**Appendix 1**: Description of Databases 2012/13 Acute Stroke Audit was linked to develop trajectories

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| **Location in Continuum of Care** | **Database Name** | **Database Description and outcomes obtained** |
| Index stroke event – ED and Inpatient | Ontario Stroke Registry formerly known as the Canadian Stroke Network (RCSN)  Ontario Stroke Audit (OSA) | -data collected since 2002/03, updated in 06/07 and 08/09, 10/11, 12/13  -data collected on patient characteristics, stroke severity, management and outcomes.  - -~25% sample of stroke/TIA patient’s arriving at Ontario’s acute hospitals |
| Emergency Department | National Ambulatory Care Reporting System (NACRS) | -data collected yearly since 2000, updated annually  -data collected on all hospital emergency department visits |
| Inpatient Acute Care | Discharge Abstract Database (DAD) | -data collected since 1988, updated annually  -data collected on for inpatient acute care hospitals |
| Inpatient Rehab | National Rehabilitation System (NRS) | -data collected since 2000, updated annually  -data collected from participating adult inpatient rehabilitation facilities  -information collected on, activities and participation (e.g. ADL, communication, social interaction) and interventions  -30,000 patients admitted to a rehabilitation facility each year |
| Complex Continuing Care (CCC)  Long Term Care (LTC) | Continuing Care Reporting System (CCRS) | -CCC data collected since 1996, updated annually. Approximately 140 hospitals submit CCC data to CCRS.  LTC data started to be collected in 2005/06 and by 2010/11 all 633 LTC homes in Ontario submitted data.  -information collected on admission background, demographic changes, discharge tracking, facility profile, and re-entry  -information collected using the Resident Assessment Instrument (RAI) Minimum Data Set assessment instrument. |
| Home-Care Services | Home Care Database (HCD) | -information collected since 2005, updated annually  -data collected on all services provided by or coordinated by Ontario’s Community Care Access Centres (CCACs)  -data collected on assessment, admission, discharge, and care delivery |
| Follow-up with family physician and specialists | Ontario Health Insurance Plan (OHIP) | -data for Physician participating in fee-for-service billings are collected by the Ministry of health for all residents of Ontario  data collected since 1991, updated bi-monthly  -Physicians have unique specialty code, e.g codes specific to family physicians/general practitioners, internists, neurologists, physiatrists  in certain regions of the province physicians do not participate in fee-for-service reimbursement but are expected to bill as if they were. |
| Adherence to Secondary Prevention Medications | Ontario Drug Benefits (ODB) | * Government funded drug benefit program limited to persons over age 65 and those on Social Services (welfare supported). * Data collected about the medications dispensed by pharmacies is available |

(The Institute of Clinical and Evaluative Sciences, 2010)