

PDF Express Edilion

Available from:



Phone: +44 208 123 2220 or +1 732 587 5005 order@marketpublishers.com

Sales Manager: Alison Smith on +44 208 123 2220 <u>a.smith@marketpublishers.com</u>











Beauty & Hairdressing Services

PDF report is an extract of the main database and provides a number of limited datasets for each of the countries covered. For users needing more information, detailed data on Beauty & Hairdressing Services is available in several geographic Editions and Database versions. Users can order any other Editions, or the full Database version, as required from the After-Sales Service or from any NIN Dealer at a discount.

This research provides data on Beauty and Hairdressing Services.

Contents

	Express Edition	4
	Products & Markets	4
	Report Description	5
	Tables	5
	Countries Covered	10
	Market Notes & Definitions	11
	Financial Notes & Definitions	15
	Industry Norms Definitions	22
	Upgrade to the full Database Edition at a reduced cost	24
D	atabase Editions	25
	Editions available	26
	World Report	26
	Regional Report	26
	Country Report	26
	Country & City Report	26
	Markets & Products	27
	Products covered:	27
	World Database Description	28
	Geographic Coverage	30
	Financial Data	31
	General Contents	32
	Database Edition Market Research Contents	33
	Databases & Structures	33

Spreadsheets	35
Chapters	35
Countries	37
Methodology	40
Deliverables	40
About this Database	40
Real Time Support	40
Toolkits	41
Proprietary Software package compatibility	42
Resource Web	42
Research & Survey Methodology Analysis	43
Appendix 1 : Regional Report country coverage	44
Appendix 2 : About the After-Sales Service	45
Modular Research	45
1. Market Research	45
2. Distribution Channels & End Users Data	45
3. Survey Data	46
4. Corporate Data	47
5. Additional Data	51
Database Compatibility	52

Express Edition

Beauty & Hairdressing Services

NAICS / SIC / SERIES: S0222_M

This PDF Express edition has 436 pages. Updated monthly.

Years covered: Historic data for the past 7 years, and Forecast data for the next 7 years.

Price: \$950

Delivery: 24 hours as a downloaded PDF file, or shipped as a DVD.

Products & Markets

This report covers the following Product and Market Sectors:-

Product & Market data is given in US\$ for each Country, by each Product by each Year: Historic data for the past 7 years, and Forecast data for the next 7 years.

BEAUTY + HAIRDRESSING SERVICES

- 1. Beauty and Hairdressing Services
- BEAUTY SHOPS
- BARBER SHOPS

NAICS / SIC coded reports and databases

This is a Market database which is designed to be compatible with U.S. government databases.

For NAICS / SIC coded reports and databases, the report structures are an analogue of U.S. Department of Commerce / U.S. Census databases, and are an analogue of U.S. Census data, but in a worldwide context.

For a full explanation of the NAICS coding system see: http://www.census.gov/eos/www/naics/

These product / revenue lines codes and definitions are determined by the U.S. Government agencies.

Report Description

Beauty & Hairdressing Services Report

The Beauty & Hairdressing Services PDF Express Report gives data on each of the Products & Markets listed by 2 Time series: 7 years Historic data and 7 years Forecast data.

Each of the 4 Products & Markets are quantified in US\$, by each year (7 historic & 7 forecast years).

Financial data is provided for Beauty & Hairdressing Services, by each year (7 historic & 7 forecast years), including complete aggregated Financials, Balance Sheets and Financial Margins and Ratios, by country.

A range of Industry Data is provided for Beauty & Hairdressing Services, by country, by year. The Industry Data is based on 4,396 Companies and Entities which Supply or Distribute Beauty & Hairdressing Services.

This Beauty & Hairdressing Services Report is a PDF Express Edition. 436 pages. Updated monthly.

Tables

12.

1.	World Market Historic : US\$ Million
2.	World Market Forecast : US\$ Million

Eurasia Market Forecast: US\$ Million

3. 4. 5. 6. 7. 8. 9.	Canada & USA Market Historic: US\$ Million Canada & USA Market Forecast: US\$ Million Central America Market Historic: US\$ Million Central America Market Forecast: US\$ Million South America Market Historic: US\$ Million South America Market Forecast: US\$ Million Europe Market Forecast: US\$ Million	13. 14. 15. 16. 17. 18.	Middle East Market Historic: US\$ Million Middle East Market Forecast: US\$ Million Africa Market Historic: US\$ Million Africa Market Forecast: US\$ Million Asia Market Historic: US\$ Million Asia Market Forecast: US\$ Million Oceania Market Historic: US\$ Million
10. 11.	Europe Market Forecast : US\$ Million Eurasia Market Historic : US\$ Million	20.	Oceania Market Forecast : US\$ Million

21.	Algeria Market Historic : US\$ Million	46.	Bahrain Market Historic : US\$ Million
22.	Algeria Market Forecast : US\$ Million	47.	Bahrain Market Forecast : US\$ Million
23.	Algeria Financials Historic	48.	Bahrain Financials Historic
24	Algorio Einopoiolo Eoropoet	40	Pahrain Financials Forecast

23. Algeria Financials Historic
24. Algeria Financials Forecast
25. Algeria Industry Norms
26. Bahrain Financials Fistoric
27. Bahrain Financials Fistoric
28. Bahrain Financials Fistoric
29. Bahrain Industry Norms

26. Argentina Market Historic: US\$ Million
 27. Argentina Market Forecast: US\$ Million
 28. Bangladesh Market Forecast: US\$ Million
 29. Bangladesh Market Forecast: US\$ Million
 20. Bangladesh Market Forecast: US\$ Million

28.Argentina Financials Historic53.Bangladesh Financials Historic29.Argentina Financials Forecast54.Bangladesh Financials Forecast30.Argentina Industry Norms55.Bangladesh Industry Norms

31. Australia Market Historic : US\$ Million
32. Australia Market Forecast : US\$ Million
33. Australia Financials Historic
56. Belarus Market Historic : US\$ Million
57. Belarus Market Forecast : US\$ Million
58. Belarus Financials Historic

33. Australia Financials Historic
 34. Australia Financials Forecast
 35. Australia Industry Norms
 38. Belarus Financials Historic
 39. Belarus Financials Forecast
 30. Belarus Industry Norms

36. Austria Market Historic : US\$ Million
 37. Austria Market Forecast : US\$ Million
 40. Belgium Market Historic : US\$ Million
 40. Belgium Market Forecast : US\$ Million

38. Austria Financials Historic
 39. Austria Financials Forecast
 40. Austria Industry Norms
 63. Belgium Financials Historic
 Belgium Financials Forecast
 Belgium Financials Forecast
 Belgium Industry Norms

Azerbaijan Market Historic : US\$ Million
 Azerbaijan Market Forecast : US\$ Million
 Bolivia Market Historic : US\$ Million
 Bolivia Market Forecast : US\$ Million

43. Azerbaijan Financials Historic
 44. Azerbaijan Financials Forecast
 45. Azerbaijan Industry Norms
 46. Bolivia Financials Historic
 47. Bolivia Financials Forecast
 48. Bolivia Financials Forecast
 49. Bolivia Financials Forecast
 45. Azerbaijan Industry Norms
 70. Bolivia Industry Norms

