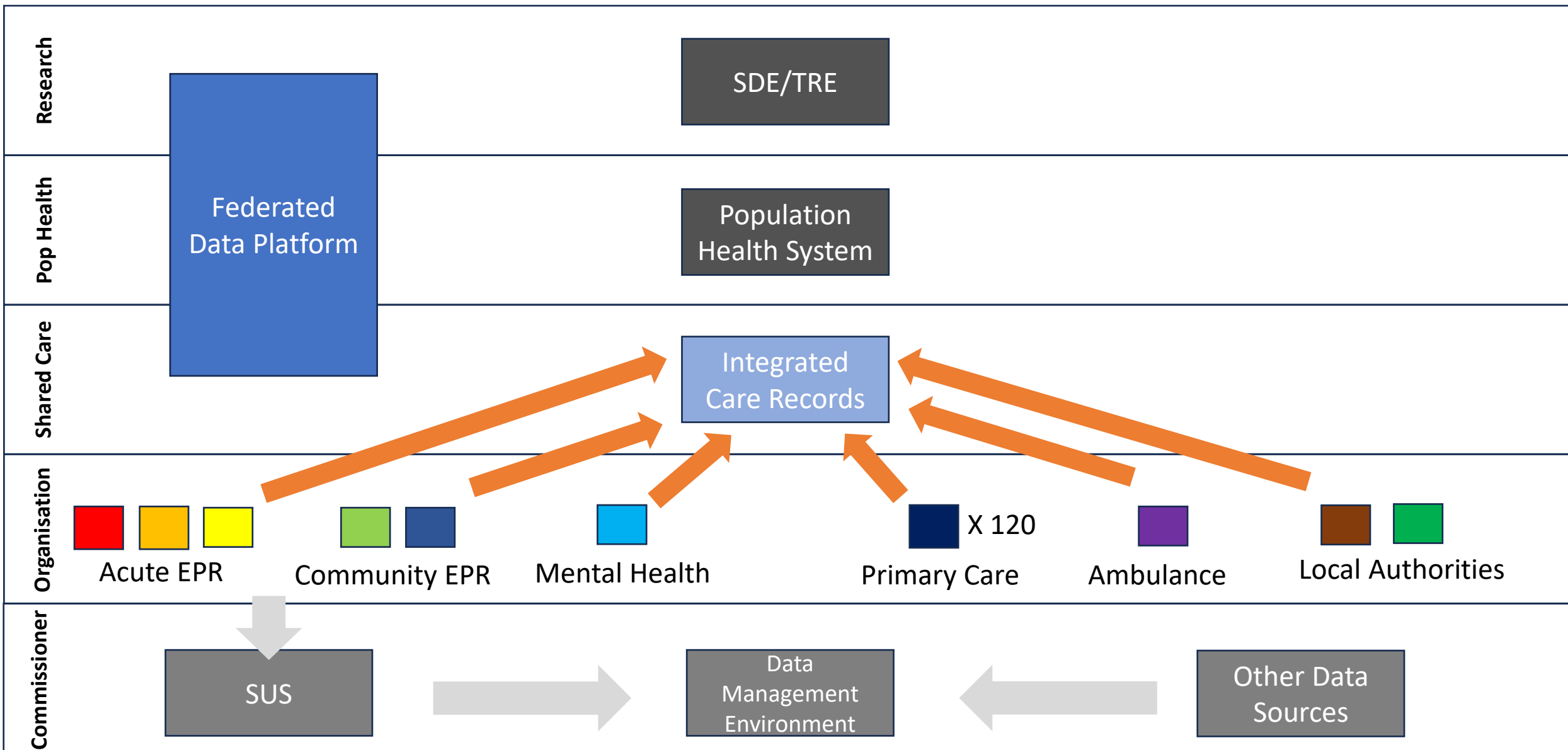
# Health inequalities is the case for change

Within Coventry, along the number 7 bus route:

