



Care Pathways at End of Life

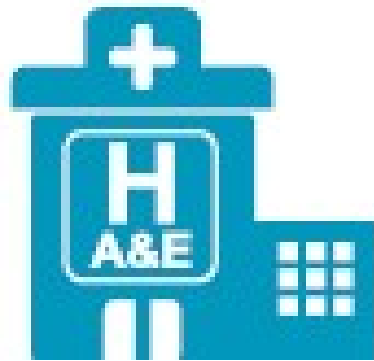
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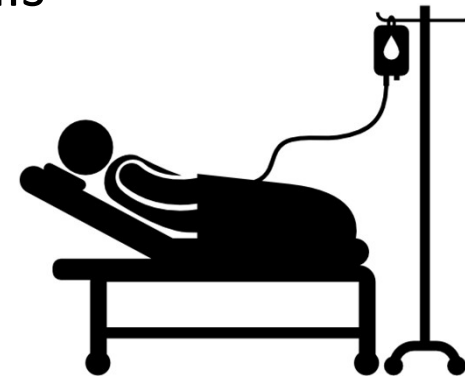
End of Life Stats FY 2017/18



Over 56,000
Individuals



2 A&E Attendances
per Individual



26 Emergency Beddays
per Individual



1 in 10 experience a delay
21 Delayed Beddays
per Individual

Pathway Aims

Understand how individuals flow through and between different Health and Social Care services in a highly accessible and story-driven format.

Using **Process Mining** techniques, a relatively new field in Data Science, we can take longitudinal data to create pathway diagrams.

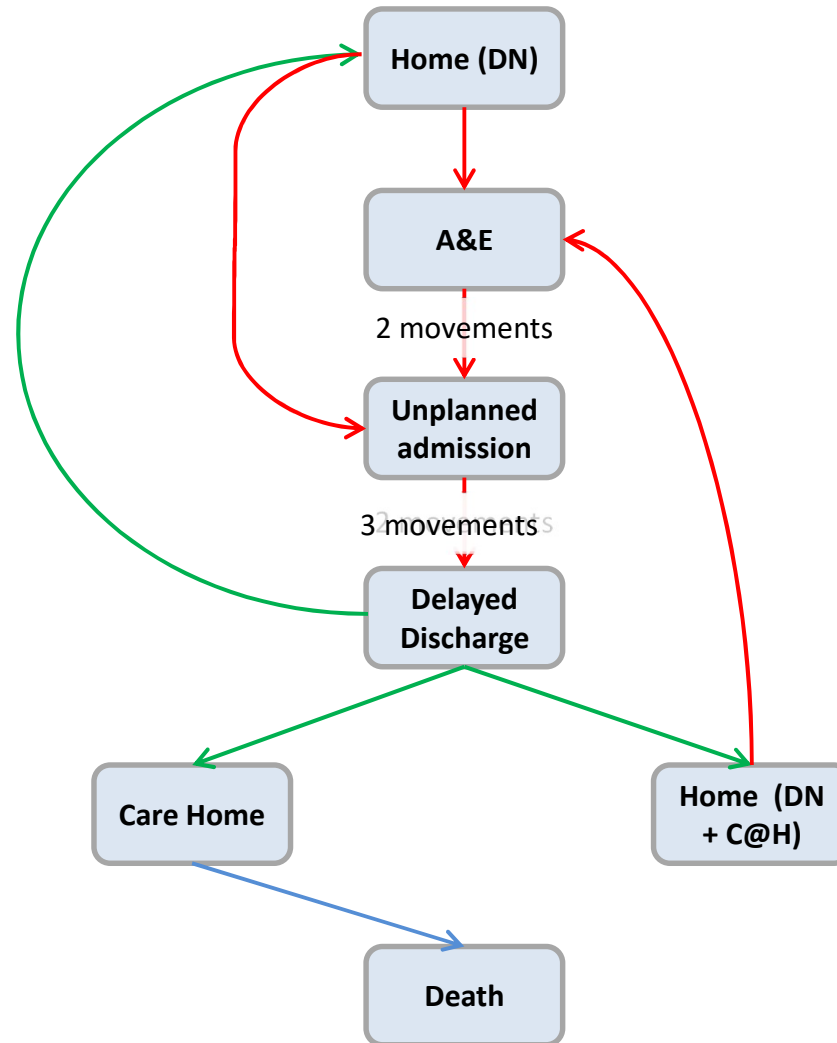
Utilise novel process mining techniques to:

Evaluate current care pathways

Engage with local service managers, clinicians etc.