71.	Bosnia & Herzegovina Market Historic: US\$ Million	131.	Cyprus Market Historic : US\$ Million
72.	Bosnia & Herzegovina Market Forecast : US\$ Million	132.	Cyprus Market Forecast : US\$ Million
73.	Bosnia and Herzegovina Financials Historic	133.	Cyprus Financials Historic
74.	Bosnia and Herzegovina Financials Forecast	134.	Cyprus Financials Forecast
75.	Bosnia and Herzegovina Industry Norms	135.	Cyprus Industry Norms
	- The state of th		· · · · · · · · · · · · · · · · · · ·
76.	Botswana Market Historic : US\$ Million	136.	Czech Republic Market Historic : US\$ Million
77.	Botswana Market Forecast : US\$ Million	137.	Czech Republic Market Forecast : US\$ Million
78.	Botswana Financials Historic	138.	Czech Republic Financials Historic
79.	Botswana Financials Forecast	139.	Czech Republic Financials Forecast
80.	Botswana Industry Norms	140.	Czech Republic Industry Norms
81.	Brazil Market Historic: US\$ Million	141.	Denmark Market Historic : US\$ Million
82.	Brazil Market Forecast : US\$ Million	142.	Denmark Market Forecast : US\$ Million
83.	Brazil Financials Historic	143.	Denmark Financials Historic
84.	Brazil Financials Forecast	144.	Denmark Financials Forecast
85.		145.	
	Brazil Industry Norms		Denmark Industry Norms
86.	Bulgaria Market Historic : US\$ Million	146.	Ecuador Market Historic : US\$ Million
87.	Bulgaria Market Forecast : US\$ Million	147.	Ecuador Market Forecast : US\$ Million
88.	Bulgaria Financials Historic	148.	Ecuador Financials Historic
89.	Bulgaria Financials Forecast	149.	Ecuador Financials Forecast
90.	Bulgaria Industry Norms	150.	Ecuador Industry Norms
91.	Cambodia Market Historic : US\$ Million	151.	Egypt Market Historic : US\$ Million
92.	Cambodia Market Forecast : US\$ Million	152.	Egypt Market Forecast : US\$ Million
93.	Cambodia Financials Historic	153.	Egypt Financials Historic
94.	Cambodia Financials Forecast	154.	Egypt Financials Forecast
95.	Cambodia Industry Norms	155.	***
95. 96.	·	156.	Egypt Industry Norms
	Canada Market Historic : US\$ Million		El Salvador Market Historic : US\$ Million
97.	Canada Market Forecast : US\$ Million	157.	El Salvador Market Forecast : US\$ Million
98.	Canada Financials Historic	158.	El Salvador Financials Historic
99.	Canada Financials Forecast	159.	El Salvador Financials Forecast
100.	Canada Industry Norms	160.	El Salvador Industry Norms
101.	Chile Market Historic : US\$ Million	161.	Estonia Market Historic : US\$ Million
102.	Chile Market Forecast : US\$ Million	162.	Estonia Market Forecast : US\$ Million
103.	Chile Financials Historic	163.	Estonia Financials Historic
104.	Chile Financials Forecast	164.	Estonia Financials Forecast
105.	Chile Industry Norms	165.	Estonia Industry Norms
106.	China Market Historic : US\$ Million	166.	Finland Market Historic : US\$ Million
107.	China Market Forecast : US\$ Million	167.	Finland Market Forecast : US\$ Million
107.	China Financials Historic	168.	Finland Financials Historic
109.	China Financials Forecast	169.	Finland Financials Forecast
110.	China Industry Norms	170.	Finland Industry Norms
111.	Colombia Market Historic : US\$ Million	171.	France Market Historic : US\$ Million
112.	Colombia Market Forecast : US\$ Million	172.	France Market Forecast : US\$ Million
113.	Colombia Financials Historic	173.	France Financials Historic
114.	Colombia Financials Forecast	174.	France Financials Forecast
115.	Colombia Industry Norms	175.	France Industry Norms
116.	Costa Rica Market Historic : US\$ Million	176.	French Guiana Market Historic: US\$ Million
117.	Costa Rica Market Forecast : US\$ Million	177.	French Guiana Market Forecast : US\$ Million
118.	Costa Rica Financials Historic	178.	French Guiana Financials Historic
119.	Costa Rica Financials Forecast	179.	French Guiana Financials Forecast
120.	Costa Rica Industry Norms	180.	French Guiana Industry Norms
120.	•	181.	Georgia Market Historic : US\$ Million
	Croatia Market Historic : US\$ Million		
122.	Croatia Market Forecast : US\$ Million	182.	Georgia Market Forecast : US\$ Million
123.	Croatia Financials Historic	183.	Georgia Financials Historic
124.	Croatia Financials Forecast	184.	Georgia Financials Forecast
125.	Croatia Industry Norms	185.	Georgia Industry Norms
126.	Cuba Market Historic : US\$ Million	186.	Germany Market Historic : US\$ Million
127.	Cuba Market Forecast : US\$ Million	187.	Germany Market Forecast : US\$ Million
128.	Cuba Financials Historic	188.	Germany Financials Historic
129.	Cuba Financials Forecast	189.	Germany Financials Forecast
130.	Cuba Industry Norms	190.	Germany Industry Norms
•			

191.	Ghana Market Historic : US\$ Million	251.	Italy Market Historic : US\$ Million
192.	Ghana Market Forecast : US\$ Million	252.	Italy Market Forecast : US\$ Million
193.	Ghana Financials Historic	253.	Italy Financials Historic
194.	Ghana Financials Forecast	254.	Italy Financials Forecast
195.	Ghana Industry Norms	255.	Italy Industry Norms
196.		256.	
	Greece Market Historic: US\$ Million		Jamaica Market Historic : US\$ Million
197.	Greece Market Forecast : US\$ Million	257.	Jamaica Market Forecast : US\$ Million
198.	Greece Financials Historic	258.	Jamaica Financials Historic
199.	Greece Financials Forecast	259.	Jamaica Financials Forecast
200.	Greece Industry Norms	260.	Jamaica Industry Norms
201.	Guyana Market Historic : US\$ Million	261.	Japan Market Historic : US\$ Million
202.	Guyana Market Forecast : US\$ Million	262.	Japan Market Forecast : US\$ Million
203.	Guyana Financials Historic	263.	Japan Financials Historic
204.		264.	
	Guyana Financials Forecast		Japan Financials Forecast
205.	Guyana Industry Norms	265.	Japan Industry Norms
206.	Honduras Market Historic : US\$ Million	266.	Kazakhstan Market Historic : US\$ Million
207.	Honduras Market Forecast : US\$ Million	267.	Kazakhstan Market Forecast : US\$ Million
208.	Honduras Financials Historic	268.	Kazakhstan Financials Historic
209.	Honduras Financials Forecast	269.	Kazakhstan Financials Forecast
210.	Honduras Industry Norms	270.	Kazakhstan Industry Norms
211.	Hong Kong Market Historic : US\$ Million	271.	Kenya Market Historic : US\$ Million
212.		272.	
	Hong Kong Market Forecast: US\$ Million		Kenya Market Forecast : US\$ Million
213.	Hong Kong Financials Historic	273.	Kenya Financials Historic
214.	Hong Kong Financials Forecast	274.	Kenya Financials Forecast
215.	Hong Kong Industry Norms	275.	Kenya Industry Norms
216.	Hungary Market Historic : US\$ Million	276.	Kuwait Market Historic : US\$ Million
217.	Hungary Market Forecast : US\$ Million	277.	Kuwait Market Forecast : US\$ Million
218.	Hungary Financials Historic	278.	Kuwait Financials Historic
219.	Hungary Financials Forecast	279.	Kuwait Financials Forecast
220.	Hungary Industry Norms	280.	Kuwait Industry Norms
221.	Iceland Market Historic : US\$ Million	281.	Kyrgyzstan Market Historic : US\$ Million
222.	Iceland Market Fristone: 03\$ Million	282.	
			Kyrgyzstan Market Forecast : US\$ Million
223.	Iceland Financials Historic	283.	Kyrgyzstan Financials Historic
224.	Iceland Financials Forecast	284.	Kyrgyzstan Financials Forecast
225.	Iceland Industry Norms	285.	Kyrgyzstan Industry Norms
226.	India Market Historic : US\$ Million	286.	Laos Market Historic : US\$ Million
227.	India Market Forecast : US\$ Million	287.	Laos Market Forecast : US\$ Million
228.	India Financials Historic	288.	Laos Financials Historic
229.	India Financials Forecast	289.	Laos Financials Forecast
230.	India Industry Norms	290.	Laos Industry Norms
231.	Indonesia Market Historic : US\$ Million	291.	Latvia Market Historic : US\$ Million
232.	Indonesia Market Forecast : US\$ Million	292.	Latvia Market Forecast : US\$ Million
		293.	
233.	Indonesia Financials Historic		Latvia Financials Historic
234.	Indonesia Financials Forecast	294.	Latvia Financials Forecast
235.	Indonesia Industry Norms	295.	Latvia Industry Norms
236.	Iran Market Historic : US\$ Million	296.	Lebanon Market Historic : US\$ Million
237.	Iran Market Forecast : US\$ Million	297.	Lebanon Market Forecast : US\$ Million
238.	Iran Financials Historic	298.	Lebanon Financials Historic
239.	Iran Financials Forecast	299.	Lebanon Financials Forecast
240.	Iran Industry Norms	300.	Lebanon Industry Norms
241.	Ireland Market Historic : US\$ Million	301.	Lithuania Market Historic : US\$ Million
242.	Ireland Market Forecast : US\$ Million	302.	Lithuania Market Forecast : US\$ Million
	· · · · · · · · · · · · · · · · · · ·		
243.	Ireland Financials Historic	303.	Lithuania Financials Historic
244.	Ireland Financials Forecast	304.	Lithuania Financials Forecast
245.	Ireland Industry Norms	305.	Lithuania Industry Norms
246.	Israel Market Historic : US\$ Million	306.	Luxembourg Market Historic : US\$ Million
247.	Israel Market Forecast : US\$ Million	307.	Luxembourg Market Forecast : US\$ Million
248.	Israel Financials Historic	308.	Luxembourg Financials Historic
249.	Israel Financials Forecast	309.	Luxembourg Financials Forecast
250.	Israel Industry Norms	310.	Luxembourg Industry Norms
-	· · · · · · · · · · · · · · · · · · ·	-	J, .

