

InforMH
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AMHOCN Forum





InforMH

■ Purpose

- Building knowledge, supporting services, improving care

■ Priorities

- Building reliable systems.
- Providing timely, accurate and balanced analysis .
- Gathering the best available evidence about effective mental health care.
- Making information accessible.

Overview

- Inpatient rehabilitation as an example
- Focus
 - Data quantity and quality
 - Heirarchy of possible questions
- Process
- System capacity for outcomes

Heirarchy of clinical questions

■ Correlates/predictors (External)

- Differences between responders/non-responders
- Service correlates/predictors (resources, staffing, integration, specialisation, training ...)

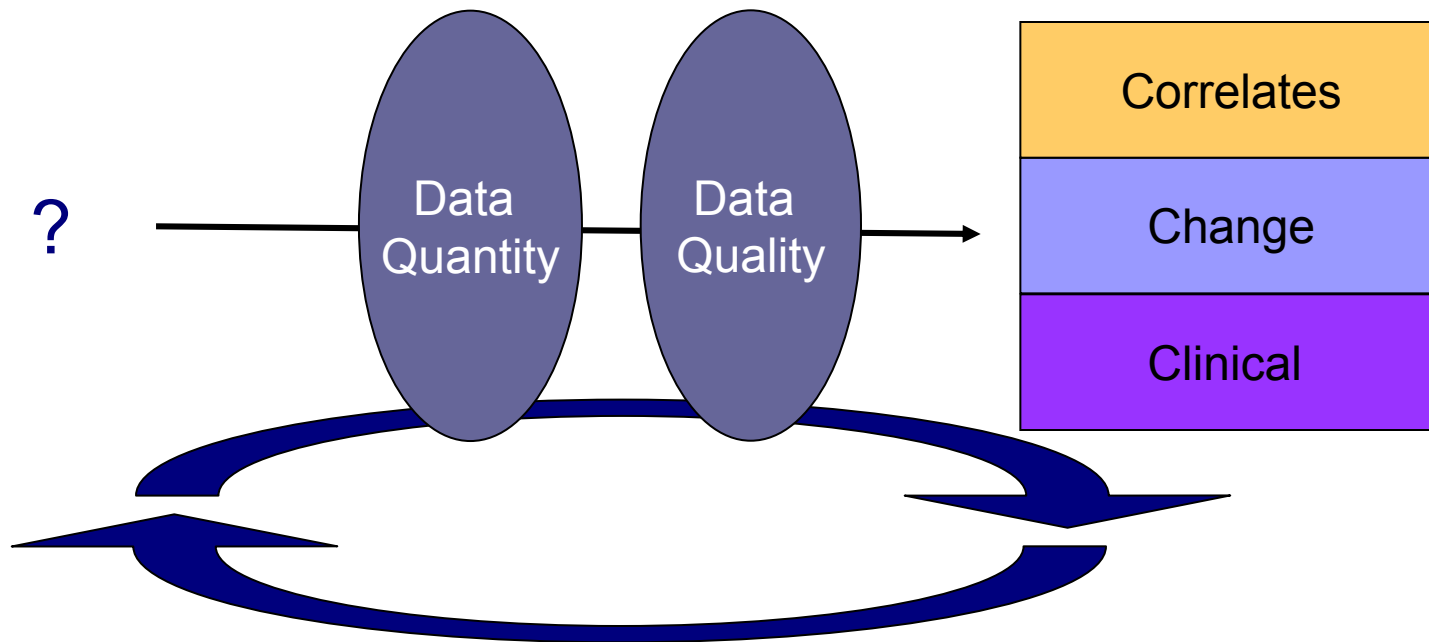
■ What is changing? (Longitudinal)

- Degree of change
- Differences between units

■ Who are we seeing ? (Cross Sectional)

- Profile of Sx, disability
- Different service settings,
- comparing units of like service settings
- Quantifying specific problems (what percentage of pts have)