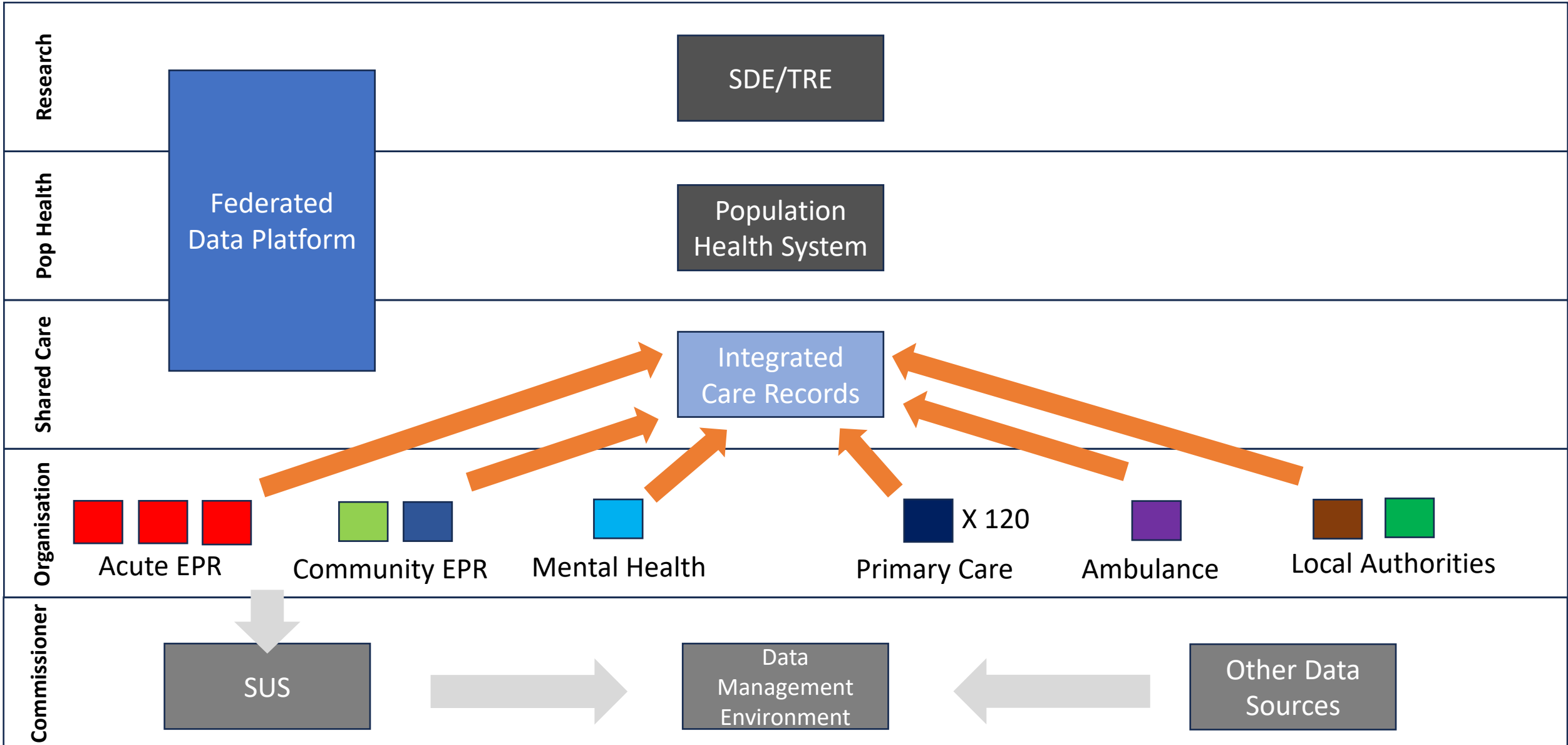
**7.0 years** is the difference in how long males are expected to live in two areas of Coventry, the gap increases to **10.1 years** for females along the same route.