lable	5		
311.	Malawi Market Historic : US\$ Million	371.	Peru Market Historic : US\$ Million
312.	Malawi Market Forecast : US\$ Million	372.	Peru Market Forecast : US\$ Million
313.	Malawi Financials Historic	373.	Peru Financials Historic
314.	Malawi Financials Forecast	374.	Peru Financials Forecast
315.	Malawi Industry Norms	375.	Peru Industry Norms
316.	Malaysia Market Historic : US\$ Million	376.	Philippines Market Historic : US\$ Million
317.	Malaysia Market Forecast : US\$ Million	377.	Philippines Market Forecast : US\$ Million
318.	Malaysia Financials Historic	378.	Philippines Financials Historic
319.	Malaysia Financials Forecast	379.	Philippines Financials Forecast
320.	Malaysia Industry Norms	380.	Philippines Industry Norms
321.	Mexico Market Historic : US\$ Million	381.	Poland Market Historic : US\$ Million
322.	Mexico Market Forecast : US\$ Million	382.	Poland Market Forecast: US\$ Million
323.	Mexico Financials Historic	383.	Poland Financials Historic
324.	Mexico Financials Forecast	384.	Poland Financials Forecast
325.	Mexico Industry Norms	385.	Poland Industry Norms
326.	Morocco Market Historic : US\$ Million	386.	Portugal Market Historic : US\$ Million
327.	Morocco Market Forecast : US\$ Million	387.	Portugal Market Forecast : US\$ Million
327. 328.		388.	-
	Morocco Financials Historic		Portugal Financials Historic
329.	Morocco Financials Forecast	389.	Portugal Financials Forecast
330.	Morocco Industry Norms	390.	Portugal Industry Norms
331.	Netherlands Market Historic : US\$ Million	391.	Romania Market Historic : US\$ Million
332.	Netherlands Market Forecast : US\$ Million	392.	Romania Market Forecast : US\$ Million
333.	Netherlands Financials Historic	393.	Romania Financials Historic
334.	Netherlands Financials Forecast	394.	Romania Financials Forecast
335.	Netherlands Industry Norms	395.	Romania Industry Norms
336.	New Zealand Market Historic : US\$ Million	396.	Russia Market Historic : US\$ Million
337.	New Zealand Market Forecast : US\$ Million	397.	Russia Market Forecast : US\$ Million
338.	New Zealand Financials Historic	398.	Russia Financials Historic
339.	New Zealand Financials Forecast	399.	Russia Financials Forecast
340.	New Zealand Industry Norms	400.	Russia Industry Norms
341.	Nicaragua Market Historic : US\$ Million	401.	Saudi Arabia Market Historic : US\$ Million
342.	Nicaragua Market Forecast : US\$ Million	402.	Saudi Arabia Market Forecast : US\$ Million
343.	Nicaragua Financials Historic	403.	Saudi Arabia Financials Historic
344.	Nicaragua Financials Forecast	404.	Saudi Arabia Financials Forecast
345.	Nicaragua Industry Norms	405.	Saudi Arabia Industry Norms
346.	Nigeria Market Historic : US\$ Million	406.	Serbia & Montenegro Market Historic : US\$ Million
347.	Nigeria Market Forecast : US\$ Million	407.	Serbia & Montenegro Market Forecast : US\$ Million
348.	Nigeria Financials Historic	408.	Serbia and Montenegro Financials Historic
349.	Nigeria Financials Forecast	409.	Serbia and Montenegro Financials Forecast
350.	Nigeria Industry Norms	410.	Serbia and Montenegro Industry Norms
351.	Norway Market Historic : US\$ Million	411.	Singapore Market Historic : US\$ Million
352.	Norway Market Forecast : US\$ Million	412.	Singapore Market Forecast : US\$ Million
353.	Norway Financials Historic	413.	Singapore Financials Historic
354.	Norway Financials Forecast	414.	Singapore Financials Forecast
355.	Norway Industry Norms	415.	Singapore Industry Norms
356.	Pakistan Market Historic : US\$ Million	416.	Slovakia Market Historic : US\$ Million
357.	Pakistan Market Forecast : US\$ Million	417.	Slovakia Market Forecast : US\$ Million
358.	Pakistan Financials Historic	418.	Slovakia Financials Historic
359.	Pakistan Financials Forecast	419.	Slovakia Financials Forecast
360.	Pakistan Industry Norms	420.	Slovakia Industry Norms
361.	Panama Market Historic : US\$ Million	421.	Slovenia Market Historic : US\$ Million
362.	Panama Market Forecast : US\$ Million	422.	Slovenia Market Forecast : US\$ Million
363.	Panama Financials Historic	423.	Slovenia Financials Historic
364.	Panama Financials Firecast	424.	Slovenia Financials Forecast
365.	Panama Industry Norms	425.	Slovenia Industry Norms
366.	Paraguay Market Historic : US\$ Million	425. 426.	South Africa Market Historic : US\$ Million
367.	Paraguay Market Forecast : US\$ Million	420. 427.	South Africa Market Firstone: 03\$ Million
368.	Paraguay Financials Historic	428.	South Africa Market Forecast : 055 Million South Africa Financials Historic
369.	Paraguay Financials Forecast	420. 429.	South Africa Financials Forecast
369. 370.	Paraguay Financials Forecast Paraguay Industry Norms	429. 430.	South Africa Industry Norms
570.	i araguay maasiiy momis	- 50.	Count Amound muusity Norms

