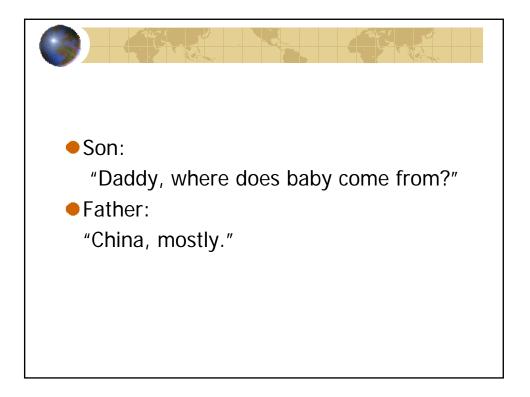
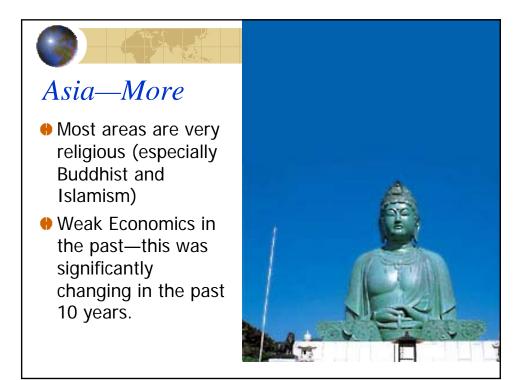
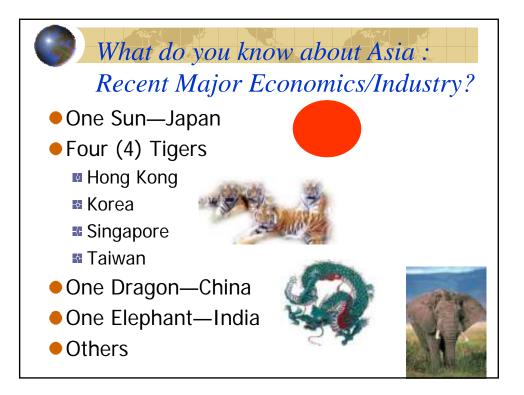




Asia: Ye	ear 2004		
	World	USA	Asia
Area (1000 Km ²)	147800	9372.61 (6.3%)	44000 (30%)
Population (in Million)	6389.3	293.03 (4.5%)	3875 (60.6%)
Population Density (per Km ²)	43	31	88
GDP (in Billion US\$)	40,887.8	11,734.3 (28.7%)	
Per Capita GDP (US\$)	6,393	39,959	



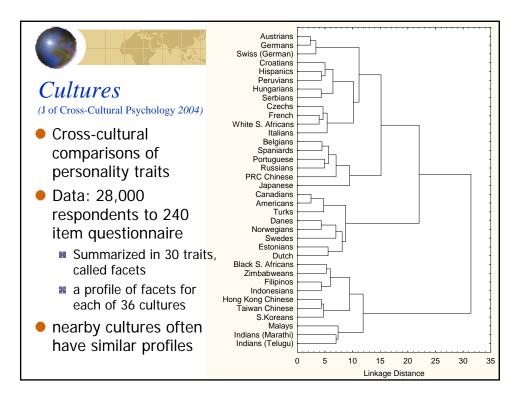


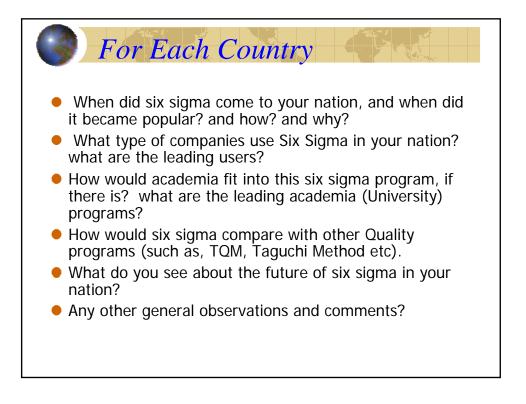


'ear 2004					
	World	USA	Japan	China	India
Area (1000 Km ²)	147800	9372.61	377.80	9600 (<mark>6.5%</mark>)	2980 (2%)
Population (in Million)	6389.3	293.03 (4.5%)	127.3 (2%)	1300.1 (<mark>20%</mark>)	1086.6 (17%)
Population Density (per Km ²)	43	31	337	135	365
GDP (in Billion US\$)	40887.8	11734.3 (28.7%)	4587.4 (12%)	1649.4 (4%)	691.9 (1.5%)
Per Capita GDP (US\$)	6,393	39,959	35,902	1,273	637



