



HUMAN HEALTH | ENVIRONMENTAL HEALTH



PerkinElmer Specialty Dx

Scott Palubiak

VP General Manager Newborn Screening

July 19, 2010

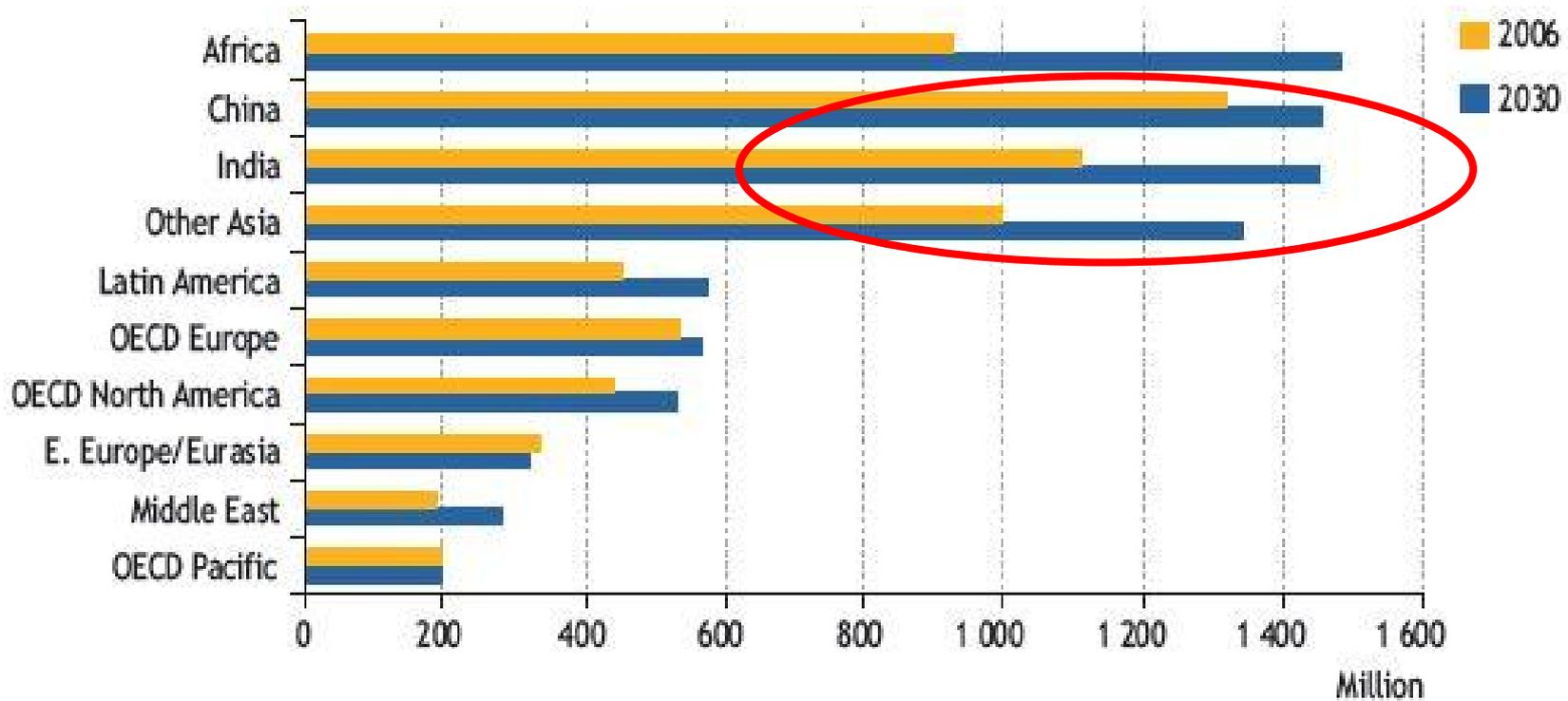
The following statistics represent the number of newborns screened and identified as “**At Risk for a Genetic Disorder**” utilizing a PerkinElmer system:

	<u>Through 2009</u>
▶ Cumulative screened	321 Million
▶ Cumulative identified	143,000
▶ Annually	16,000
▶ Daily	44