# Existing Architecture (Interfaced EPR)

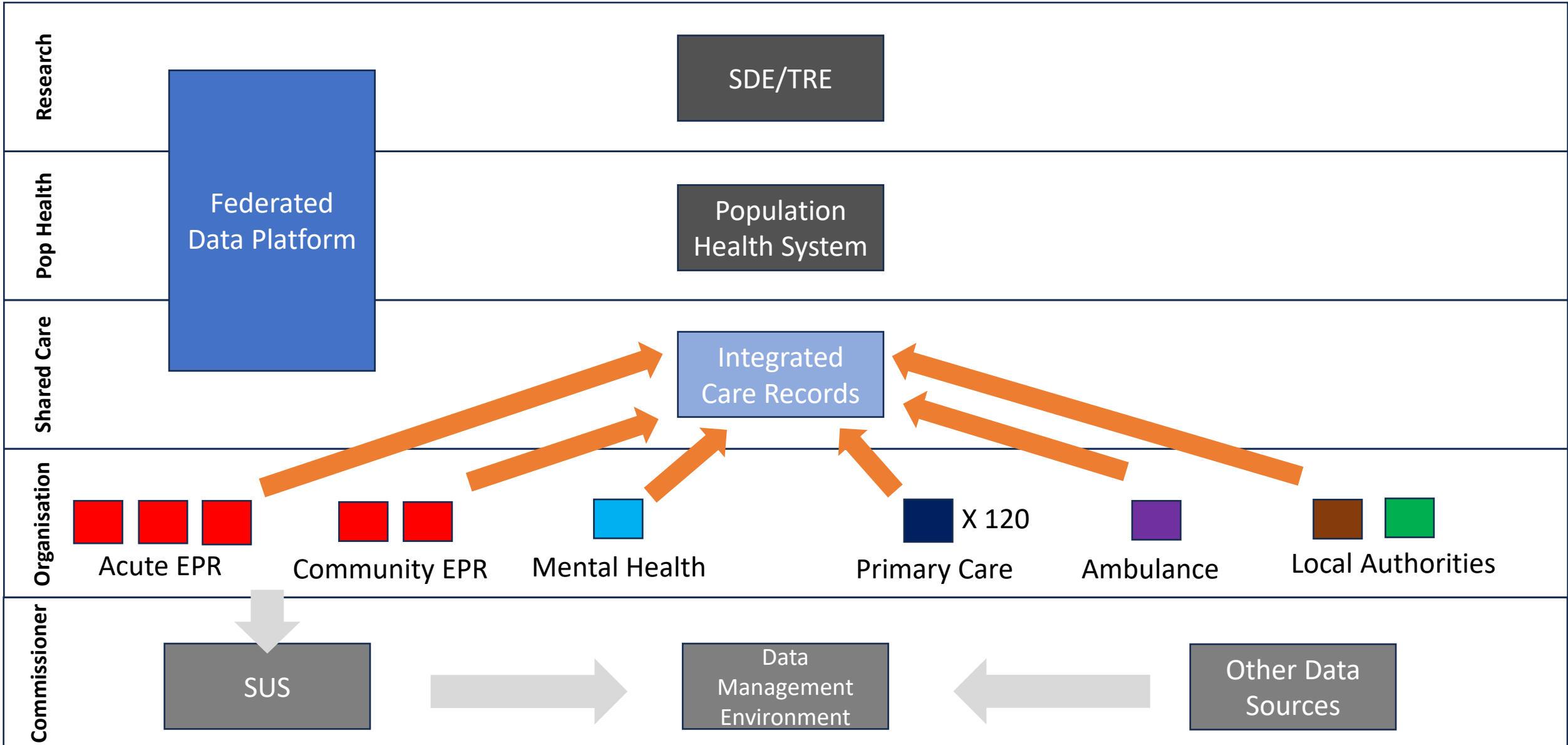


