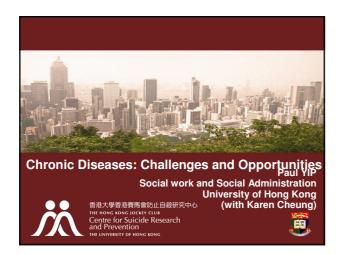
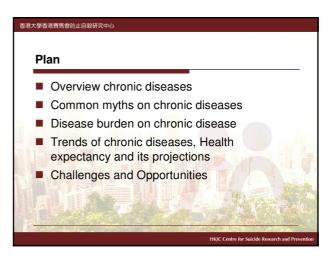
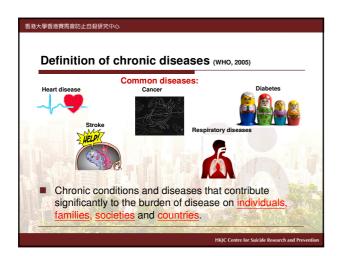
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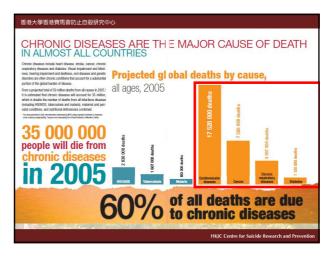


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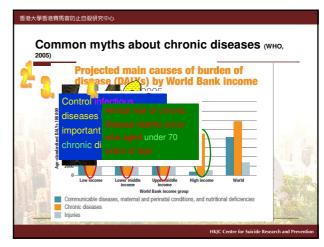


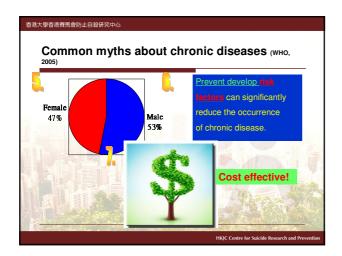


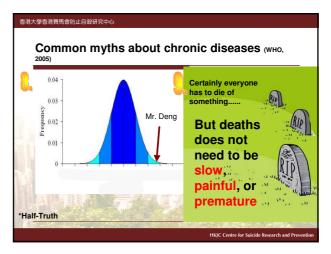






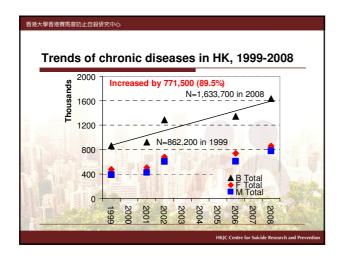


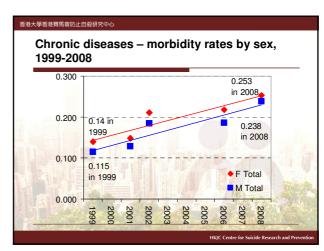












Estimation of the annual change of chronic morbidity

Examine the annual change of chronic morbidity, we fit a logit form, the formula of the logistic regression model is written as follows: $\ln(\frac{CMR_{x,s}}{1-CMR_{x,s}}) = \alpha_i + \beta_i(yr) + \varepsilon_i \qquad \varepsilon \ \text{i} \sim \text{N}(0, \sigma \, 2)$ Where CMR x, s is the age and sex specific chronic morbidity rate; year (yr) is the independent variable; β is the slope coefficient of the regression model, which represents the annual change of logit form of CMR x, s; α is the constant term, which represents the expected value of logit form of CMR when year equals to zero.

di.	Males	Females	Both sexes
<50	0.088	0.075	0.080
50-54	0.058	0.014	0.036
55-59	0.037	0.061	0.051
60-64	0.061	0.072	0.067
65-69	0.107	0.077	0.092
70-74	0.095	0.090	0.091
75-79	0.098	0.095	0.097
80+	0.191	0.153	0.167
Total	0.086	0.076	0.081