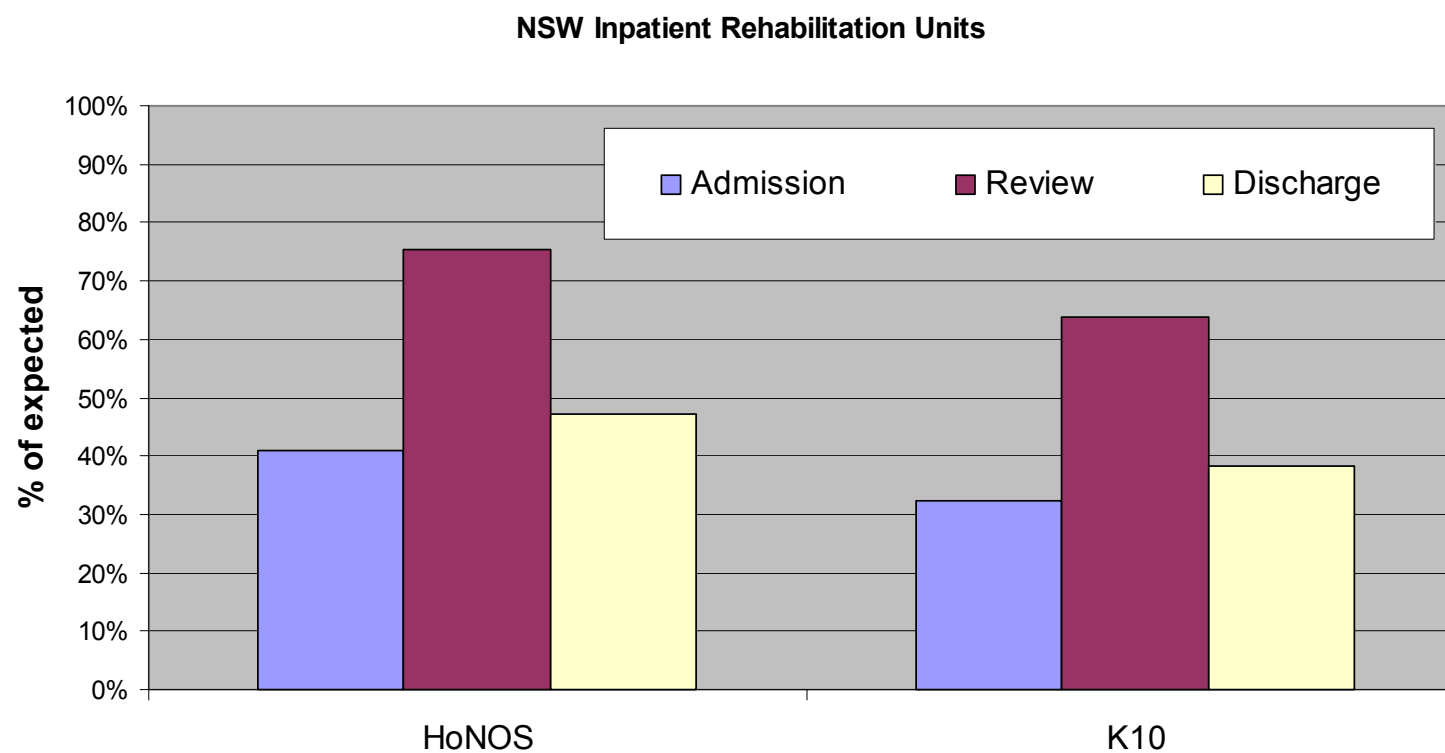




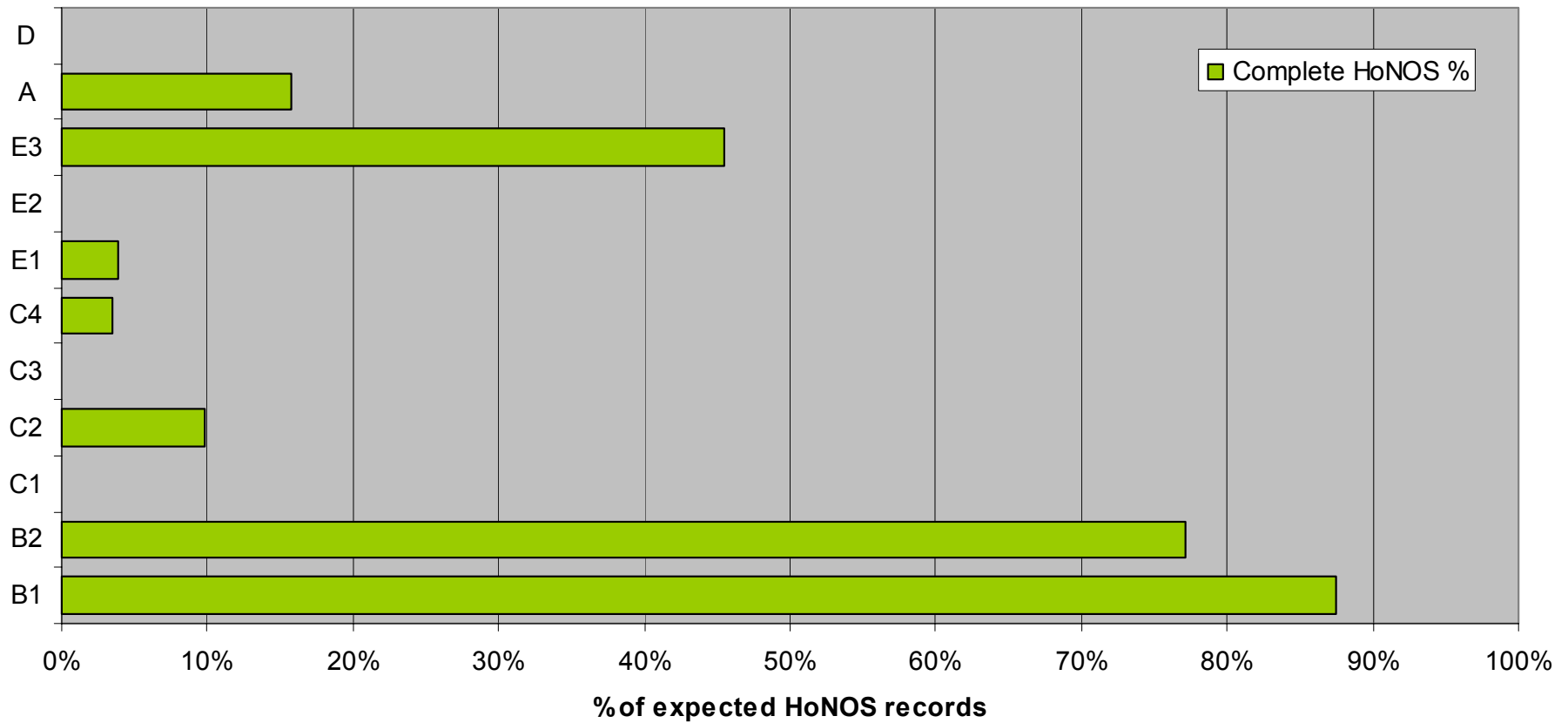
Non-Acute

OCCUPANCY		Adms	Average	Adms
Unit Name		(02 - 03)	Occupancy %	/bed/ year
REHABILITATION	POW MHRU*	42	60%	3
	Cumberland Acacia	41	99%	2.1
	Macquarie Figtree	40	91%	2
	Morisset Kaoriki	38	100%	3.2
	Cumberland Willow	29	90%	1.5
	Bloomfield Manara	29	90%	1.8
	Bloomfield Turon*	29	90%	1.8
	Macquarie Cottages	26	100%	1.1
	Macquarie Henley*	22	90%	1.8
	Cumberland Waratah	-	-	-
	Cumberland Boronia	-	-	-
	Average		33	90%
Median		29	90%	1.8
EXTENDED CARE	Rozelle WRC, 28 West**	134	77%	3.4
	Macquarie Tarban	47	94%	2.4
	Morisset Willaroo	40	93%	0.7
	Macquarie Hamilton House	22	100%	1.1
	Cumberland Banksia	17	97%	0.7
	Bloomfield Moonyah	10	74%	0.5
	Macquarie Bridgeview	7	98%	0.4
	Macquarie Manning	5	100%	0.2
	Cumberland Jarrah	3	95%	0.2
	Kenmore Extended Care	-	-	-
Average		32	92%	1.1
Median		17	95%	0.7
OLDER PEOPLE	Bloomfield Amaroo	87	82%	3.6
	Rozelle Ward 18	29	88%	1.2
	Bloomfield Audley	18	79%	0.6
	Morisset Ibis	15	100%	0.5
	Rozelle Ward A	7	59%	0.6
	Macquarie Lavender	7	100%	0.2
	Rozelle Ward H	6	100%	0.4
	Bloomfield Wattle Grove	1	98%	0.1
	Kenmore Aged Care	-	-	-
Average		21	88%	0.9
Median		11	93%	0.55
FORENSIC	Morisset Kestrel	44	100%	1.5
	Cumberland Bunya	23	100%	1
NSW Total		776	92%	1.3

