

HELGE BRUNBORG: Thank you, Mr. Prosecutor, for inviting me to address you. Go ahead.

I'm not a lawyer, like most people here. I'm a demographer; I'm a population statistician. And I'm very pleased to be asked to present views on this. I worked for the ICTY for a couple years, five years ago, and I'm now back with Statistics Norway.

First, let me remind you of the Statute of the ICC and ICTY about the definition of genocide. "Acts committed with intent to destroy, in whole or in part, a national, ethnical, racial or religious group..." and this is where demography and population statistics come in the picture. You need some numbers, some estimates or numbers to say, What is "a part"? What is the whole of a population that has been destroyed, or intended to be destroyed?

And the statistician or demographer can contribute to a war crimes tribunal in several ways.

Assess estimates on the number of victims. You heard this morning that someone estimated that 3 million people had been killed in the Congo. How do you know? How reliable is that figure? Somebody should look at it. There may be double-counts, for example. The demographer could acquire -- will acquire and evaluate on pre- and post-war conflict population and events, such as killings and displaced persons and refugees; advise investigators and lawyers on data availability and interpretation, reliability and use; also compare and link data, including data on individuals, or raw data or micro data; estimate population composition and change; write reports for investigations and trials; and finally provide expert testimony. These are some of the roles. I don't have time to go into detail, but you can find more on the Internet.

Now I'd like to say a few words about where does demography

belong at the ICC. I think definitely in the Analysis Section, as far as I've seen. It can also play an important role in the preliminary examinations and in monitoring, following what's happening in the world; is there reason to start thinking about investigation or preliminary examinations. But it's also important that a demographer does not work in isolation, neither internally. That means he or she shall have close contact with the lawyers, investigators, but also have close contact with the outside world, the academic world of colleagues, of other demographers. Otherwise the expertise will dry up and the demographer will either become useless or leave.

I will now show some examples of the work my colleagues and I have done at the ICTY. This is an example of ethnic cleansing of Prijedor in Bosnia. The blue bar shows the population by ethnicity before the conflict, and the red after. And it's quite striking, I think, of ethnic cleansing. I cannot say anything about the causes of this, but this is the picture.

Another example is Srebrenica, well known in the Netherlands. We have looked at the missing figures, and we found almost 7.500 missing men, and women, only 42 women. This is the age distribution of the men. So is this in whole or is it a large part of the population? Well, we matched the data with the 1991 census on an individual basis, then estimated the proportion in each age group that went missing, also allowing for natural mortality in between '91 and '95. We found that more than a third of men went missing and are obviously -- probably killed. And this must definitely be said to be a significant portion of the population, and in fact there was a sentence for genocide after that based partly on this evidence.

Finally, we compared -- sorry, I clicked too fast -- we compared the age distribution of the missing persons with the age distribution of

exhumations.

Press F5. F5. Okay. It takes too long. We have to do everything again very fast.

So here blue ones are missing persons; red ones are exhumations. The ages of those, the red ones, have been estimated using physical anthropology, and the field is quite good. This indicates that the exhumations come from the population on missing persons, also an indication that they were, in fact, killed.

Thank you.