World	USA	Taiwan	Hong Kong	Singapore	Korea
147800	9372.61	36.18	1.09	0.65	99.26
6389.3	293.03	22.6	6.92	4.2	48.2
43	31	625	6,337	6,461	486
40887.8	11734.3	322.2	165.7	106.8	680.1
6,393	39,959	14,271	24,082	25,191	14,144
	147800 6389.3 43 40887.8	147800 9372.61 6389.3 293.03 43 31 40887.8 11734.3 6,393 39,959	147800 9372.61 36.18 6389.3 293.03 22.6 43 31 625 40887.8 11734.3 322.2	World USA Falwan Kong 147800 9372.61 36.18 1.09 6389.3 293.03 22.6 6.92 43 31 625 6,337 40887.8 11734.3 322.2 165.7	World USA Taiwan Kong Singapore 147800 9372.61 36.18 1.09 0.65 6389.3 293.03 22.6 6.92 4.2 43 31 625 6,337 6,461 40887.8 11734.3 322.2 165.7 106.8



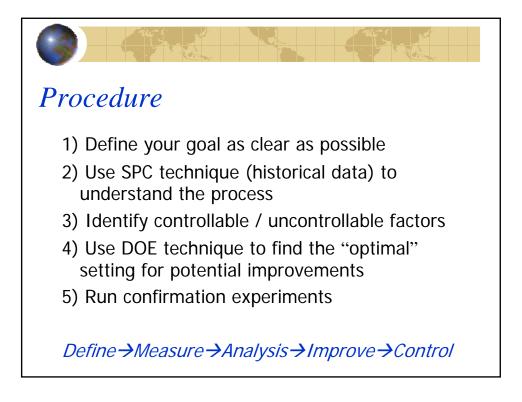


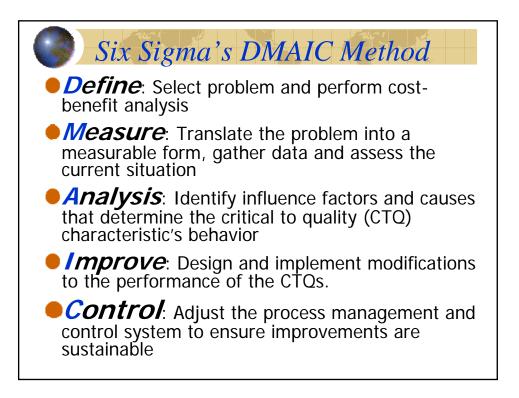


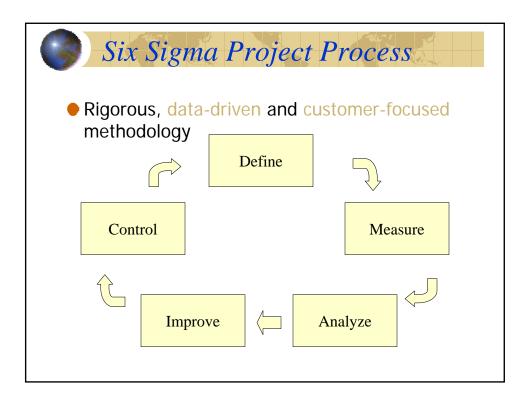


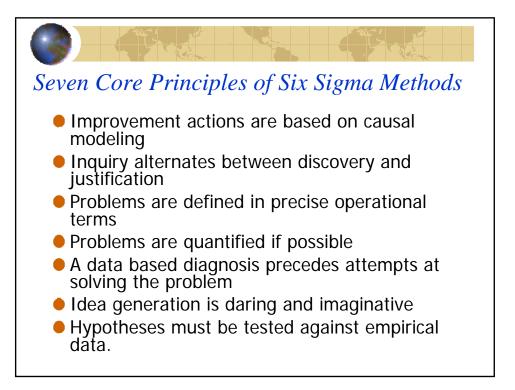






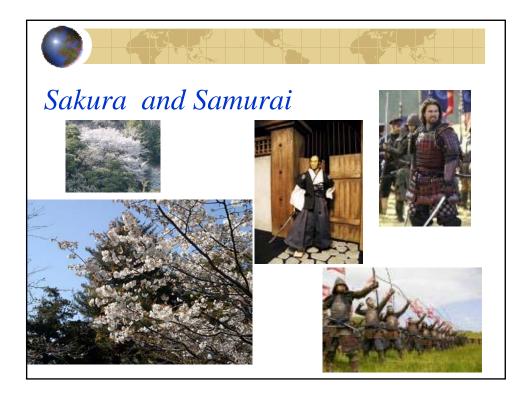


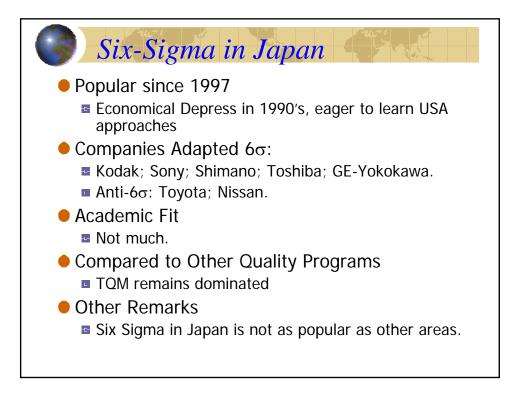




Japan: Y	ear 20)04		
	World	USA	Asia	Japan
Area (1000 Km ²)	147800	9372.61	44000	377.80
Population (in Million)	6389.3	293.03	3875	127.3
Population Density (per Km ²)	43	31	88	337
GDP (in Billion US\$)	40887.8	11734.3		4587.4
Per Capita GDP (US\$)	6393	39,959		35,902

Japan: Year 2004		USA	Japan
	Area (1000 Km ²)	9372.61	377.80
	Population (in Million)	293.03	127.3
では の 501 501 501 501 501 501 501 501	Population Density (per Km ²)	31	337
	GDP (in Billion US\$)	11734.3	4587.4
© Cyberthap Japan Corp.	Per Capita GDP (US\$)	39,959	35,902





Japanese TQ	M and Six Sigma: aim
Japanese TQM	American Six Sigma
"CUSTOMER FIRST" has been recognized an important concept in the long history of TQM.	Michel Harry's remarks on a conference. "TQM would be effective approach if stockholders could wait a long time, however recent stockholders are eager to obtain financial immediately" (Magire(1999)).
Customer satisfaction at high level	Profit