Table	Tables			
431.	South Korea Market Historic : US\$ Million	486.	Uganda Market Historic : US\$ Million	
432.	South Korea Market Forecast : US\$ Million	487.	Uganda Market Forecast : US\$ Million	
433.	South Korea Financials Historic	488.	Uganda Financials Historic	
434.	South Korea Financials Forecast	489.	Uganda Financials Forecast	
435.	South Korea Industry Norms	490.	Uganda Industry Norms	
436.	Spain Market Historic: US\$ Million	491.	Ukraine Market Historic : US\$ Million	
437.	Spain Market Forecast : US\$ Million	492.	Ukraine Market Forecast : US\$ Million	
438.	Spain Financials Historic	493.	Ukraine Financials Historic	
439.	Spain Financials Forecast	494.	Ukraine Financials Forecast	
440.	Spain Industry Norms	495.	Ukraine Industry Norms	
441.	Sri Lanka Market Historic : US\$ Million	496.	United Arab Emirates Market Historic: US\$ Million	
442.	Sri Lanka Market Forecast : US\$ Million	497.	United Arab Emirates Market Forecast : US\$ Million	
443.	Sri Lanka Financials Historic	498.	United Arab Emirates Financials Historic	
444.	Sri Lanka Financials Forecast	499.	United Arab Emirates Financials Forecast	
445.	Sri Lanka Industry Norms	500.	United Arab Emirates Industry Norms	
446.	Suriname Market Historic: US\$ Million	501.	United Kingdom Market Historic : US\$ Million	
447.	Suriname Market Forecast : US\$ Million	502.	United Kingdom Market Forecast : US\$ Million	
448.	Suriname Financials Historic	503.	United Kingdom Financials Historic	
449.	Suriname Financials Forecast	504.	United Kingdom Financials Forecast	
450.	Suriname Industry Norms	505.	United Kingdom Industry Norms	
451.	Sweden Market Historic : US\$ Million	506.	United States Market Historic : US\$ Million	
452.	Sweden Market Forecast : US\$ Million	507.	United States Market Forecast : US\$ Million	
453.	Sweden Financials Historic	508.	United States Financials Historic	
454.	Sweden Financials Forecast	509.	United States Financials Forecast	
455.	Sweden Industry Norms	510.	United States Industry Norms	
456.	Switzerland Market Historic : US\$ Million	511.	Uruguay Market Historic : US\$ Million	
457.	Switzerland Market Forecast : US\$ Million	512.	Uruguay Market Forecast : US\$ Million	
458.	Switzerland Financials Historic	513.	Uruguay Financials Historic	
459.	Switzerland Financials Forecast	514.	Uruguay Financials Forecast	
460.	Switzerland Industry Norms	515.	Uruguay Industry Norms	
461.	Taiwan Market Historic : US\$ Million	516.	Uzbekistan Market Historic : US\$ Million	
462.	Taiwan Market Forecast : US\$ Million	517.	Uzbekistan Market Forecast : US\$ Million	
463.	Taiwan Financials Historic	518.	Uzbekistan Financials Historic	
464.	Taiwan Financials Forecast	519.	Uzbekistan Financials Forecast	
465.	Taiwan Industry Norms	520.	Uzbekistan Industry Norms	
466.	Tanzania Market Historic : US\$ Million	521.	Venezuela Market Historic : US\$ Million	
467.	Tanzania Market Forecast : US\$ Million	522.	Venezuela Market Forecast : US\$ Million	
468. 460	Tanzania Financials Historic	523.	Venezuela Financials Historic	
469.	Tanzania Financials Forecast	524.	Venezuela Financials Forecast	
470.	Tanzania Industry Norms Theiland Market Historia (HSC Millian)	525.	Venezuela Industry Norms	
471.	Thailand Market Historic: US\$ Million	526.	Vietnam Market Figure 1 US\$ Million	
472.	Thailand Market Forecast : US\$ Million Thailand Financials Historic	527.	Vietnam Market Forecast : US\$ Million	
473. 474.	Thailand Financials Firecast	528. 529.	Vietnam Financials Historic Vietnam Financials Forecast	
474. 475.		529. 530.		
475. 476.	Thailand Industry Norms Tunisia Market Historic : US\$ Million	530. 531.	Vietnam Industry Norms Zambia Market Historic : US\$ Million	
476. 477.	Tunisia Market Firecast : US\$ Million	531. 532.	Zambia Market Firecast : US\$ Million	
477. 478.	Tunisia Financials Historic	533.	Zambia Financials Historic	
479.	Tunisia Financials Firstonic Tunisia Financials Forecast	534.	Zambia Financials Firstofic Zambia Financials Forecast	
480.	Tunisia Industry Norms	535.	Zambia Industry Norms	
481.	Turkey Market Historic : US\$ Million	555.	Zamola industry Norms	
482.	Turkey Market Forecast : US\$ Million			
483.	Turkey Financials Historic			
484.	Turkey Financials Forecast			
485.	Turkey Industry Norms			
-				

Countries Covered

Croatia

Algeria Greece Peru Argentina Guyana **Philippines** Australia Honduras Poland Austria Hong Kong Portugal Romania Azerbaijan Hungary Bahrain Iceland Russia Bangladesh India Saudi Arabia

Belarus Indonesia Serbia & Montenegro

Belaium Singapore Iran Slovakia Bolivia Ireland Slovenia Bosnia & Herzegovina Israel Botswana South Africa Italy South Korea Brazil Jamaica Bulgaria Japan Spain Cambodia Kazakhstan Sri Lanka Canada Kenya Suriname Chile Kuwait Sweden Colombia Kyrgyzstan Switzerland Costa Rica Taiwan Laos

Cuba Lebanon Thailand
Cyprus Lithuania The Netherlands

Tanzania

Czech RepublicLuxembourgTunisiaDenmarkMalawiTurkeyEcuadorMalaysiaUgandaEgyptMexicoUkraine

Latvia

El Salvador **United Arab Emirates** Morocco Estonia New Zealand United Kingdom Finland Nicaragua **United States** France Nigeria Uruguay French Guiana Norway Uzbekistan Georgia Pakistan Venezuela Germany Vietnam Panama Zambia Ghana Paraguay

Data Caveat

The report databases are designed to give a common definition, unit of measure and quantification of markets in over 200 countries. The reports rely on data collection at various levels of the product flow; this effectively means, the producer, the distribution channels and the end user or consumers. This data is then correlated with any national and international statistical data produced by official agencies. Unfortunately, product flow data gathering in some countries is difficult, and furthermore the official statistical data is both inaccurate and sparse. In such circumstances, in some countries, we have to flag a Data Caveat as a warning. What this means is that in some countries the data is not sufficiently verifiable for statistical purposes and in those cases the data may not be presented.

Market Notes & Definitions

ALL MARKET DATA FIGURES ARE IN REAL TERMS: US\$

REAL TERMS are figures excluding the effects of inflation, thus the Forecasts and figures given can be readily converted into units or volume. This is done by applying the average prices for the base year and dividing the figures by this price for all years. Thus it is possible to easily ascertain both historic and forecasted product volume.

A "most recent published accounts" base is used because most company accounts are historic and thus clients will be able to compare the figures given in this report with their own company figures without the need for conversion or the need for inflators or multiplying factors.

AVERAGE SALES PRICES ARE NOT APPROPRIATE OR APPLICABLE TO THIS DATABASE

The effect of using Real Terms figures is that the forecasted figures will be depressed, as they do not include inflation, and figures from former years (i.e. before the Base Year) will be increased.

The Current or Base Year is at the convergent point as is the Current cost. This Current Cost usually increases because of the effects of inflation. The Real Terms figures do not include the effects of inflation and thus only increases or decreases if the actual product volume or units increase or decrease. In this way it is possible to evaluate the market and other figures more realistically.

The figures and the Trend figures represent an overall median probability trend line that is plotted to give the most probable course amongst the annual forecast scatter. Thus, the figures do not reflect year-on-year depressions and peaks in absolute terms, but instead represents a year-on-year modified trend line. The various SCENARIOS provided in the database reflect the differential forecasts specific to the factors being forecast.

The U.S. government uses the term Constant dollars (or "real" dollars) and this is defined thus: Output values converted to a base price level, calculated by dividing current (or actual) dollars by a deflator. Use of constant dollars eliminates the effects of price changes between the year of measurement and the base year and allows calculation of real changes in output.

HISTORIC & FORECAST MARKET DATA TRANSITION PERIODS

The HISTORIC DATA covers the last 7 years, and the MEDIAN FORECAST DATA series covers the years the next 7 years. There is always a transition period; which is in fact during the last two quarters, i.e. whilst the historic data is being collated. In addition the data given for the next two quarters is considered an estimate rather than a forecast. Thus the 12 month period around the database output date is an estimate.

THE MARKET ENVIRONMENT

There are four basic issues to investigate when considering the market environment:

- 1. Market Growth
- 2. Market Structure

- 3. Market/s Serviced
- 4. Customer & End User Factors
- 1. MARKET GROWTH (both short-term and medium term) is fully analysed in other sections and further analysed in these sections. The importance of this factor is of course self-evident and thus not requiring further explanation.
- 2. THE MARKET STRUCTURE is very critical for profitability. The nature of the market, the location of the Marketplace, the customer base and the supplier structure is fully provided in several other sections of this study and therefore no further discussion is necessary.
- 3. MARKET SERVICED is the term used to denote the function between the product/s and services offered by companies and the particular market sector the marketing effort reaches. In addition, there is the MARKET AVAILABILITY to consider as this represents the 'real market' available to any particular company or supplier.