# Consolidated EPR (Acute)

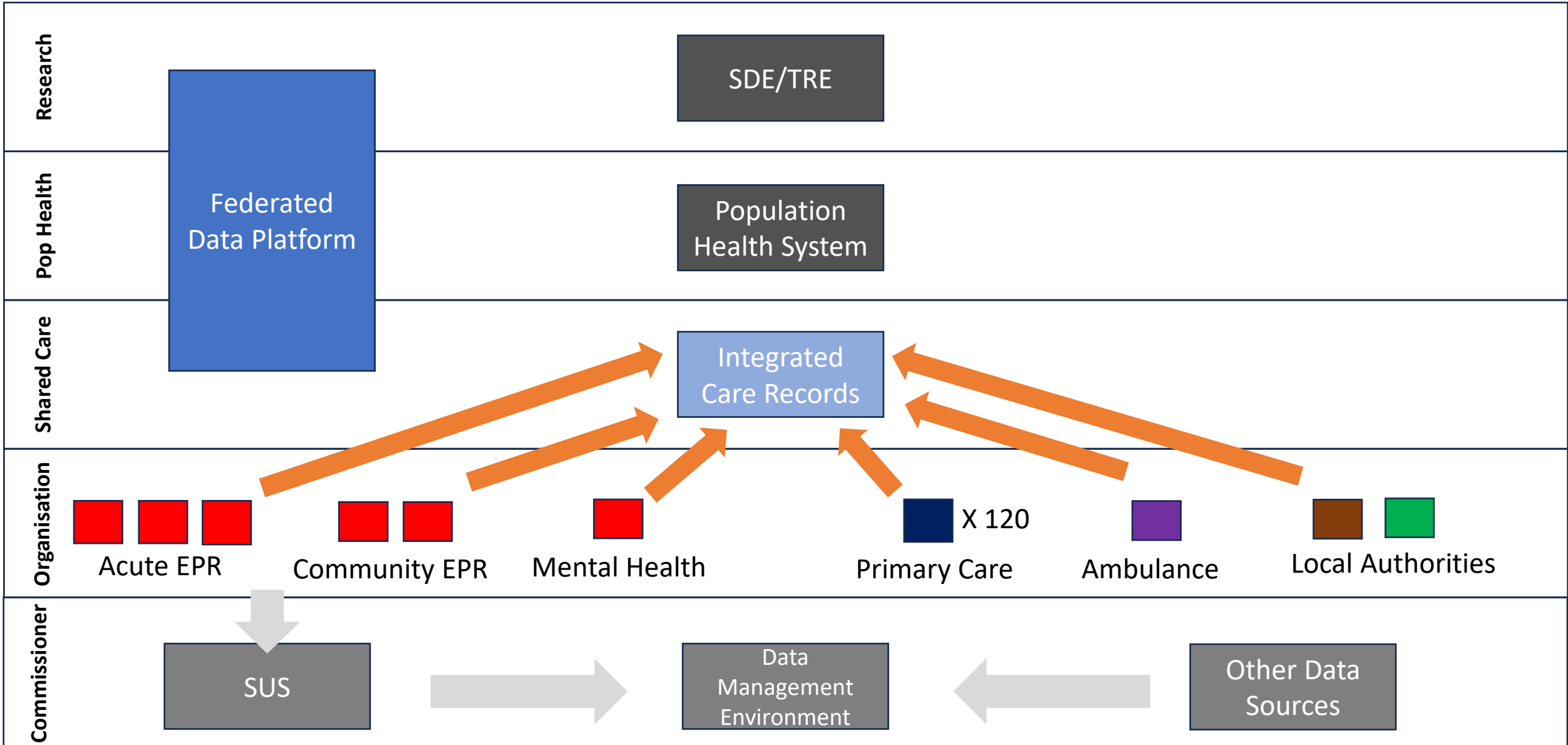