High level customer satisfaction brings profit.	To obtain profits, pursuing customer satisfaction and cost reduction
Customer satisfaction at high level	Profit at high level
Deployment of customer requirements thoroughly and precisely	Separated from the regular organization that has an advantage for drastic change
Keywords: thoroughly and precisely Management by Policy, Quality Function Deployment (QFD) Daily management Japanese TQM has few specialized tools for cost reduction.	Project selection is a key to obtain profits. All projects are selected in terms of profits to aim profit, where pursuing high-level customer satisfaction is an option to attain the financial success. One of the key issues to attain success is project based activity that is separated from the daily works

	rganizational str panese TQM and Six	
Item	Japanese TQM	Six Sigma
Aim	Primal aim is to attain high- level quality. Profits are brought by high-level quality	Primal aim is to obtain profit. Attaining high-level quality is an approach to obtain profits.
Cost reduction	Not first priority. Sometimes it is tackled by general tools of quality improvement	Basically, the major issue is cost reduction, that is a typical subject of Black Belt projects.
Organization structure	Based on the daily routine works.	Standardized structure of organization has been prepared.
Driving force	Management by policy, Daily management, cross functional management, Quality circles	Aligned structure: Champion, Master Black Belt, Black Belt, Green Belt.
Guidelines for improvements	Problem solving QC story, Task achieving QC story	DMAIC (Define, Measure, Analyze, Improve and Control), Design for Six Sigma
Concepts	Importance of commitment by t Cust	top management, Process approach, omer first
Advantages	Better to align the existing quality system, such as ISO 9001, organizational structure	Easy to implement a drastic change