THE TOTAL AVAILABLE MARKET



Thus the Market Area Serviced is the sector of the market for which companies are offering a suitable product or service and Available Markets the sector of the market reached by a company's marketing effort. The areas marked as the overlap in the Market Area Serviced, i.e. the market sector for which companies are offering suitable product/s or services and which may theoretically be reached by a company's marketing activities, but of which part is controlled by either other Purchasers or Suppliers. The Market Availability is the total market perceived by the total Purchaser universe; however the Available Markets the market which is actually available to individual Suppliers.

The Market Area Serviced is the true market in terms of product/s and services, however parts of this market may be difficult or impossible to attain due to the control exerted by either the controlling Purchasers or Suppliers.

HISTORIC DATA & TIME SERIES

Last 7 Years to Current Year

This standard HISTORIC format is the most popular time series demanded by readers. Many readers feel that it is more important to know what is likely to happen in the recent past rather that what has transpired in the long-term past. The HISTORIC DATA in the database covers the years from 1997 to the Current Year.

FORECAST DATA & TIME SERIES: MEDIAN MARKET FORECAST

From the Current Year to the next 7 Years

The MEDIAN FORECAST DATA covers the next 7 years. This standard FORECAST format is the most popular format demanded by readers.

We can of course provide readers with other data on long-range forecast data and this is done as part of the After-Sales Service.

1. ALL FIGURES IN THIS SECTION ARE IN REAL TERMS: Current Year BASE

REAL TERMS are prices excluding the effects of inflation, thus the Market Consumption figure given can be readily converted into units or volume. This is done by applying the average sales prices for the Current Year and dividing the Market Consumption figures by this price for all years. Thus it is possible to easily ascertain previous and forecasted product volume.

A base year is used because most company accounts are historic and thus readers will be able to compare the figures given in this volume with their own figures without the need for conversion or the need for inflators or multiplying factors.

The effect of using Real Terms figures is that the forecasted figures will be depressed, as they do not include inflation, and figures from former years will be increased.

- 2. The Market Consumption figures and the Trend figures represent an overall median probability trend line which is plotted to give the most probable course amongst the annual market forecast scatter. Thus the figures do not reflect year-on-year depressions and peaks in absolute terms, but instead represents a year-on-year modified trend line.
- 3. All analyses are based on correlations of the results of the Surveys of Suppliers, Distribution and Customers. Thus, for example, an analysis of Market Sectors will gain data firstly from the End User Surveys and secondly confirmations and correlations will be gained from the Surveys of Suppliers / Distributors. This in the opinion of the publishers is a very accurate method and is far superior than, for example, that which is used in the compilation of the majority of published governmental statistics.
- 4. All figures given in this volume refer only to the product/s covered and not to any other product or systems which may be connected or associated with the products covered.
- 5. The TREND figures given in the Industry section of this volume refers to the average year-on-year change in the period specified.
- 6. The YEAR-ON-YEAR TREND figures given in this volume refer to the average year-on-year change in the period specified

The AVERAGE GROWTH TRENDS figures refer to the long term trends over the period.

Thus the actual Trend is given by a year-on-year figure and the long-term Trends are given as a Real Terms Forecast.

DATABASE LONG-RANGE DATA & TIME SERIES

From 1972 until the Next 28 Years

The database contains a LONG-RANGE HISTORIC time series which covers the years from 1972. This is the standard long range HISTORIC format. We provide readers with this time series (on request) to enable long range regressional analysis for forecasting models which require an extended time period analysis.

The database contains a LONG-RANGE FORECAST time series which covers a period for the next 28 years. This is the standard long range forecast format and is usually used for planning production plant / capital projects, macroeconomic trends and demographics data.

We can of course provide readers with other data on long-range historic and forecast data and this is done as part of the After-Sales Service.

EXCHANGE RATES + PURCHASING POWER PARITY

The report database and forecasting models do not use current market or bank exchange rates as these can be deceptive. The rates used are those of the base year in addition to a number of real value factors which reflect the actual or forecasted value of the product in each of the national markets over the period 1974 to 2028. A simple conversion of local currency into U.S. Dollars or any other national currency cannot be used to adequately represent products or services.

The report database and forecasting models are attempting to show the relative values of products or markets free from any extraneous effects of currency movements or government fiscal policy which arbitrarily alter currency exchange rates. Thus the currency calculations and data in the database are indicating relative unit values or the relative cost of the product or service in the national market.

We do not indicate the Currency Conversion Rate that you can use with any calculations and readers will have to apply their own discretion in this respect. Beware however, such calculations involving currency conversions can be artificial and spurious and do not reflect real values of either products or markets.

The diagram shows the problem of relating Product or Market Values or Costs in Real Terms (+), the National Currency Value in Real Terms (i.e. excluding the effects of Inflation) and the Value of another currency (the Converted Currency, given as \$) in relation to the National Currency.

PRODUCT PARITY

The basis of the data provided is to allow users to produce business plans and forecasting models across national and statistically diverse boundaries. Thus it is necessary to adopt a standard product definition which can be then applied across national borders. The product definition chosen is the U.S. government's NAICS product codes (and the previous SIC product codes where relevant). The problem is to apply these product definitions across the national boundaries. The U.S. government stubbornly clings to the imperial system of measurement and this further complicates the matter.

The use of PRODUCT PARITY is intended to allow trans-national business planning and forecasting (however readers can request data based on national product definitions), and in general terms Product Parity means that equivalent products are compared even where the exact technical specification, or quantification, of the product is not the same. Thus a 12 fluid ounce liquid container as defined in the (Imperial measuring system) NAICS product codes is quantitatively equivalent to 35.5ml, however for the purposes of Product Parity it will be the equivalent of a 33ml liquid container in countries with a Metric measuring system. Similarly in non-Metric markets a 16 ounces or 1 pound Imperial measure, whilst actually equivalent to 454 grams, will equate to a 450 gram product in Metric measure markets.

For many products this 'Product Parity' will be based on the 'Purchasing Parity unit costs' -v- 'product performance', rather than 'unit cost' -v- 'technical specifications'. This is because national markets impose different technical specifications on products which essentially fulfil the same customer requirement, and thus these products have a Product Parity which can be used for uniform, cross border, business planning and forecasting.

Financial Notes & Definitions

HISTORIC & FORECAST FINANCIAL DATA TRANSITION PERIODS

The HISTORIC DATA covers the last 7 years, and the FORECAST DATA series covers the next 7 years. There is always a transition period; which is in fact during the last two quarters, i.e. whilst the historic data is being collated. In addition the data given for the next two quarters is considered an estimate rather than a forecast. Thus the 12 month period around the database output date is an estimate.

For the various Financial Scenarios it must be assumed that the Scenario factor or strategy being considered will not exert an impact on the forecast immediately and will not become evident for some time after its inception. Whilst the forecasting models used operates on a monthly time scale and does also take account of other temporal factors (for example seasonality of demand, industry accounting periods, stock taking scheduling, et al) it would be too pedantic to express the transition year in greater detail. Therefore in the forecast data a straight line plot is produced between the BASE year, through the transition period to the first full forecast year.

The data in this section derives data from 4,396 worldwide companies and organisations (Suppliers and Distribution Channel members).

