

[MUSIC PLAYING]

HANS ROSLING: Welcome to the first week. It deals with global health trends. You will learn about the health situation in the whole world and how it's changing. I will start by showing you the present health situation in all the countries in the world, and why health differs so much between the countries. To do that, I need one health indicator and one health determinant. So first you have to learn what we mean by indicator and determinant.

Life expectancy is the most used indicator for the health status of a country. The income level of a country is the most important determinant for the health status of its population. Let me show you.

This shows income and lifespan in the world today. Each bubble is a country. Color shows region-- the Americas, Europe, Africa, and Asia. And size is population. The big ones are China and India. And this is income-- GDP per capita, from \$500 all the way to \$50,000 per person and year. And this is lifespan-- life expectancy in years.

These countries have the lowest income and the shortest life. And from this corner down here there are countries at all levels, all the way up to this corner up here with the highest income and the longest life expectancy. There are no countries here. On this high income, there is no country with life expectancy below 74. And there is no country here. On this low income, there is no country with life expectancy above 64.

But look at the big picture. Most people live in middle-income countries. And on the same income level, there are huge differences in lifespan-- from 50 all the way to 75 years, depending on how the money is distributed and how it's used.

Please, if you can, download and print the latest PDF version of Gapminder World chart. It will be useful for you throughout the course. And first use it to find out the life expectancy and the income per person-- that is GDP per capita-- of your own country. And then try to find the countries in the world that is closest to your own country. On this, we could call it the world health map, where north and south are replaced by healthy and sick, and where east and west are replaced by rich and poor.

This week you will learn about, first, money and health. And I will show you more than 200 years of health and income trends for all countries in the world. And thereafter, second, you

will learn about health indicators-- not only life expectancy, but also maternal mortality ratio and child mortality indicators. Third you will learn about the main health determinants, such as income level, inequality, education, food, human rights, gender issues, and of course water, toilet, air pollutions, and all the other environmental factors.