J India: Y	ear 20	04		
	World	USA	Asia	India
Area (1000 Km ²)	147800	9372.61	44000	2980
Population (in Million)	6389.3	293.03	3875	1086.6
Population Density (per Km ²)	43	31	88	365
GDP (in Billion US\$)	40887.8	11734.3		691.9
Per Capita GDP (US\$)	6393	39,959		637

India: Year 200)4		
INDIA States and Union Territories		USA	India
PAKISTAN CHINAGHAL CHINA PAKISTAN CHINAGHAL CHINA HARVANA DUMAGHAL PRADESH	Area (1000 Km ²)	9372.61	2980
RAJASTHAN Japur BUARAT	Population (in Million)	293.03	1,086.6
DUJARAT BODOL REAL BADDING CHARACTER CONTROL OF CONTROL	Population Density (per Km ²)	31	365
ANDHRA A OCA A OCA A OCA A OCA A OCA A OCA (Pendicherry) BAY OF BENGAL	GDP (in Billion US\$)	11734.3	691.9
LAKSHADVEEP AMEL ⁹ (Pondicherry) ¹ (Pondichery) ¹ (Pondicherry) ¹ (Pondicherry) ¹ (Pondicher	Per Capita GDP (US\$)	39,959	637*
Copyright © Compare Infobase Pvt. Ltd. 2003			

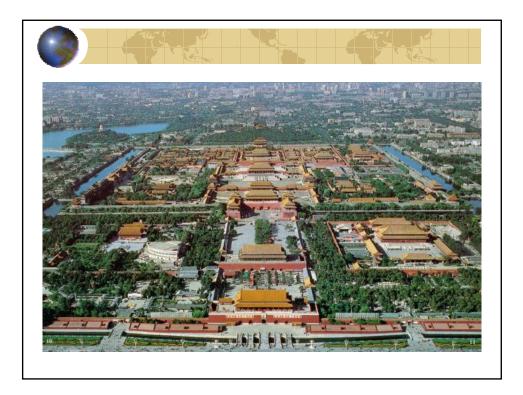


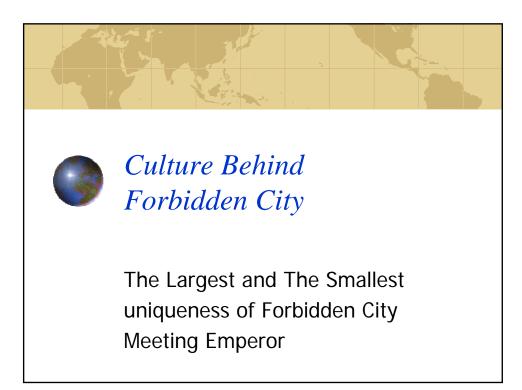


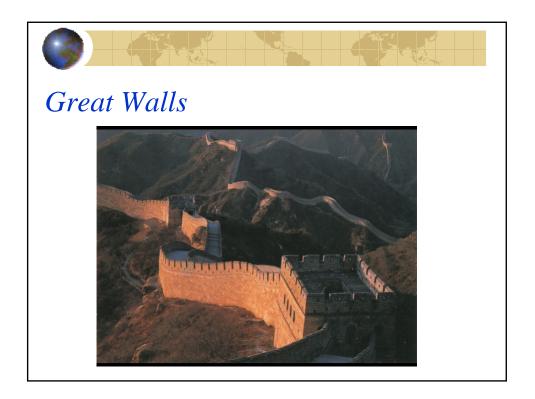


China: 1	lear 20	004		
	World	USA	Asia	China
Area (1000 Km ²)	147800	9372.61	44000	9600
Population (in Million)	6389.3	293.03	3875	1300.1
Population Density (per Km ²)	43	31	88	135
GDP (in Billion US\$)	40887.8	11734.3		1649.4
Per Capita GDP (US\$)	6393	39,959		1,273