Data quantity

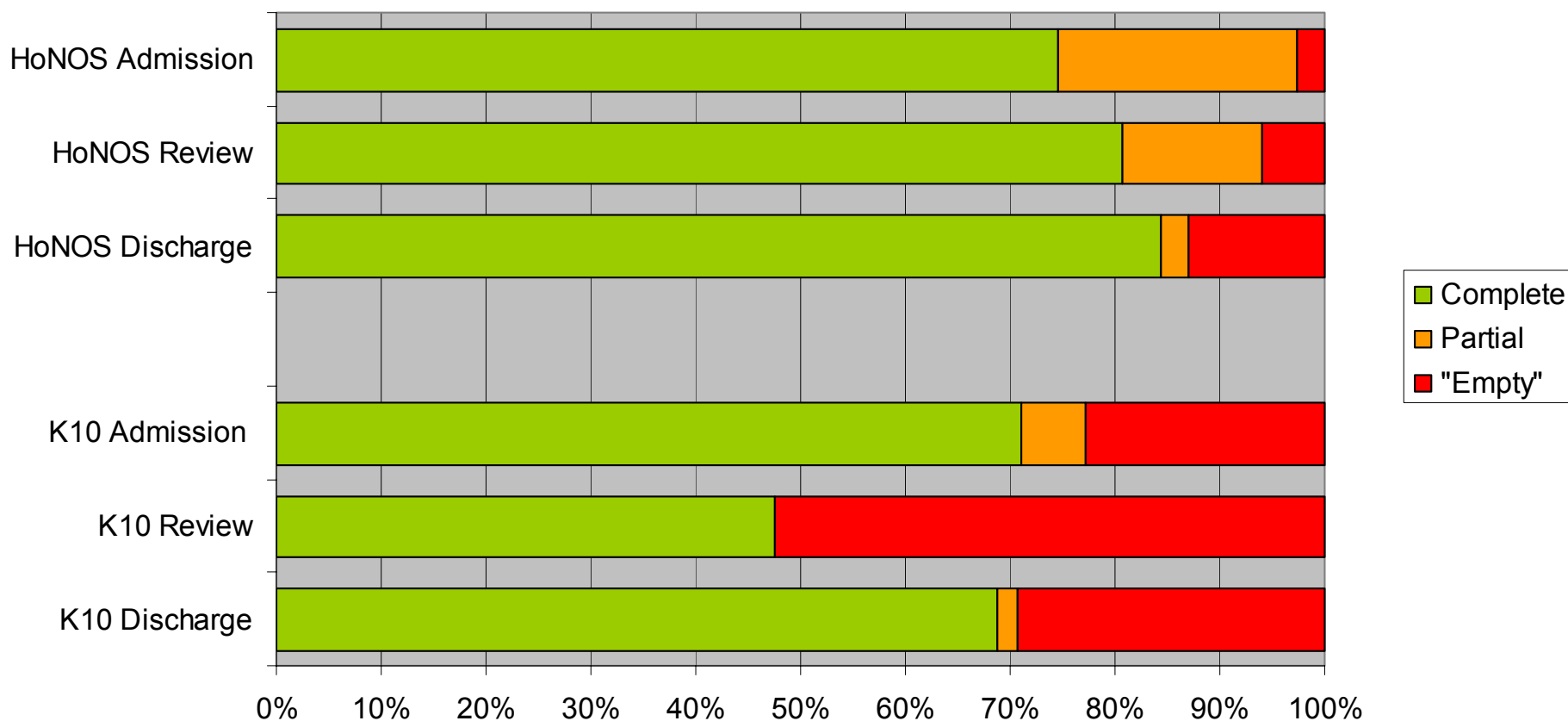


NSW Inpatient Rehabilitation Units



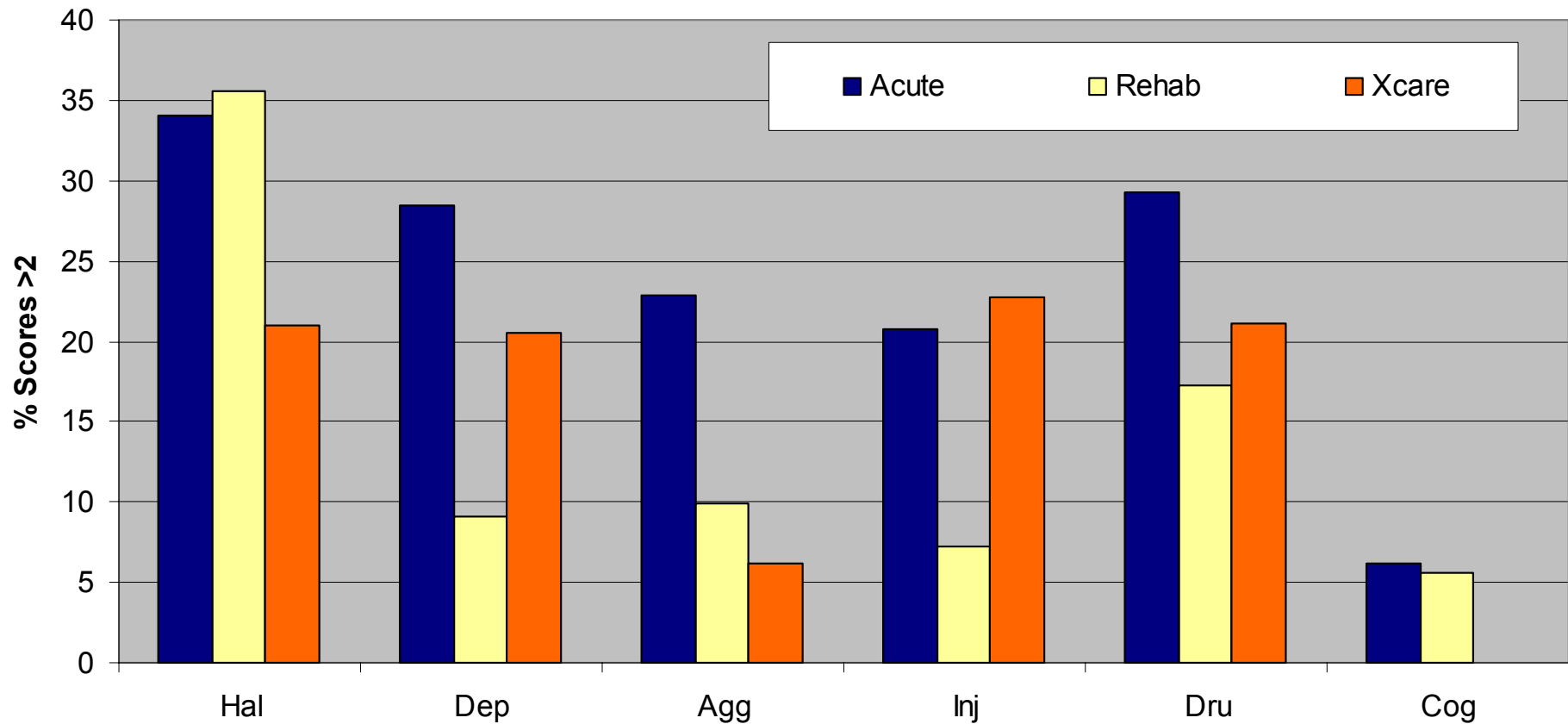