ALL FINANCIAL DATA FIGURES ARE IN REAL TERMS

FINANCIAL BALANCE SHEETS

TOTAL SALES The TOTAL SALES figures given are synchronized with the Median Market Forecast and not to the individual Market Scenario Forecasts. This ensures that one can use a standardized market measure to compare the Financial data and not have the additional complication of interpreting the financial data in relation to the market scenarios. DOMESTIC SALES SEXPORTS PRE-TAX PROFIT SINTEREST PAID NON-TRADING INCOME OPERATING PROFIT DEPRECIATION: STRUCTURES DEPRECIATION: PLANT AND EQUIPMENT DEPRECIATION: MISCELLANEOUS ITEMS TOTAL DEPRECIATION TOTAL DEPRECIATION TRADING PROFIT SEA	les les les
individual Market Scenario Forecasts. This ensures that one can use a standardized market measure to compare the Financial data and not have the additional complication of interpreting the financial data in relation to the market scenarios. DOMESTIC SALES	les les les
3 EXPORTS % Sa 4 PRE-TAX PROFIT % Sa 5 INTEREST PAID % Sa 6 NON-TRADING INCOME % Sa 7 OPERATING PROFIT % Sa 8 DEPRECIATION: STRUCTURES % Sa 9 DEPRECIATION: PLANT AND EQUIPMENT % Sa 10 DEPRECIATION: MISCELLANEOUS ITEMS % Sa 11 TOTAL DEPRECIATION % Sa 12 TRADING PROFIT % Sa	les les les
4 PRE-TAX PROFIT % Sa 5 INTEREST PAID % Sa 6 NON-TRADING INCOME % Sa 7 OPERATING PROFIT % Sa 8 DEPRECIATION: STRUCTURES % Sa 9 DEPRECIATION: PLANT AND EQUIPMENT % Sa 10 DEPRECIATION: MISCELLANEOUS ITEMS % Sa 11 TOTAL DEPRECIATION % Sa 12 TRADING PROFIT % Sa	les les
5 INTEREST PAID % Sa 6 NON-TRADING INCOME % Sa 7 OPERATING PROFIT % Sa 8 DEPRECIATION: STRUCTURES % Sa 9 DEPRECIATION: PLANT AND EQUIPMENT % Sa 10 DEPRECIATION: MISCELLANEOUS ITEMS % Sa 11 TOTAL DEPRECIATION % Sa 12 TRADING PROFIT % Sa	les
6 NON-TRADING INCOME 7 OPERATING PROFIT 8 DEPRECIATION: STRUCTURES 9 DEPRECIATION: PLANT AND EQUIPMENT 10 DEPRECIATION: MISCELLANEOUS ITEMS 11 TOTAL DEPRECIATION 12 TRADING PROFIT % Sa 12 TRADING PROFIT	
7 OPERATING PROFIT % Sa 8 DEPRECIATION: STRUCTURES % Sa 9 DEPRECIATION: PLANT AND EQUIPMENT % Sa 10 DEPRECIATION: MISCELLANEOUS ITEMS % Sa 11 TOTAL DEPRECIATION % Sa 12 TRADING PROFIT % Sa	
8 DEPRECIATION: STRUCTURES % Sa 9 DEPRECIATION: PLANT AND EQUIPMENT % Sa 10 DEPRECIATION: MISCELLANEOUS ITEMS % Sa 11 TOTAL DEPRECIATION % Sa 12 TRADING PROFIT % Sa	es
9 DEPRECIATION: PLANT AND EQUIPMENT % Sa 10 DEPRECIATION: MISCELLANEOUS ITEMS % Sa 11 TOTAL DEPRECIATION % Sa 12 TRADING PROFIT % Sa	les
10DEPRECIATION: MISCELLANEOUS ITEMS% Sa11TOTAL DEPRECIATION% Sa12TRADING PROFIT% Sa	les
11 TOTAL DEPRECIATION % Sa 12 TRADING PROFIT % Sa	les
12 TRADING PROFIT % Sa	les
	les
13 INTANGIBLE ASSETS % Sa	les
	les
14 INTERMEDIATE ASSETS % Sa	les
15 FIXED ASSETS: STRUCTURES % Sa	les
16 FIXED ASSETS: PLANT AND EQUIPMENT % Sa	les
17 FIXED ASSETS: MISCELLANEOUS ITEMS % Sa	les
18 FIXED ASSETS % Sa	les
19 CAPITAL EXPENDITURE ON STRUCTURES % Sa	les
20 CAPITAL EXPENDITURE ON PLANT AND EQUIPMENT % Sa	
21 CAPITAL EXPENDITURE ON VEHICLES % Sa	les
22 CAPITAL EXPENDITURE ON DATA PROCESSING EQUIPMENT % Sa	
23 CAPITAL EXPENDITURE ON MISCELLANEOUS ITEMS % Sa	les

Row	TITLE	LEGEND
24	TOTAL CAPITAL EXPENDITURE	% Sales
25	RETIREMENTS: STRUCTURES	% Sales
26	RETIREMENTS: PLANT AND EQUIPMENT	% Sales
27	RETIREMENTS: MISCELLANEOUS ITEMS	% Sales
28	TOTAL RETIREMENTS	% Sales
29	TOTAL FIXED ASSETS	% Sales
30	FINISHED PRODUCT STOCKS	% Sales
31	WORK IN PROGRESS AS STOCKS	% Sales
32	MATERIALS AS STOCKS	% Sales
33	TOTAL STOCKS & INVENTORY	% Sales
34	DEBTORS	% Sales
35	MISCELLANEOUS CURRENT ASSETS	% Sales
36	TOTAL CURRENT ASSETS	% Sales
37	TOTAL ASSETS	% Sales
38	CREDITORS	% Sales
39	SHORT TERM LOANS	% Sales
40	MISCELLANEOUS CURRENT LIABILITIES	% Sales
41	TOTAL CURRENT LIABILITIES	% Sales
42	NET ASSETS / CAPITAL EMPLOYED	% Sales
43	SHAREHOLDERS FUNDS	% Sales
44	LONG TERM LOANS	% Sales
45	MISCELLANEOUS LONG TERM LIABILITIES	% Sales
46	WORKERS	persons
47	HOURS WORKED	Hours
48	WORK IN 1ST QUARTER	% of Annual
49	WORK IN 2ND QUARTER	% of Annual
50	WORK IN 3RD QUARTER	% of Annual
51	WORK IN 4TH QUARTER	% of Annual
52	TOTAL EMPLOYEES	persons
53	RAW MATERIALS COST	% Sales
54	FINISHED MATERIALS COST	% Sales
55	FUEL COST	% Sales
56	ELECTRICITY COST	% Sales
57	TOTAL INPUT SUPPLIES / MATERIALS AND ENERGY COSTS	% Sales
58	PAYROLL COSTS	% Sales
59	WAGES	% Sales
60	DIRECTORS' REMUNERATIONS	% Sales
61	EMPLOYEE BENEFITS	% Sales
62	COMMISSIONS & INCENTIVES PAID	% Sales
63	TOTAL REMUNERATIONS	% Sales
64	SUB CONTRACTORS	% Sales
65	RENTAL & LEASING: STRUCTURES	% Sales
66	RENTAL & LEASING: PLANT AND EQUIPMENT	% Sales
		% Sales

