Additional datafile 3: Distribution of pharmacy services in relation to potential need across Local Authorities in England

**Emergency hormonal contraception (EHC)** – proportion of pharmacies providing against under 18 pregnancy rates per 1000 females (n=140; r=0.161; p=0.057)

![Image of scatter plot showing the relationship between under 18 pregnancy rate and proportion pharmacies providing EHC.](image1)

**Chlamydia screening** – proportion pharmacies providing against new STIs per 100,000 population (n=88; r=-0.078; p=0.467)

![Image of scatter plot showing the relationship between number of new STIs and proportion pharmacies providing chlamydia screening.](image2)
Supervised consumption – proportion pharmacies providing against age-standardised mortality rate from drug misuse per 100,000 population (figures not available for all areas) (n=79; r= 0.113; p=0.321)

Needle syringe programmes – proportion pharmacies providing against age-standardised mortality rate from drug misuse per 100,000 population (figures not available for all areas) (n=77; r=0.055; p=0.633)
**NHS Health Checks** – proportion of pharmacies providing against age-standardised rate of mortality from all cardiovascular diseases in persons less than 75 years per 100,000 population (showing only the areas commissioned to provide a service) \( n=45; r=-0.146; p=0.338 \)

\[ \text{Proportion pharmacies providing NHS Health checks} \quad \begin{array}{c} \text{Under 75 CV mortality rate} \\
\end{array} \]

**NHS Health Checks** – proportion providing against diabetes prevalence (showing only areas commissioned to provide a service) \( n=45; r=0.244; p=0.107 \)

\[ \text{Proportion pharmacies providing NHS Health checks} \quad \begin{array}{c} \text{Diabetes rate} \\
\end{array} \]
Smoking cessation – proportion of pharmacies providing against smoking prevalence (n=130; r=0.156; p=0.076)

Alcohol screening and brief advice – proportion pharmacies providing against directly-standardised alcohol-related hospital admissions per 100,000 (showing only the areas commissioned to provide a service) (n=23; =0.321; p=0.135)