Data quality

NSW Inpatient Rehabilitation Units



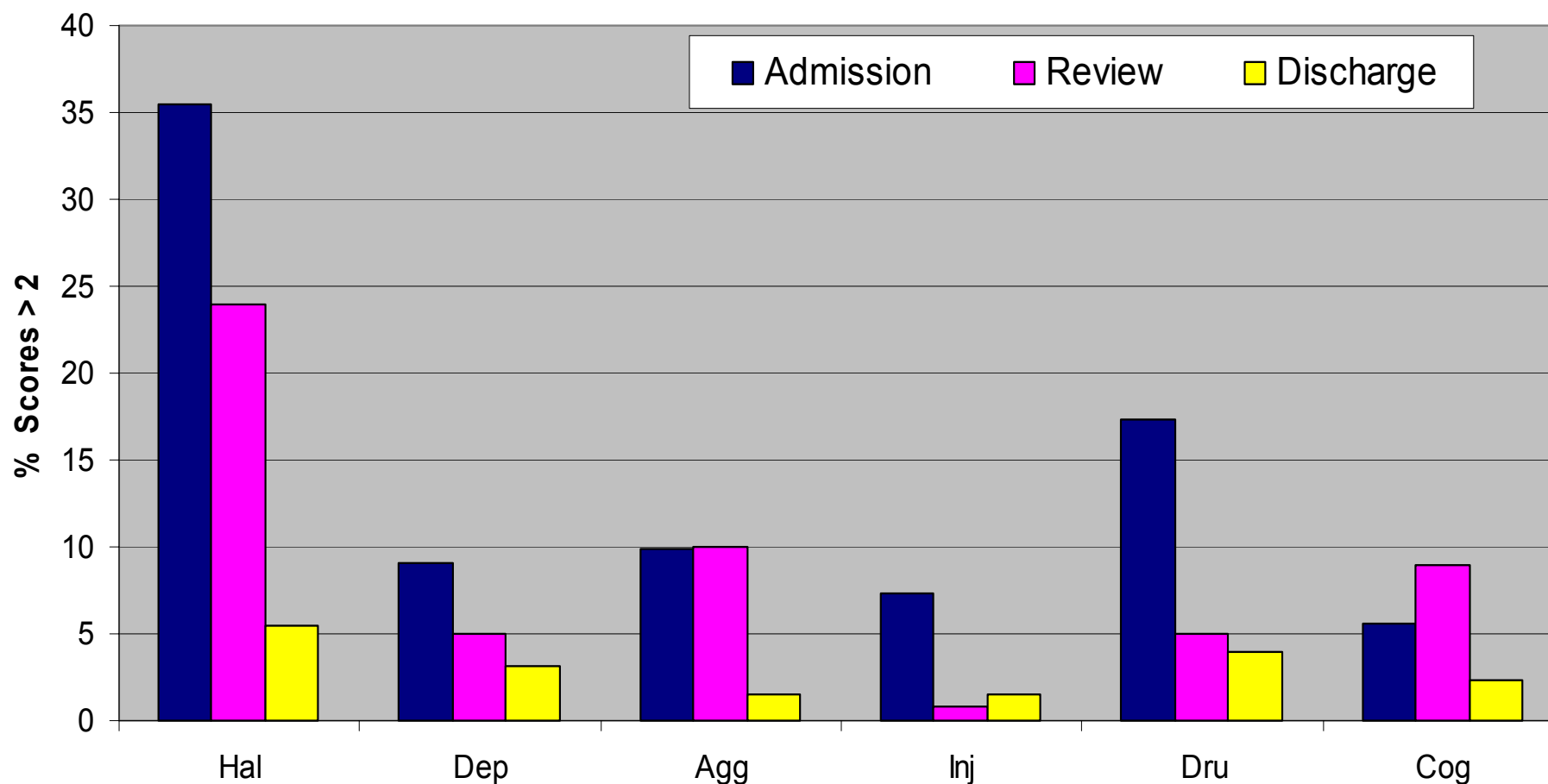
Clinical (Cross sectional)

