**PAHO TECHNICAL WORKSHOP ON ECONOMIC DIMENSIONS OF NCDs IN LAC**

**DAY 1—June 24**

**GROUP 2 DISCUSSIONS ON ECONOMIC IMPACT OF NCDS (FACILITATORS—Andre and Claudia)**

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| **Main Topics** | **Notes on Key Issues to be Examined and Data Sources** |
| 1a.Human Capital | * Review of general conceptual framework/models on health and human capital development and application of this to NCDs
* Use data bases on YLL and YPLL (eg from WHO) along with measures of per capita income to estimate ‘economic loss-human capital deficits
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| 1b.Productivity Losses due to NCDs | * Define broad health related measures i.e cases of premature death, disability.
* Also where available look at NCD-related data on absenteeism from work (lost workdays) and presenteeism at work (by affected individual and perhaps caregivers) to estimate wages lost or value of outputs lost
* Likely data sources could be national data on YLL as well as Labour Force Surveys on illness-related (rather than injury-related) days lost from work
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| 2.Fiscal Impact and Sustainability | * Definition of main fiscal measures to be included in analyses—taxation—structure and levels, subsidies on goods/services as well as for socioeconomic groups, other measures
* Analysis of gaps in access, financial protection etc by NCDs patients
* Likely data sources include IMF, World Bank as well as data from NHA
* New data source may be ECLAC work on National Transfer Accounts
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| 3a. Microeconomic and Household | * Case data on cost-effectiveness analyses of interventions by diseases
* Likely data source could be literature review done by Carla et.al.
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| 3b.Microeconomic and Household  | * Catastrophic health spending (out of pocket) by NCDs-affected households
* Likely data from health and household surveys (eg. Living Conditions)
* Specific Case Studies of Impact of NCDs on health spending by particular households to highlight catastrophic or poverty-inducing expenditure levels
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| **Main Topics** | **Notes on Key Issues to be Examined and Data Sources** |
| 4.NCDs and Equity | > Analysis of prevalence-incidence of NCDs, access to services and household expenditure by groups according to income/consumption (perhaps quintiles); sex; age> Data sources include household and other health or disease specific surveys> Case studies could include Andre’s work in Brazil on CVD > Collaborate with researchers in the EQUILAC project on this topic. |
| 5. Behavioural economics | > Case data on impact of tax or other public policy health changes on behaviour and overall incidence eg impact on prevalence of tobacco or alcohol use of specific taxes > Case data on reducing salt intake in diet (Argentina??)> Case data on impact of conditional cash transfers in Mexico and elsewhere on health-seeking behaviour > Any other related case data eg increasing physical activity; reducing sale of junk foods in schools.  |
| 6. Authors | To be discussed later |