68 MAINTENANCE: STRUCTURES % Sales 69 MAINTENANCE: PLANT AND EQUIPMENT % Sales 70 TOTAL MAINTENANCE COSTS % Sales 71 SERVICES PURCHASED % Sales 72 COMMUNICATIONS COSTS % Sales 73 MISCELLANEOUS EXPENSES % Sales 74 SALES PERSONNEL VARIABLE & COMMISSION COSTS % Sales 75 SALES PERSONNEL VARIABLE & COMMISSION COSTS % Sales 76 SALES MATERIALS COSTS % Sales 77 TOTAL SALES COSTS % Sales 78 DISTRIBUTION VARIABLE COSTS % Sales 79 DISTRIBUTION TYPED COSTS % Sales 80 WAREHOUSING FIXED COSTS % Sales 81 WAREHOUSING VARIABLE COSTS % Sales 82 PHYSICAL HANDLING FIXED COSTS % Sales 83 PHYSICAL HANDLING FIXED COSTS % Sales 84 PHYSICAL PROCESS FIXED COSTS % Sales 85 TOTAL DISTRIBUTION AND HANDLING COSTS % Sales 86 TOTAL DISTRIBUTION AND HANDLING COSTS	Row	TITLE	LEGEND
69 MAINTENANCE: PLANT AND EQUIPMENT % Sales 70 TOTAL MAINTENANCE COSTS % Sales 71 SERVICES PURCHASED % Sales 72 COMMUNICATIONS COSTS % Sales 73 MISCELLANEOUS EXPENSES % Sales 74 SALES PERSONNEL VARIABLE & COMMISSION COSTS % Sales 75 SALES EXPENSES AND COSTS % Sales 76 SALES MATERIALS COSTS % Sales 77 TOTAL SALES COSTS % Sales 78 DISTRIBUTION PIXED COSTS % Sales 79 DISTRIBUTION VARIABLE COSTS % Sales 80 WAREHOUSING FIXED COSTS % Sales 81 WAREHOUSING FIXED COSTS % Sales 82 PHYSICAL HANDLING VARIABLE COSTS % Sales 83 PHYSICAL HANDLING VARIABLE COSTS % Sales 84 PHYSICAL PROCESS VARIABLE COSTS % Sales 86 TOTAL DISTRIBUTION AND HANDLING COSTS % Sales 87 MAILING & CORRESPONDENCE COSTS % Sales 88 MEDIA ADVERTISING COSTS % Sales			
70 TOTAL MAINTENANCE COSTS % Sales 71 SERVICES PURCHASED % Sales 72 COMMUNICATIONS COSTS % Sales 73 MISCELLANEOUS EXPENSES % Sales 74 SALES PERSONNEL VARIABLE & COMMISSION COSTS % Sales 75 SALES EXPENSES AND COSTS % Sales 76 SALES MATERIALS COSTS % Sales 77 TOTAL SALES COSTS % Sales 78 DISTRIBUTION FIXED COSTS % Sales 79 DISTRIBUTION VARIABLE COSTS % Sales 80 WAREHOUSING FIXED COSTS % Sales 80 WAREHOUSING VARIABLE COSTS % Sales 82 PHYSICAL HANDLING VARIABLE COSTS % Sales 84 PHYSICAL PROCESS VARIABLE COSTS % Sales 85 PHYSICAL PROCESS VARIABLE COSTS % Sales 86 PHYSICAL PROCESS VARIABLE COSTS % Sales 86 TOTAL DISTRIBUTION AND HANDLING COSTS % Sales 87 MAILING & CORRESPONDENCE COSTS % Sales 88 MEDIA ADVERTISING MATERIALS & PRINT COSTS			
71 SERVICES PURCHASED % Sales 72 COMMUNICATIONS COSTS % Sales 73 MISCELLANEOUS EXPENSES % Sales 74 SALES PERSONNEL VARIABLE & COMMISSION COSTS % Sales 75 SALES PERSONNEL VARIABLE & COMMISSION COSTS % Sales 76 SALES MATERIALS COSTS % Sales 77 TOTAL SALES COSTS % Sales 78 DISTRIBUTION FIXED COSTS % Sales 80 WAREHOUSING FIXED COSTS % Sales 80 WAREHOUSING FIXED COSTS % Sales 81 WAREHOUSING VARIABLE COSTS % Sales 82 PHYSICAL HANDLING VARIABLE COSTS % Sales 84 PHYSICAL HANDLING VARIABLE COSTS % Sales 84 PHYSICAL PROCESS FIXED COSTS % Sales 85 PHYSICAL PROCESS FIXED COSTS % Sales 86 TOTAL DISTRIBUTION AND HANDLING COSTS % Sales 87 MAILING & CORRESPONDENCE COSTS % Sales 88 MEDIA ADVERTISING COSTS % Sales 89 ADVERTISING MATERIALS & PRINT COSTS </td <td>70</td> <td></td> <td></td>	70		
72 COMMUNICATIONS COSTS % Sales 73 MISCELLANEOUS EXPENSES % Sales 74 SALES PERSONNEL VARIABLE & COMMISSION COSTS % Sales 75 SALES MATERIALS COSTS % Sales 76 SALES MATERIALS COSTS % Sales 77 TOTAL SALES COSTS % Sales 78 DISTRIBUTION PIXED COSTS % Sales 79 DISTRIBUTION VARIABLE COSTS % Sales 80 WAREHOUSING FIXED COSTS % Sales 81 WAREHOUSING FIXED COSTS % Sales 82 PHYSICAL HANDLING FIXED COSTS % Sales 84 PHYSICAL PROCESS FIXED COSTS % Sales 84 PHYSICAL PROCESS VARIABLE COSTS % Sales 85 PHYSICAL PROCESS VARIABLE COSTS % Sales 86 TOTAL DISTRIBUTION AND HANDLING COSTS % Sales 87 MAILING & CORRESPONDENCE COSTS % Sales 88 MEDIA ADVERTISING COSTS % Sales 89 POS & DISPLAY COSTS % Sales 91 EXHIBITION & EVENTS COSTS % Sales	71	SERVICES PURCHASED	
73 MISCELLANEOUS EXPENSES % Sales 74 SALES PERSONNEL VARIABLE & COMMISSION COSTS % Sales 75 SALES EXPENSES AND COSTS % Sales 76 SALES MATERIALS COSTS % Sales 77 TOTAL SALES COSTS % Sales 78 DISTRIBUTION FIXED COSTS % Sales 78 DISTRIBUTION VARIABLE COSTS % Sales 80 WAREHOUSING FIXED COSTS % Sales 81 WAREHOUSING FIXED COSTS % Sales 81 WAREHOUSING VARIABLE COSTS % Sales 82 PHYSICAL HANDLING FIXED COSTS % Sales 83 PHYSICAL HANDLING VARIABLE COSTS % Sales 84 PHYSICAL PROCESS VARIABLE COSTS % Sales 85 PHYSICAL PROCESS VARIABLE COSTS % Sales 86 TOTAL DISTRIBUTION AND HANDLING COSTS % Sales 87 MAILING & CORRESPONDENCE COSTS % Sales 88 MEDIA ADVERTISING COSTS % Sales 89 ADVERTISING MATERIALS & PRINT COSTS % Sales 90 POS & DISPLAY COSTS	72	COMMUNICATIONS COSTS	
74 SALES PERSONNEL VARIABLE & COMMISSION COSTS % Sales 75 SALES EXPENSES AND COSTS % Sales 76 SALES MATERIALS COSTS % Sales 77 TOTAL SALES COSTS % Sales 78 DISTRIBUTION INED COSTS % Sales 79 DISTRIBUTION VARIABLE COSTS % Sales 80 WAREHOUSING FIXED COSTS % Sales 81 WAREHOUSING VARIABLE COSTS % Sales 82 PHYSICAL HANDLING FIXED COSTS % Sales 83 PHYSICAL HANDLING VARIABLE COSTS % Sales 84 PHYSICAL PROCESS FIXED COSTS % Sales 85 PHYSICAL PROCESS VARIABLE COSTS % Sales 86 TOTAL DISTRIBUTION AND HANDLING COSTS % Sales 87 MAILING & CORRESPONDENCE COSTS % Sales 88 MEDIA ADVERTISING COSTS % Sales 90 POS & DISPLAY COSTS % Sales 91 EXHIBITION & EVENTS COSTS % Sales 92 TOTAL ADVERTISING COSTS % Sales 93 PRODUCT RETURNS & REJECTION COSTS % Sales 94 PRODUCT INSTALLATION & REINSTALLATION C	73	MISCELLANEOUS EXPENSES	