HoNOS subscale scores



Change (Longitudinal)

HoNOS Subscale Scores



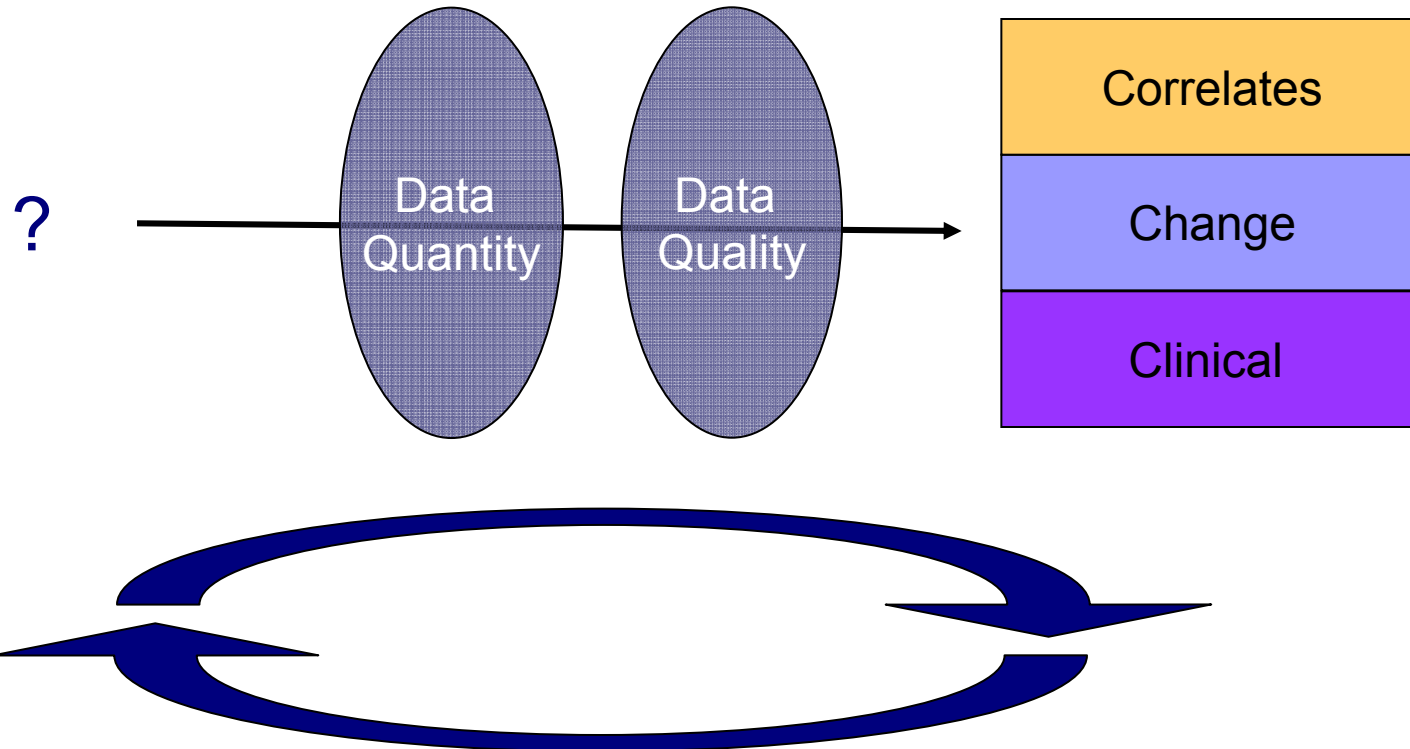
Correlates (External)