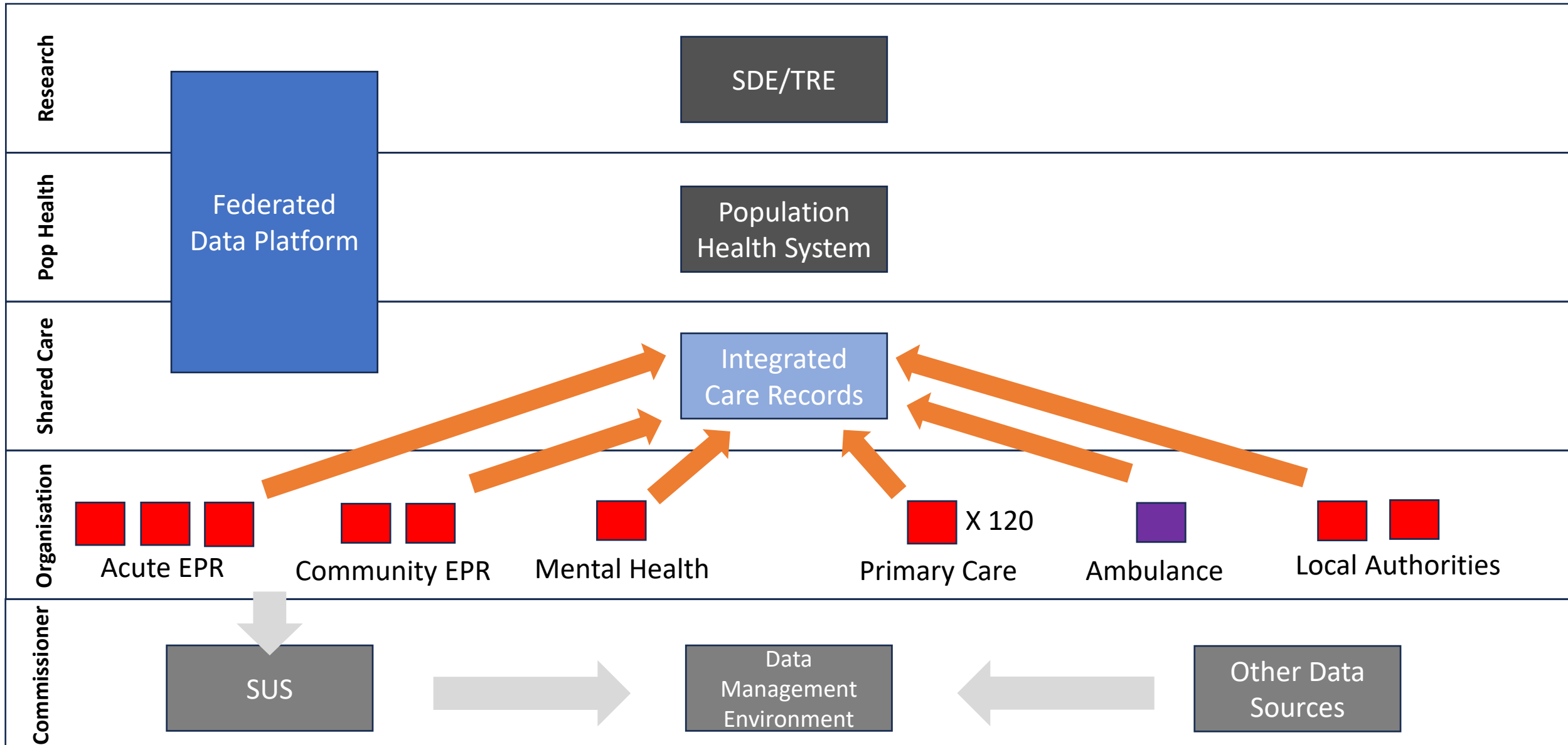
# Consolidated EPR (Acute & Community)