Establish alternative models of care

Jimmy's* Pathway

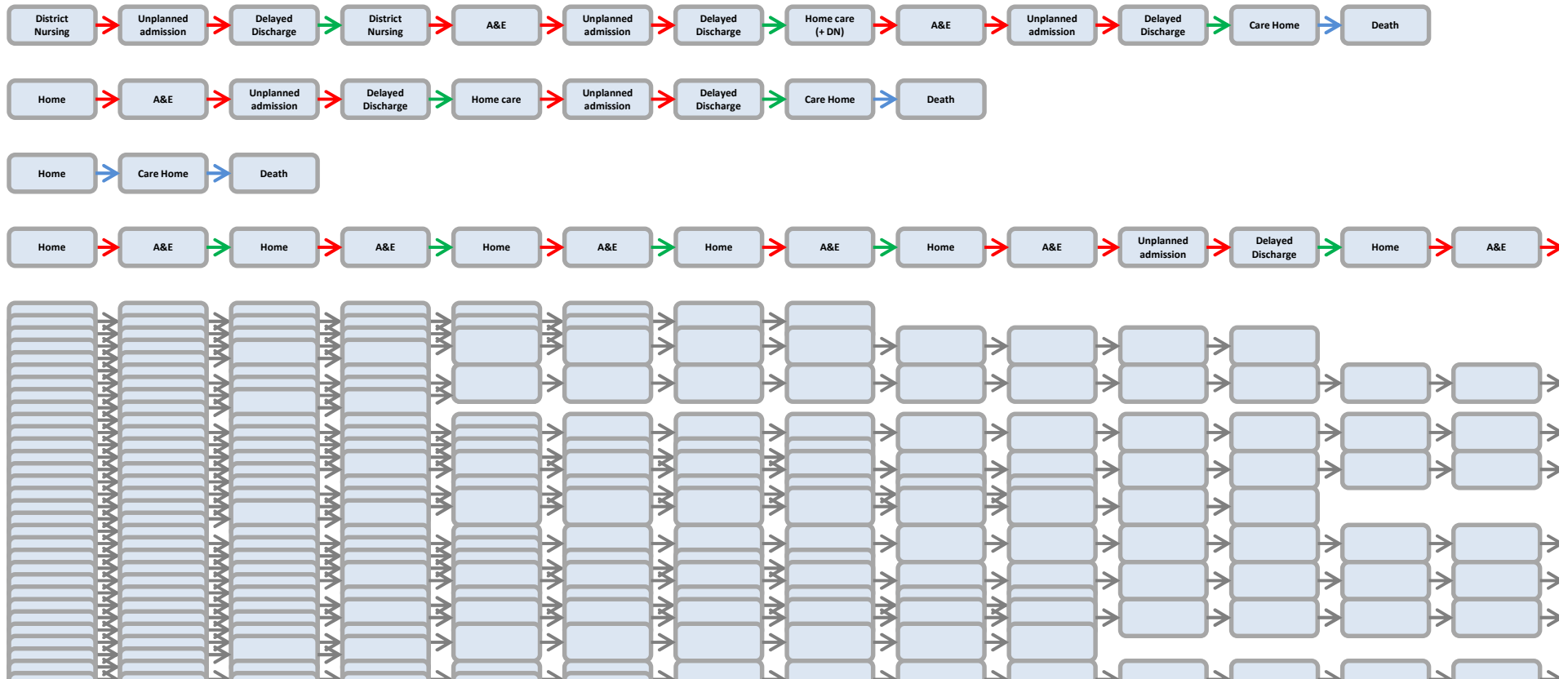
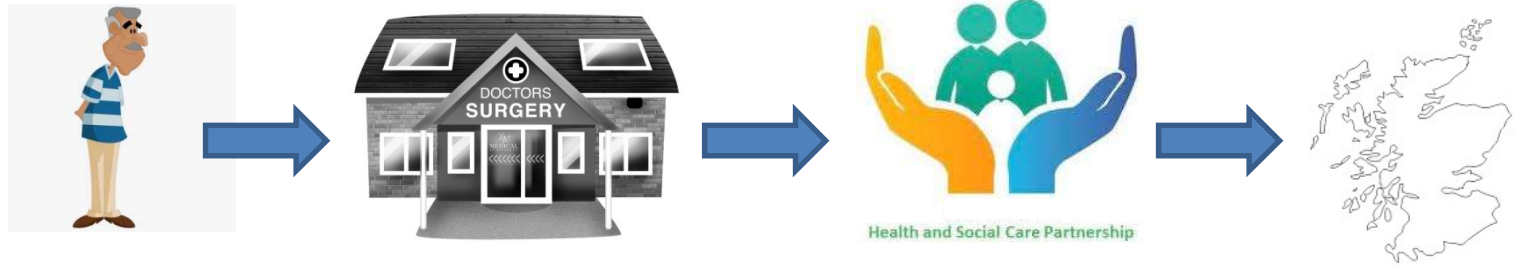