■ Sources of information

- Access, Flows
- Staffing, Resources
- Interventions
- Organisation (eg Integration, partnerships)

■ Questions / issues

- Do rehab services providing specific interventions (eg CBT) have better outcomes on relevant dimensions?
- What is the relative contribution of clinical and service variables to length of inpatient rehab stay and level of residual disability?
- Do services with higher rates of D&A probs devote more resources to D&A or have different outcomes?
- Do services with “evidence-based” vocational rehab have better outcomes on related functional dimensions than those with traditional diversionary work programmes?

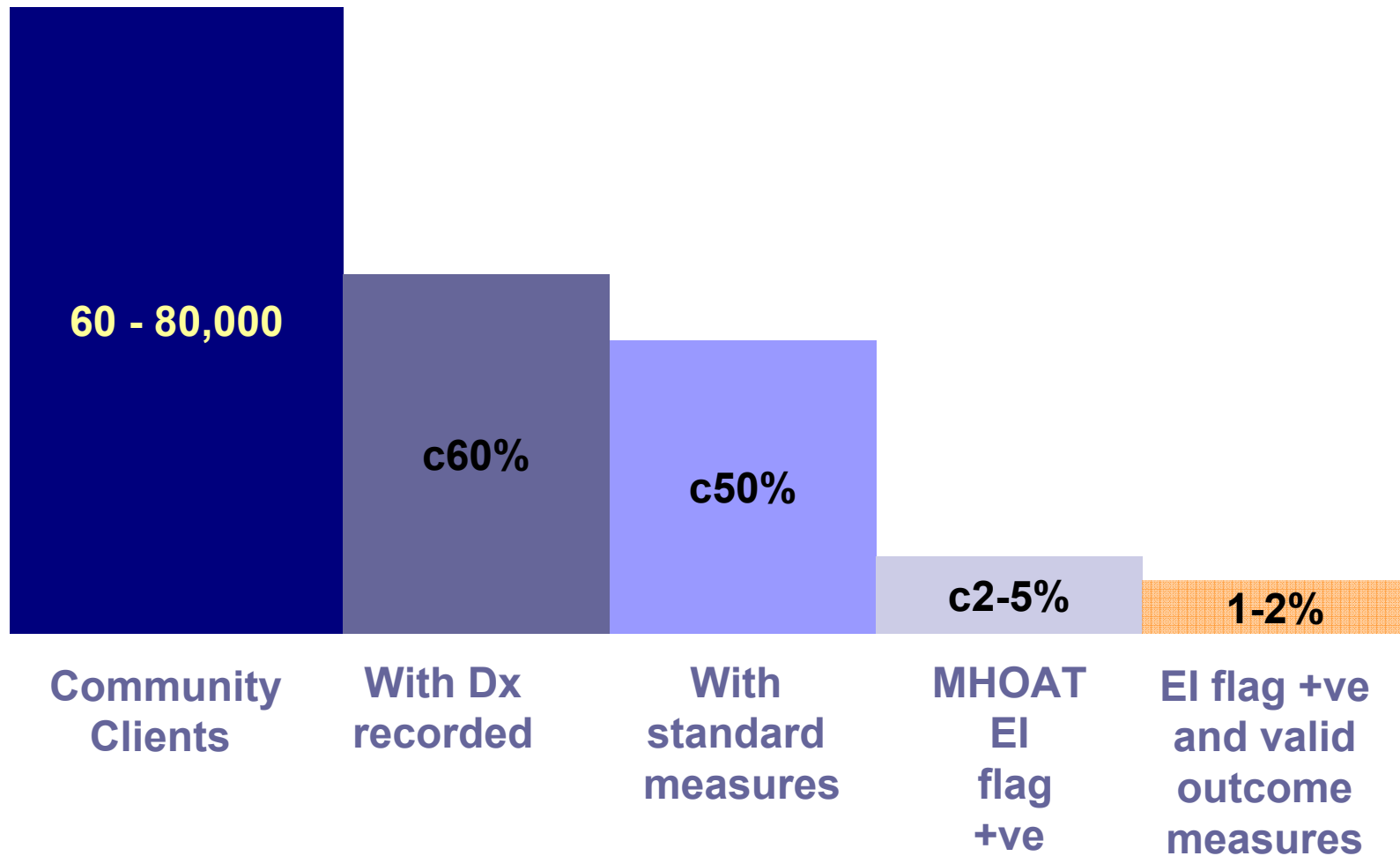


Process

- Data analysis / exploration
- Consult with the services
- Reporting
 - Develop appropriate reports
 - Automate reports through Business Objects
- “benchmarking”
 - Conversation, not measurement
 - With senior staff across services
 - Local forums

Other clinical areas and issues ...