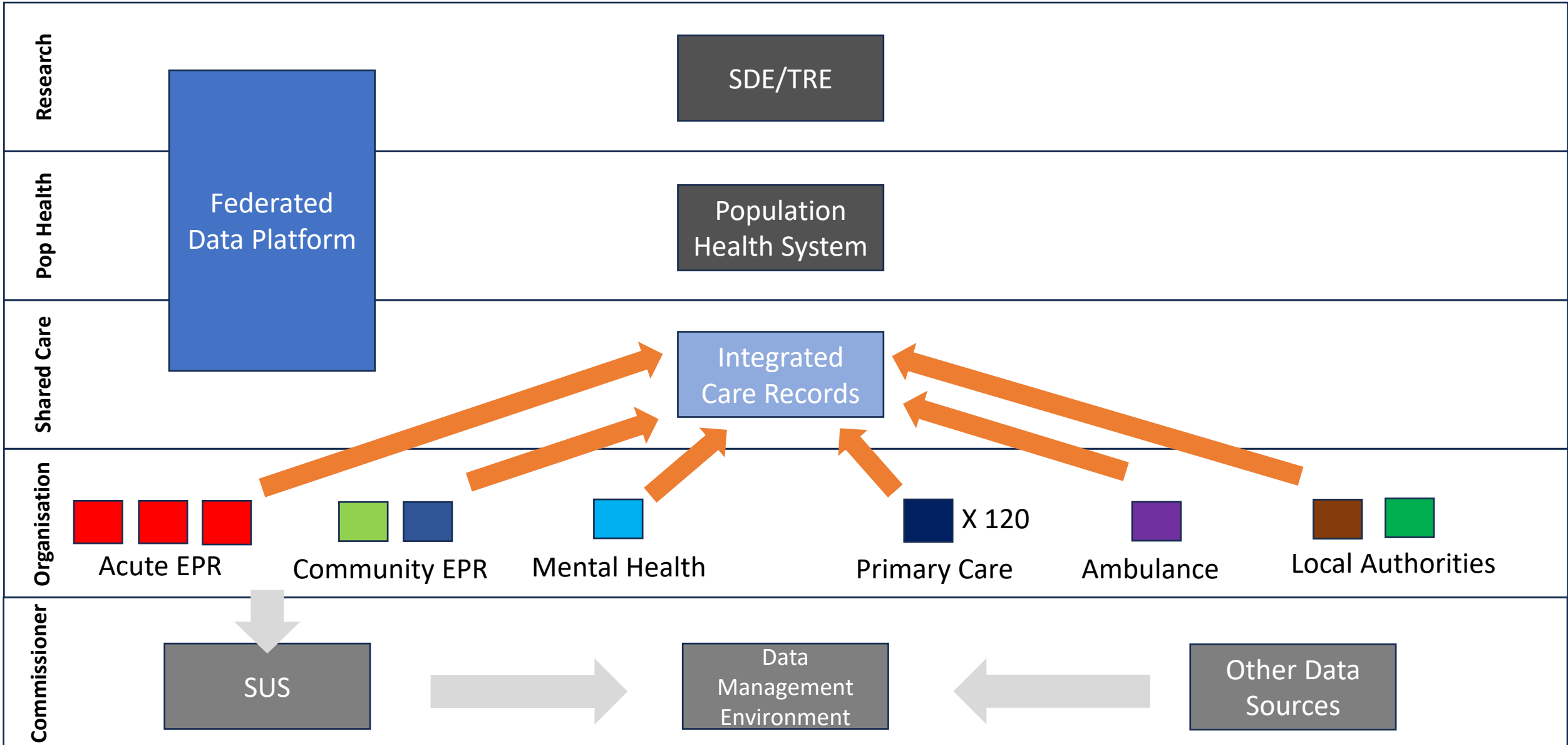
# Consolidated EPR (Acute, Community & Mental Health)



# Consolidated EPR (Acute, Community, Mental Health, Primary Care & Social Care)



# Consolidated EPR (Acute)



# Don't forget our purpose!





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