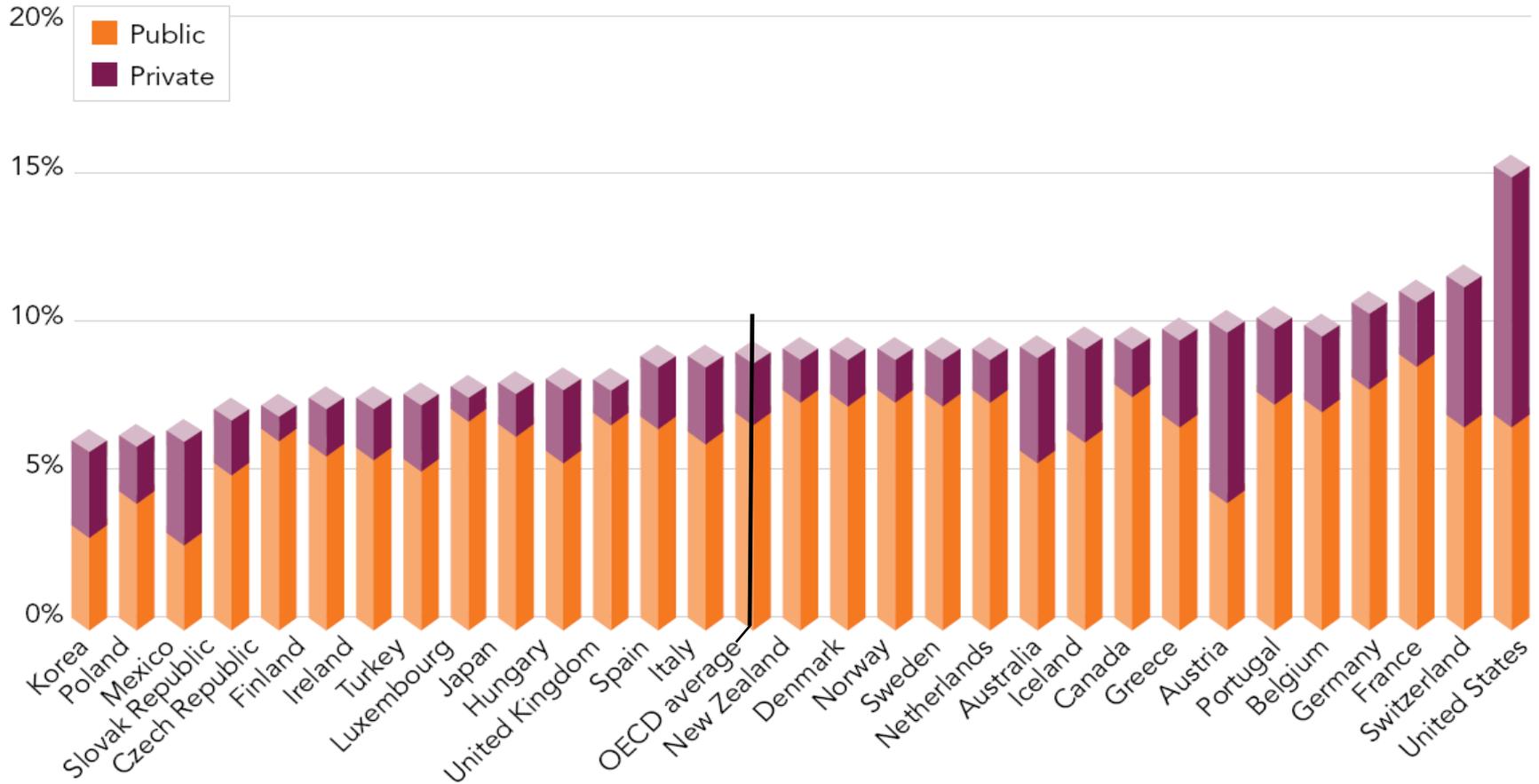
World's Population by 2030...

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Source: Organization for Economic Co-operation and Development (OECD) Factbook, 2008