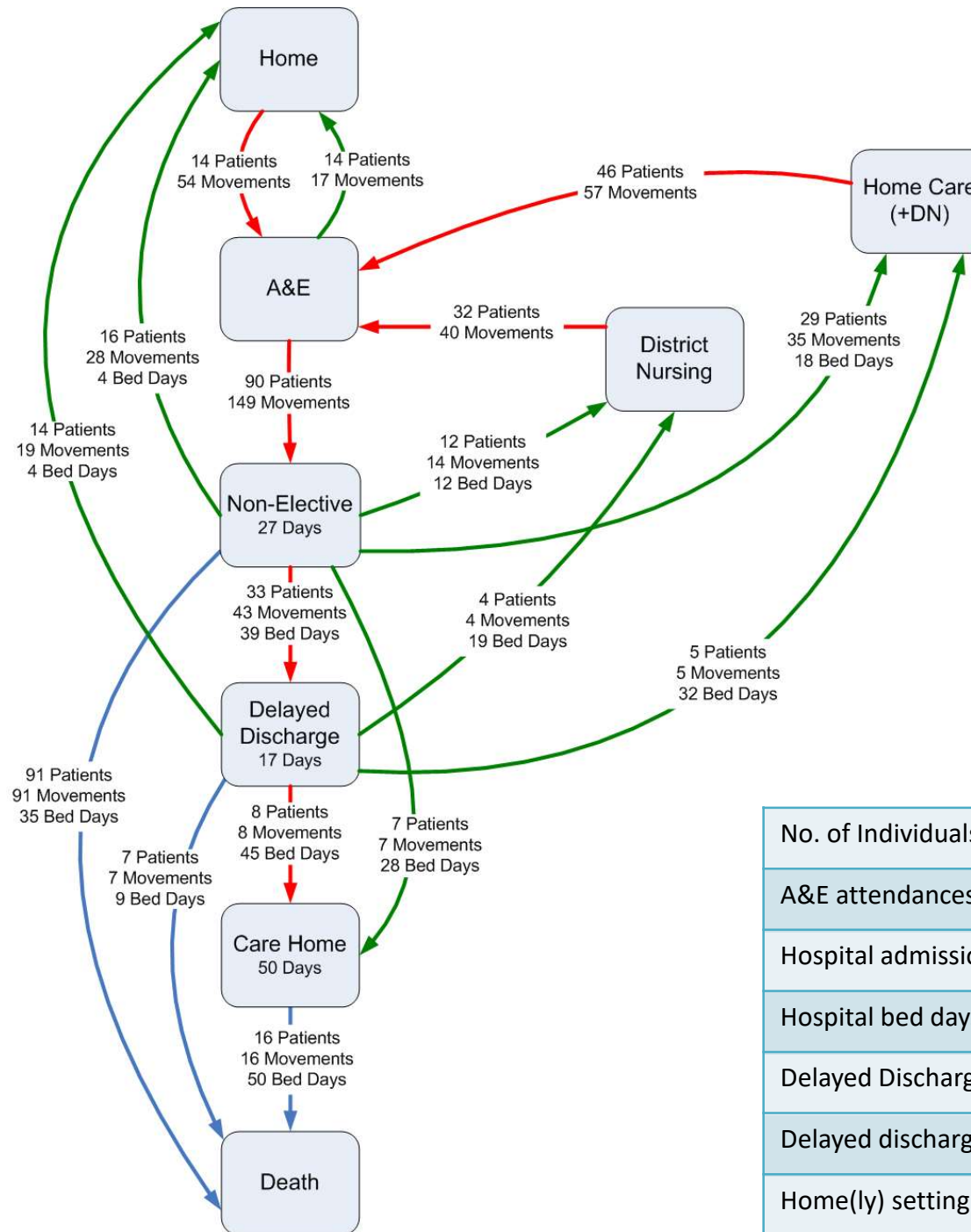
A&E attendances	2
Hospital admissions	3
Hospital bed days	141
Delayed discharge (days)	36
Home(ly) setting (days)	188

DN = District nursing
C@H = Care at home

*Jimmy is an entirely fictional character

Population View





No. of Individuals	159
A&E attendances	184 (1.2)
Hospital admissions	245 (1.5)
Hospital bed days	13,781 (87)
Delayed Discharges	63 (0.4)
Delayed discharge (days)	1,134 (7)
Home(ly) setting (days)	43,120 (271)



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