			X
China: Year 2004			
Halar		USA	China
Vining Urumqi Vixashgar Vumen Hothoto Beijing	Area (1000 Km ²)	9372.61	9600
Yumen Hohhot, Beijing OTanjin KOREA OShijazhuang Golmud Xining Lanzhou Taiyuan Jinan Yellow Sea	Population (in Million)	293.03	1300.1
Xian Herein Vanling Chengdu Linasa INDIA Canga (provider and the changes) Chengdu Chengdu Chengding Changes Chengdu Chengding Changes Public Guiyang Changes Public Guiyang Changes Public Kunning Tabei	Population Density (per Km ²)	31	135
Manuary Ma Manuary Manuary Man	GDP (in Billion US\$)	11,734.3	1,649.4
Zhongsha du constant Oundao South China Sea	Per Capita GDP (US\$)	39,959	1,273
Nansha Qundao free			

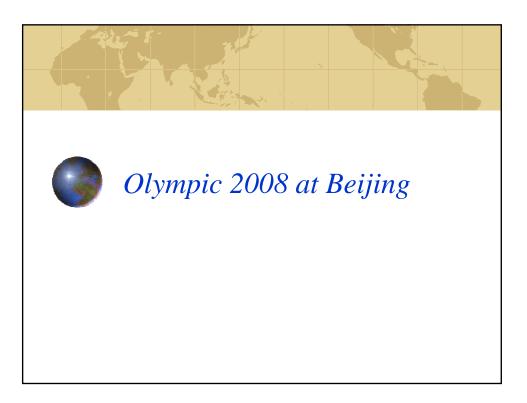








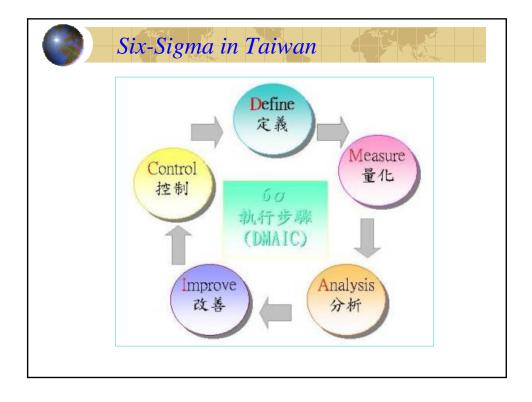


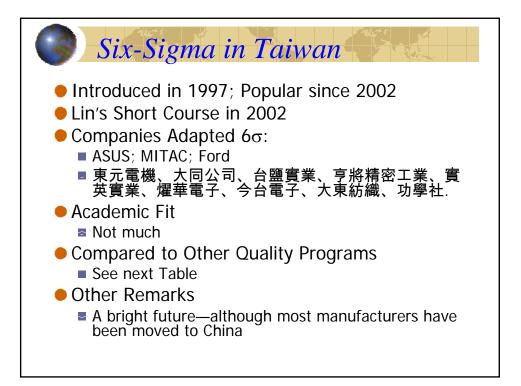




	World	USA	Asia	Taiwan
Area (1000 Km ²)	147800	9372.61	44000	36.18
Population (in Million)	6389.3	293.03	3875	22.6
Population Density (per Km ²)	43	31	88	625
GDP (in Billion US\$)	40887.8	11734.3		322.2
Per Capita GDP (US\$)	6393	39,959		14,271

Taiwan: Year	2004		
		USA	Taiwan
and the second	Area (1000 Km ²)	9372.61	36.18
à Att	Population (in Million)	293.03	22.6
	Population Density (per Km ²)	31	625
	GDP (in Billion US\$)	11734.3	322.2
1 dot = 1000 人 马马马马马马马马马马马马马马马马马马马马马马马马马马马马马马马马	Per Capita GDP (US\$)	39,959	14,271