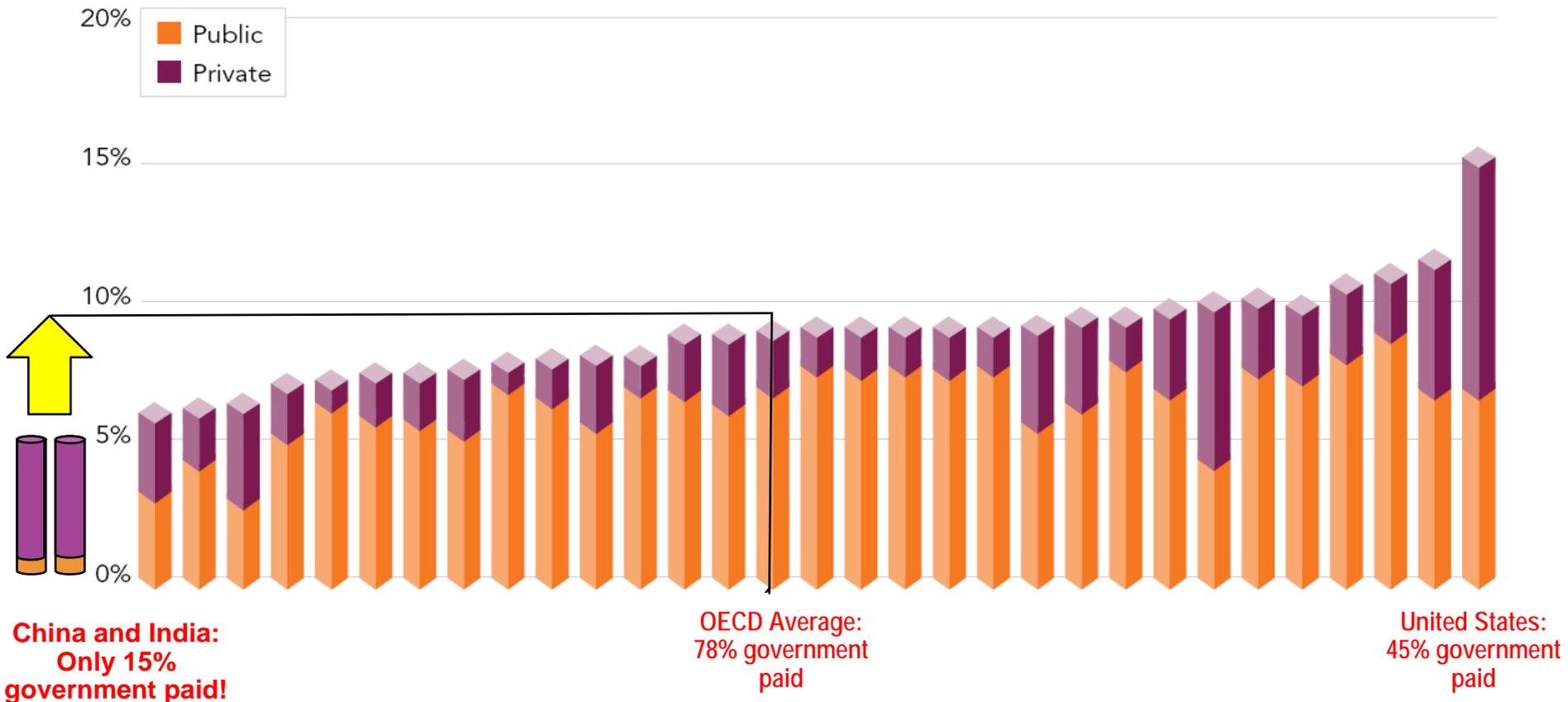
HEALTHCARE SPENDING PER CAPITA, PER COUNTRY AS A PERCENTAGE OF GDP



Source: Organization for Economic Co-operation and Development (OECD) Factbook, 2008

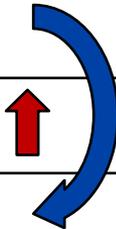
HEALTHCARE SPENDING PER CAPITA, PER COUNTRY AS A PERCENTAGE OF GDP

STB



Source: Organization for Economic Co-operation and Development (OECD) Factbook, 2008

Country	Share of World GDP in 2005	Share of World GDP in 2035
US	21%	
China	11%	
India	6%	



Source: "Tri-Polar World" by ArvindVirmani, Working Paper, ICRIER, New Delhi, 2005



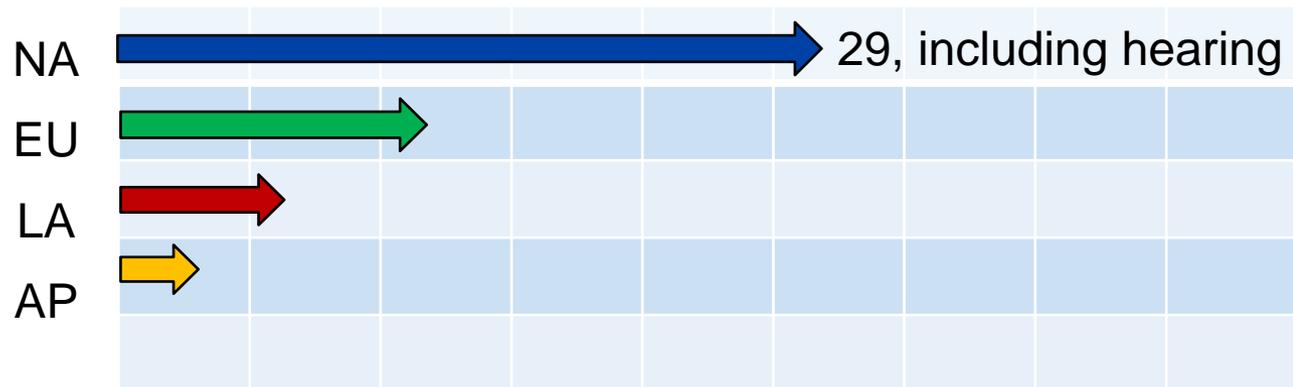
Four Service Businesses in U.S.

Manufacturing in China

Service Lab in India



New 20,000 square meters SYM-BIO manufacturing and R&D facilities in Taicang (Shanghai)





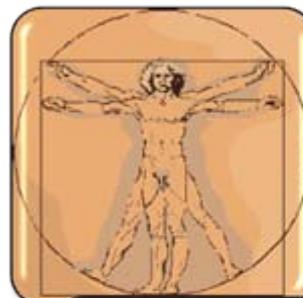
Metabolomics

- Today's IVD



Genetics

- Point mutations
- Cytogenetics



Personalized genetics

- Predisposition
- Companion Diagnostics



Teratology

- Genetics, environment and life style combined



- 2010

- MSMS
- Informatics



2010-2015

- Genetic Disorders
- Multiplexing
- Infectious diseases



2015-2030

- Genetic Predisposition
- "Baby gene card"



2020 -

- Genetic/Environmental Predisposition
- LifeStyle recommendation



MENTAL HEALTH



ALBERTA





Thank You!