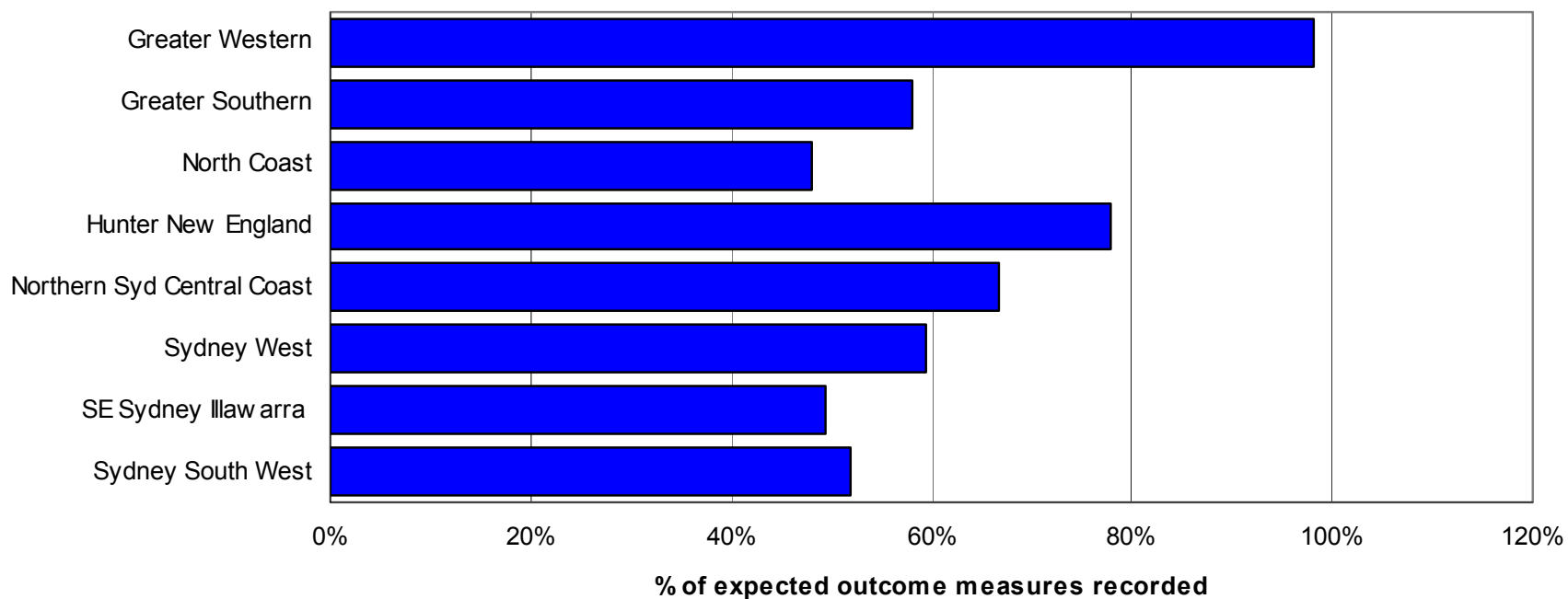
- Acute Inpatients
 - Differences in acuity/outcomes?
 - Capturing complexity and comorbidity
- Early Psychosis
 - Accuracy of identification/flagging
 - Do specialist EP services have better outcomes (symptoms, disability ...)
- Extended care
 - Frequency of cognitive/organic difficulties
- Other



