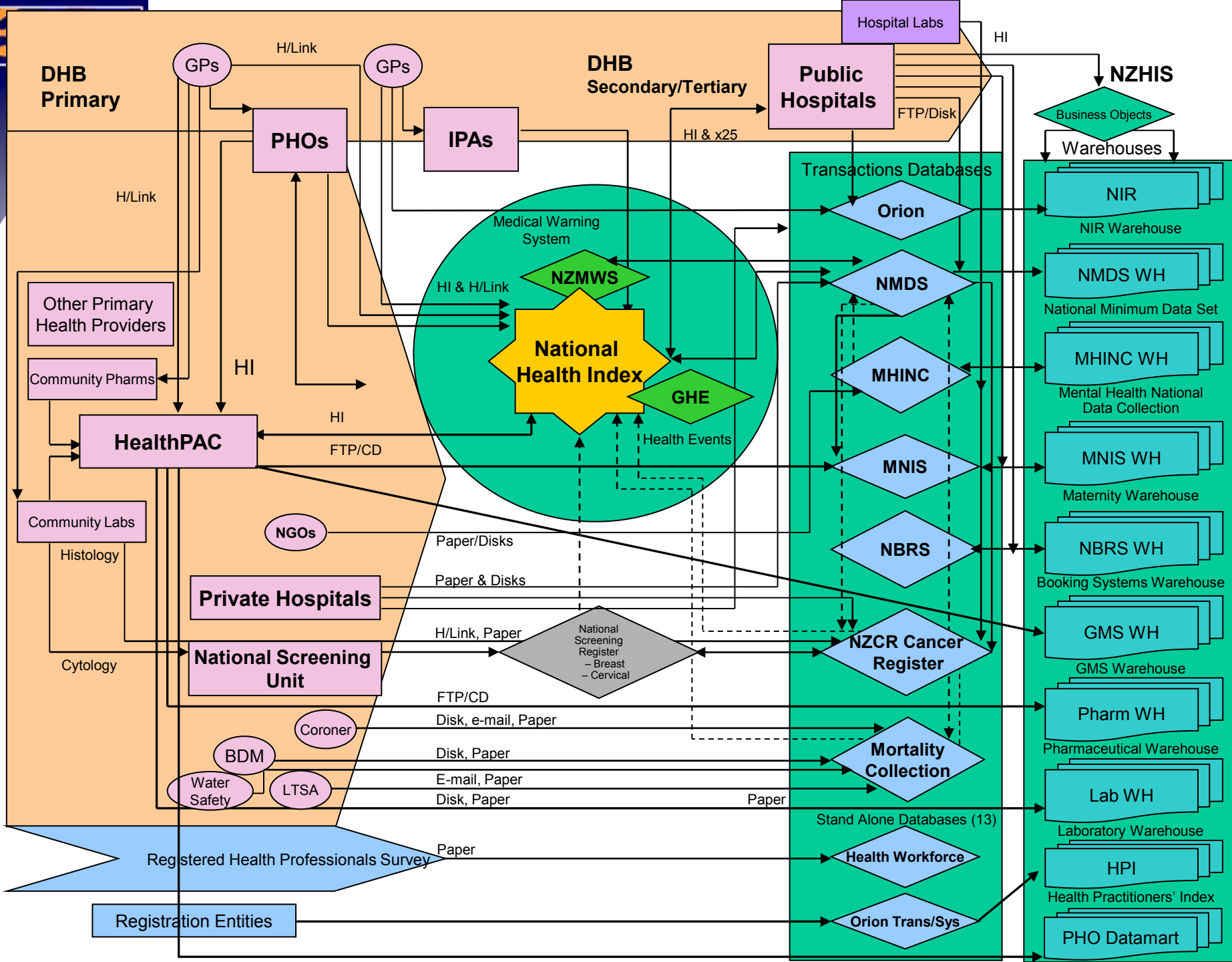


Ministry of Health

Update on Injury Data 4 December 2009

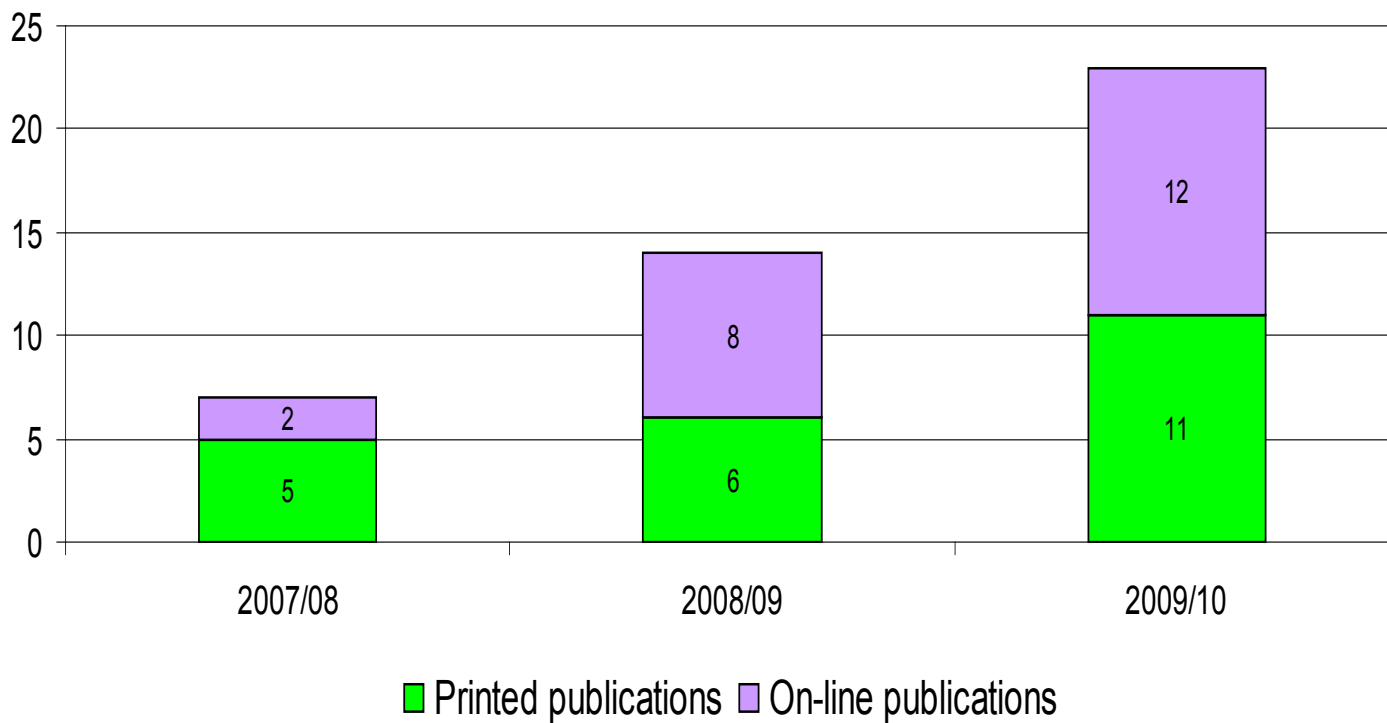
NZHS Core Business Flowchart



- Operational parts of HealthPAC and NZ Health Information Service merged.
- Currency of reports improved.
- Arrears of coding reduced.

Timeliness of Data

Annual publications produced by Statistics and Reporting.
Financial years.



What injury data is collected?

3 national health data collections hold data about patients who have had injuries:

- National Minimum Dataset Hospital Discharges Inpatients.
- National Non Admitted Patients Collection.
- Mortality.

National Minimum Dataset Inpatients

This collection includes:

- Inpatient and day case hospital information
- Injury information:
 - Acute and non-acute injury events where the patient was admitted
 - Clinical coding of the injury sustained and the external cause, activity and place of occurrence.
 - Accident flag (Y/N - is this admission the result of an accident?)
 - ACC45 number
 - Purchaser code (ACC, DHB, MOH etc)

Includes same details for patients injured while they are in hospital

National Minimum Dataset Inpatients - What's new?

DHB KPI for standard vs specific descriptors reported for each clinical code.

Improved specificity of external cause codes and traumatic injury codes via text description e.g.

W093: standard description is: Fall involving slide

NMDS code descriptions include more detail:

- Flew off end of slide landing on back
- Fell from approx 1.6m from ladder going up to slide and fell backwards
- Fall involving slide onto right arm

National Minimum Dataset Inpatients

- What's new?

