

Table 4: Temporal Trends in Stroke Epidemiology

COUNTRY	TRENDS IN STROKE INCIDENCE AND PREVALENCE	TRENDS IN STROKE TYPES/SUBTYPES
JAPAN	Decline in both ischemic and hemorrhagic strokes over past decades	Proportion of ischemic strokes has increased compared to hemorrhagic Incidence of lacunar strokes has decreased over time, whereas that of large vessel and cardioembolic has remained stable
CHINA	Increase in age standardized incidence of total strokes in both men and women from 1984-2004	Incidence of ischemic strokes has gone up and that of intracranial hemorrhages has declined. Among ischemic stroke subtypes, there is evidence to suggest a rise in both intracranial atherosclerosis and cardio-embolism
KOREA	Annual incidence expected to increase rapidly over next decade	Ischemic strokes admissions have increased compared to hemorrhagic strokes Among subtypes, large artery atherosclerosis particularly of intracranial arteries was and still is the predominant subtype Proportion of small vessel disease

		shows a downward trend whereas cardio-embolism has shown a rise
TAIWAN	No temporal trend data available for stroke incidence as a whole	Ischemic strokes are the predominant subtype and a rising trend in their incidence has been reported Lacunar strokes are the predominant subtype and have increased in the recent years. Cardioembolic strokes have decreased in proportion
THAILAND	Prevalence has shown an increase over time	Ischemic strokes are the predominant subtype reported in almost 80% Intracranial atherosclerosis accounts for most of ischemic strokes Temporal trend data for subtypes not available
MALAYSIA	5th leading cause of mortality No data on temporal trends	Ischemic strokes were and still are the predominant type Large artery atherosclerosis is the most common subtype from the National stroke registry. Previously lacunar strokes were reported as the most common subtype
SINGAPORE	No data on temporal trend in prevalence/incidence	No change in relative proportion of stroke type between 2000 and 2005
INDIA	Temporal trends in incidence/prevalence not reported	Ischemic strokes have remained the predominant subtype in the reported

		<p>data</p> <p>Data on subtype temporal trends not available</p>
BANGLADESH	No data available	No data available
PAKISTAN	No data available	<p>Ischemic strokes are the predominant subtype although some evidence to show a temporal rise in hemorrhagic stroke admissions</p> <p>Large artery atherosclerosis is now the predominant subtype. Previously lacunar strokes were more common</p> <p>Proportion of cardioembolic strokes have gone up as well</p>
IRAN	Rise in stroke incidence from 2001 to 2005	No substantial change in stroke type/subtype over time
ISRAEL	No data on temporal trend in incidence/prevalence	<p>Cardioembolism on the rise in elderly</p> <p>Small vessel strokes decreasing</p>