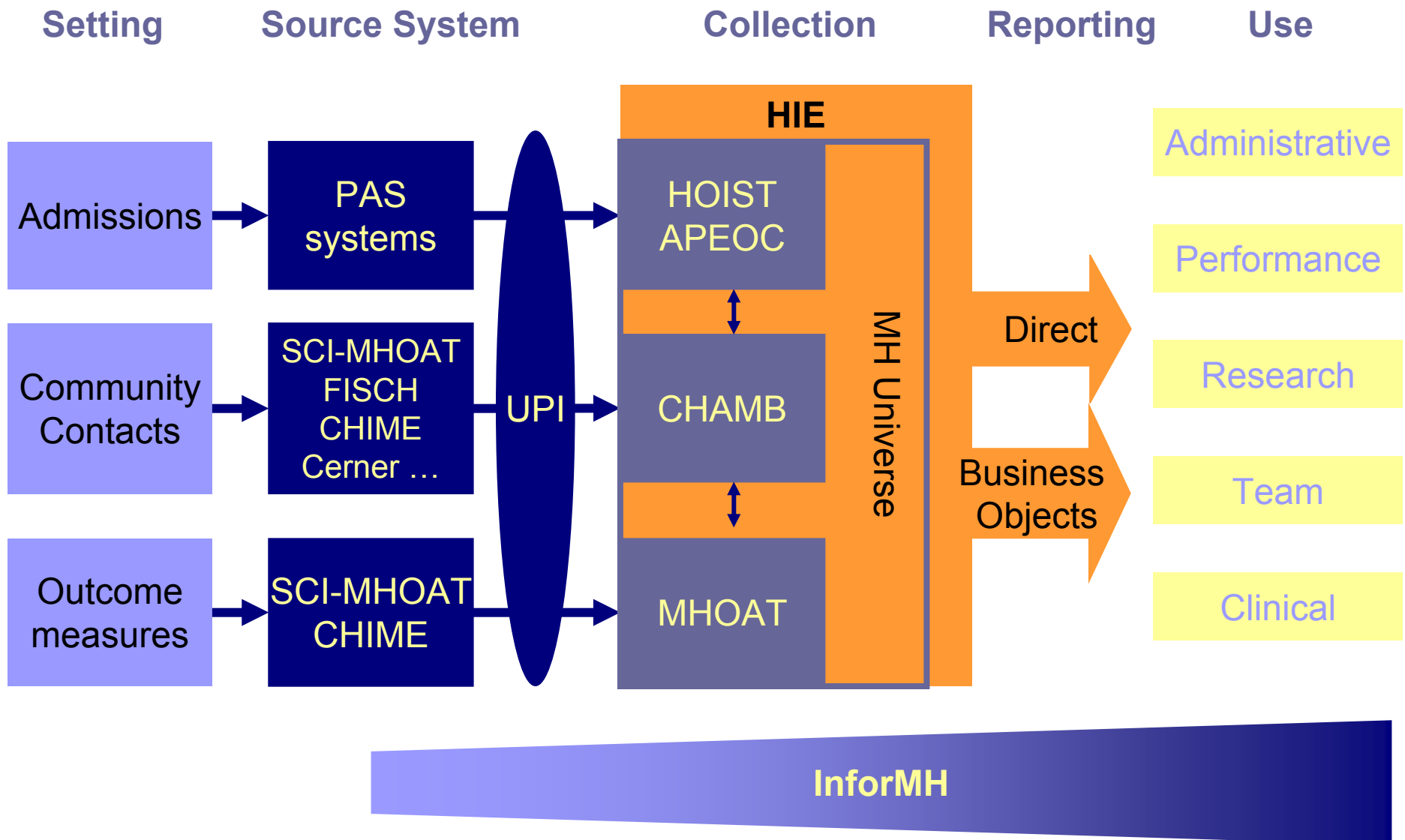
Building system capacity

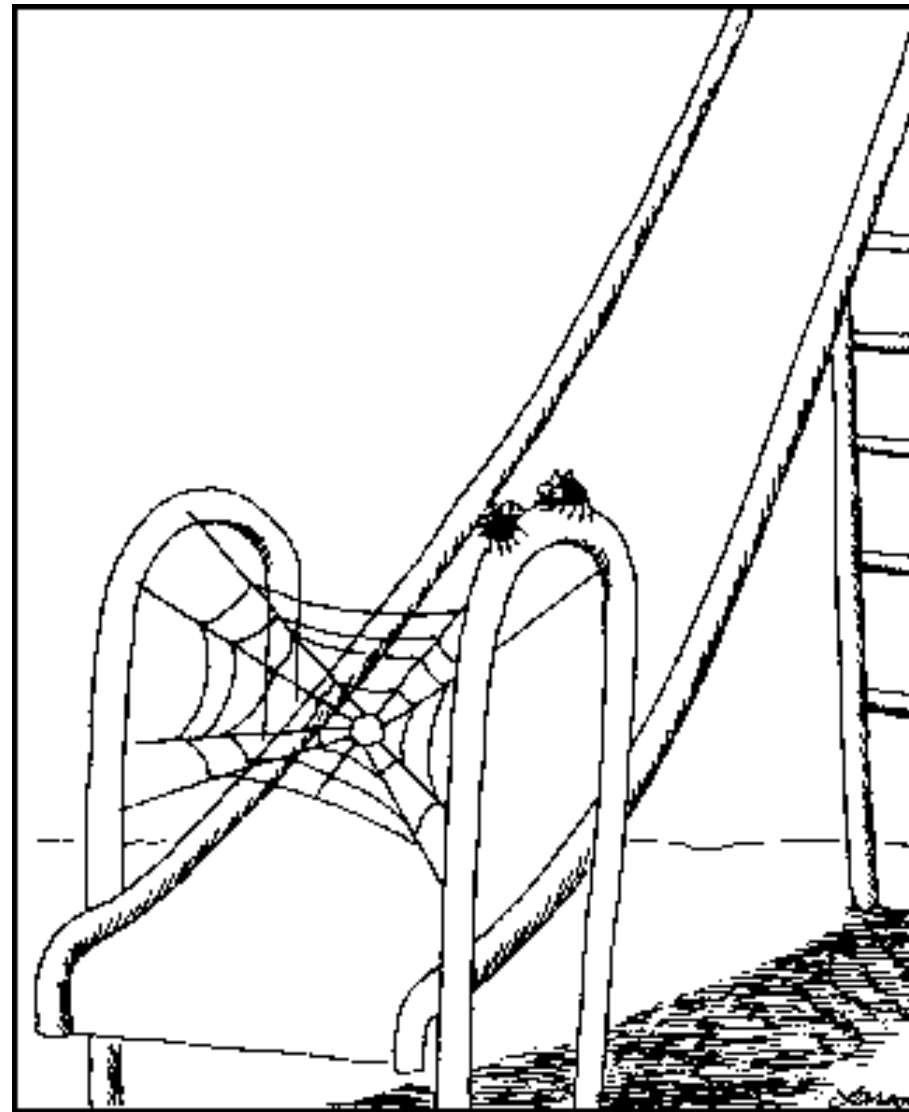
- Improving source systems
- Developing data structures
 - Datamarts / Bus Objects “Universes”
- Developing processes for linkage
 - MHUPI / SUPI
- Specifying/developing reports
- Monitoring data quality into HIE
 - Weekly HIE feeds / validation
- Increasing service accountability for outcome measurement
 - Performance Agreements / Performance Reports

MH Performance Report



NSW information systems: 2006?





"If we pull this off, we'll eat like kings."