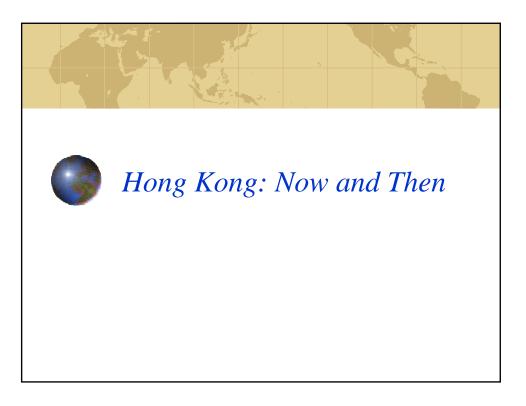




Tool				P	roces	S			
6 Sigma	Define 界定	Measu	ure 衡量	Analyze 分析	Impro	ove 改善	Control 管制		制
QC Story (狩野紀昭)	選定題目		明確化 定目標	方策之擬定	最適 策之 追究	最適策 之實施	確認效果	反省及 今後之 計劃	效果之 維持
8D法	團隊處理 方式	敘述 問題	實施及 確認真 正肇因	界定及 確認真因	確認 改正 行動	實施永 久性 改正行動	防止在 發生	表提	團隊
КТ法	Ţ	状況評估		問題分析	決	策分析	潜在問題分析		析
QCC	1.成立品管 2.發覺問題 決定 專	夏,	3.現況 分析	4.思考對策	5.選擇量 6.方案員	最佳方案 實施	7.效果確 8.標準化 9.撰寫報 10.成果	; 【告書	

Hong Ka	ong: Y	ear 20	04	
	World	USA	Asia	Hong Kong
Area (1000 Km ²)	147800	9372.61	44000	1.09
Population (in Million)	6389.3	293.03	3875	6.92
Population Density (per Km ²)	43	31	88	6337
GDP (in Billion US\$)	40887.8	11734.3		165.7
Per Capita GDP (US\$)	6393	39,959		24,082

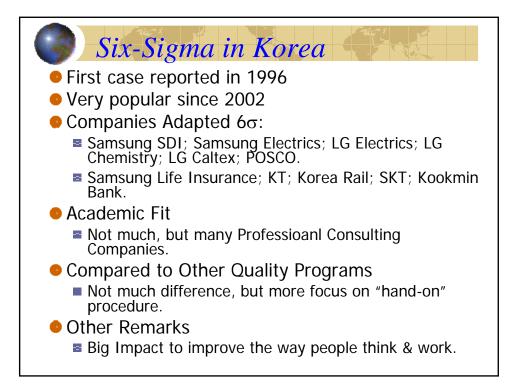
Hong Kong: Year 20	004	USA	Hong Kong		
深圳 上水 常井 東中洲	Area (1000 Km ²)	9372.61	1.09		
	Population (in Million)	293.03	6.92		
無思 用液 用液 用液 一 用液 一 一 作液 一 一 作業 一 一 作 一 一 一 一 一 一 一 一 一 一 一 一 一	Population Density (per Km ²)	31	6337		
	GDP (in Billion US\$)	11734.3	165.7		
	Per Capita GDP (US\$)	39,959	24,082		
		1	<u> </u>		





(South)	Korea:	· Year	2004	
	World	USA	Asia	Korea
Area (1000 Km ²)	147800	9372.61	44000	99.26
Population (in Million)	6389.3	293.03	3875	48.2
Population Density (per Km ²)	43	31	88	486
GDP (in Billion US\$)	40887.8	11734.3		680.1
Per Capita GDP (US\$)	6393	39,959		14,144

(South) Kored	: Year 200	04	2000 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 -
		USA	Korea
	Area (1000 Km ²)	9372.61	99.26
	Population (in Million)	293.03	48.2
the second secon	Population Density (per Km ²)	31	486
Martina Talanta and	GDP (in Billion US\$)	11734.3	680.1
16 A 10 A	Per Capita GDP (US\$)	39,959	14,144



	World	USA	Asia	Singapore
	wond	USA	Asia	Singapore
Area (1000 Km ²)	147800	9372.61	44000	0.65
Population (in Million)	6389.3	293.03	3875	4.2
Population Density (per Km ²)	43	31	88	6461
GDP (in Billion US\$)	40887.8	11734.3		106.8
Per Capita GDP (US\$)	6393	39,959		25,191

Singapore: Year 2004						
A Malaysia		USA	Singapore			
S Charge	Area (1000 Km ²)	9372.61	0.65			
Singapore East Coast	Population (in Million)	293.03	4.2			
Pulau Ayer Chawan Pulau Bukum Bukum Pulau Pulau Pulau Pulau	Population Density (per Km ²)	31	6461			
Singapor Paldur Tavel.com Singapor Senang Copyright Shttp://www.singaporehoteltravel.com	GDP (in Billion US\$)	11734.3	106.8			
Singapore—A Fine City.	Per Capita GDP (US\$)	39,959	25,191			
		1				