How does the KPI work?

Clinical code descriptions are extracted from the NMDS, edited to remove punctuation, spaces etc.

Code descriptions are analysed to determine specific versus standard.

- Outstanding: > 45%
- Achieved: > 35% and < 45%
- Partial: > 25% and < 35%
- Not achieved: < =25%

| DHB | Total codes analysed | Total unique codes | Total unique descriptions | % of unique descriptions for total codes analysed | Rating |
|-------|----------------------|--------------------|---------------------------|---|-------------|
| DHB-A | 1621 | 248 | 524 | 32.33% | PARTIAL |
| DHB-B | 2661 | 293 | 1279 | 48.06 | OUTSTANDING |

National Non Admitted Patients Collection (since 2006)

- Collection includes DHB Outpatients and ED events.
- Patient details, event details, service provider details.
- Injury information:
 - ACC45 number
 - All non-acute hospital injury events e.g. outpatient attendances for injuries following an accident
 - Accident flag (Y/N - is this admission the result of an accident?)
 - Purchaser code (ACC, DHB, MoH)

National Non Admitted Patients Collection - What's new?

- Collection expanded each year since 2006 to include full range of non admitted services (as far as practicable) and improve data quality.
- July 2010 will see timestamp data expanded for ED events to report on the Minister's 6 hour target.
- Limitation – there is no clinical information in this collection.

Mortality Collection - what's new?

From 2007 registrations onwards:

Coding of all injuries recorded on the medical certificates of cause of death.

Previously an injury was only coded if the underlying cause of death was an accident e.g. car accident.