76 SALES MATERIALS COSTS % Sales 77 TOTAL SALES COSTS % Sales 78 DISTRIBUTION FIXED COSTS % Sales 79 DISTRIBUTION VARIABLE COSTS % Sales 80 WAREHOUSING FIXED COSTS % Sales 81 WAREHOUSING VARIABLE COSTS % Sales 82 PHYSICAL HANDLING FIXED COSTS % Sales 83 PHYSICAL HANDLING FIXED COSTS % Sales 84 PHYSICAL PROCESS FIXED COSTS % Sales 85 PHYSICAL PROCESS FIXED COSTS % Sales 86 FOTAL DISTRIBUTION AND HANDLING COSTS % Sales 87 MAILING & CORRESPONDENCE COSTS % Sales 88 MEDIA ADVERTISING COSTS % Sales 89 ADVERTISING MATERIALS & PRINT COSTS % Sales 89 ADVERTISING MATERIALS & PRINT COSTS % Sales 90 POS & DISPLAY COSTS % Sales 91 EXHIBITION & EVENTS COSTS % Sales 92 TOTAL ADVERTISING COSTS % Sales 93 PRODUCT RETURNS & REJECTION COSTS % Sales 94 PRODUCT INSTALLATION & RE-INSTALLATION COSTS % Sales 95 PRODUCT SERVICE & MAINTENANCE COSTS % Sales 96 PRODUCT SERVICE & MAINTENANCE COSTS % Sales 97 PRODUCT SERVICE & MAINTENANCE COSTS % Sales 98 CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS % Sales 99 TOTAL ADVERTISING COSTS % Sales 90 PRODUCT SERVICE & MAINTENANCE COSTS % Sales 90 PRODUCT SERVICE & MAINTENANCE COSTS % Sales 910 TOTAL MARKETING COSTS % Sales 92 TOTAL AFTER-SALES COSTS % Sales 93 PRODUCT SERVICE & MAINTENANCE COSTS % Sales 94 CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS % Sales 95 TOTAL AFTER-SALES COSTS % Sales 96 CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS % Sales 97 TOTAL AFTER-SALES COSTS % Sales 98 CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS % Sales 99 TOTAL AFTER-SALES COSTS % Sales 100 TOTAL MARKETING COSTS % Sales 101 NEW TECHNOLOGY EXPENDITURE % Sales 102 NEW PRODUCTION TECHNOLOGY EXPENDITURE % Sales 103 TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE % Sales 104 TOTAL OPERATIONAL & PROCESS COSTS % Sales 105 DEBTORS WITHIN AGREED TERMS % Sales 106 DEBTORS WITHIN AGREED TERMS % Sales	74	SALES PERSONNEL VARIABLE & COMMISSION COSTS	
TOTAL SALES COSTS DISTRIBUTION FIXED COSTS DISTRIBUTION VARIABLE COSTS WAREHOUSING FIXED COSTS WAREHOUSING FIXED COSTS WAREHOUSING VARIABLE COSTS WAREHOUSING VARIABLE COSTS WAREHOUSING VARIABLE COSTS WAREHOUSING VARIABLE COSTS Sales WAREHOUSING VARIABLE COSTS Sales WAREHOUSING VARIABLE COSTS Sales PHYSICAL HANDLING FIXED COSTS Sales PHYSICAL HANDLING VARIABLE COSTS WASALES HYYSICAL PROCESS FIXED COSTS Sales ADALE PROCESS VARIABLE COSTS MAILING & CORRESPONDENCE COSTS MAILING & CORRESP	75	SALES EXPENSES AND COSTS	% Sales
DISTRIBUTION FIXED COSTS DISTRIBUTION VARIABLE COSTS WAREHOUSING FIXED COSTS WAREHOUSING FIXED COSTS WAREHOUSING FIXED COSTS WAREHOUSING VARIABLE COSTS WAREHOUSING VARIABLE COSTS WAREHOUSING VARIABLE COSTS WAREHOUSING VARIABLE COSTS WASIES PHYSICAL HANDLING VARIABLE COSTS WASIES PHYSICAL PROCESS FIXED COSTS WASIES FOR PHYSICAL PROCESS VARIABLE COSTS WASIES FOR WAILING & CORRESPONDENCE COSTS WASIES MEDIA ADVERTISING AND HANDLING COSTS WASIES WASIES WEDIA ADVERTISING COSTS WASIES WEDIA ADVERTISING ATTERIALS & PRINT COSTS WASIES WA	76	SALES MATERIALS COSTS	% Sales
79 DISTRIBUTION VARIABLE COSTS 80 WAREHOUSING FIXED COSTS 81 WAREHOUSING VARIABLE COSTS 81 WAREHOUSING VARIABLE COSTS 82 PHYSICAL HANDLING FIXED COSTS 83 PHYSICAL HANDLING VARIABLE COSTS 84 PHYSICAL PROCESS FIXED COSTS 85 Sales 86 PHYSICAL PROCESS FIXED COSTS 86 PHYSICAL PROCESS VARIABLE COSTS 87 WAREHOUSING VARIABLE COSTS 88 WEDIA DISTRIBUTION AND HANDLING COSTS 89 ADVERTISING COSTS 80 MEDIA ADVERTISING COSTS 80 ADVERTISING MATERIALS & PRINT COSTS 80 POS & DISPLAY COSTS 81 EXHIBITION & EVENTS COSTS 82 Sales 83 PRODUCT RETURNS & REJECTION COSTS 84 PRODUCT RETURNS & REJECTION COSTS 85 PRODUCT BREAKDOWN & POST INSTALLATION COSTS 86 PRODUCT SERVICE & MAINTENANCE COSTS 87 Sales 88 CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS 88 Sales 89 PRODUCT SERVICE & MAINTENANCE COSTS 89 PRODUCT SERVICE & MAINTENANCE COSTS 80 Sales 810 NEW TECHNOLOGY EXPENDITURE 80 SALES 810 TOTAL AFTER-SALES COSTS 80 SALES 810 TOTAL AFTER-SALES COSTS 80 SALES 810 TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE 80 SALES 810 DEBTORS OUTSIDE AGREED TERMS 80 SALES 80 SA	77	TOTAL SALES COSTS	% Sales
80 WAREHOUSING FIXED COSTS 81 WAREHOUSING VARIABLE COSTS 82 PHYSICAL HANDLING FIXED COSTS 83 PHYSICAL HANDLING VARIABLE COSTS 84 PHYSICAL PROCESS FIXED COSTS 85 PHYSICAL PROCESS VARIABLE COSTS 86 PHYSICAL PROCESS VARIABLE COSTS 86 TOTAL DISTRIBUTION AND HANDLING COSTS 87 MAILING & CORRESPONDENCE COSTS 88 MEDIA ADVERTISING COSTS 89 ADVERTISING MATERIALS & PRINT COSTS 80 HOS & Sales 81 EXHIBITION & EVENTS COSTS 82 Sales 82 TOTAL ADVERTISING COSTS 83 Sales 84 PRODUCT RETURNS & REJECTION COSTS 85 Sales 86 PRODUCT SYSTEMS & CONFIGURATION COSTS 86 Sales 87 MAILING & CORRESPONDENCE COSTS 88 MEDIA ADVERTISING COSTS 89 ADVERTISING MATERIALS & PRINT COSTS 80 POS & DISPLAY COSTS 80 Sales 81 EXHIBITION & EVENTS COSTS 80 Sales 81 PRODUCT RETURNS & REJECTION COSTS 81 Sales 82 PRODUCT SYSTEMS & CONFIGURATION COSTS 83 Sales 84 PRODUCT SYSTEMS & CONFIGURATION COSTS 85 Sales 86 PRODUCT SYSTEMS & CONFIGURATION COSTS 86 Sales 87 PRODUCT SERVICE & MAINTENANCE COSTS 88 CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS 89 Sales 100 TOTAL MARKETING COSTS 80 Sales 101 NEW TECHNOLOGY EXPENDITURE 80 Sales 102 NEW PRODUCTION TECHNOLOGY EXPENDITURE 80 Sales 103 TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE 80 Sales 104 TOTAL OPERATIONAL & PROCESS COSTS 80 Sales 105 DEBTORS WITHIN AGREED TERMS 80 Sales 106 DEBTORS OUTSIDE AGREED TERMS 80 Sales 107 DEBTORS OUTSIDE AGREED TERMS 80 Sales 108 DEBTORS OUTSIDE AGREED TERMS 80 SALES	78	DISTRIBUTION FIXED COSTS	% Sales
81 WAREHOUSING VARIABLE COSTS 82 PHYSICAL HANDLING FIXED COSTS 83 PHYSICAL HANDLING VARIABLE COSTS 84 PHYSICAL PROCESS FIXED COSTS 85 PHYSICAL PROCESS FIXED COSTS 86 PHYSICAL PROCESS VARIABLE COSTS 87 Sales 88 PHYSICAL PROCESS VARIABLE COSTS 88 FIXED COSTS 89 Sales 80 TOTAL DISTRIBUTION AND HANDLING COSTS 80 WAILING & CORRESPONDENCE COSTS 80 MAILING & CORRESPONDENCE COSTS 81 Sales 82 MEDIA ADVERTISING COSTS 83 MEDIA ADVERTISING COSTS 84 Sales 85 MEDIA ADVERTISING COSTS 85 Sales 86 MEDIA ADVERTISING COSTS 86 MEDIA ADVERTISING COSTS 87 Sales 87 POS & DISPLAY COSTS 88 MEDIA ADVERTISING COSTS 89 Sales 80 POS & DISPLAY COSTS 80 Sales 81 EXHIBITION & EVENTS COSTS 80 Sales 81 EXHIBITION & REVENTS COSTS 80 Sales 81 PRODUCT RETURNS & REJECTION COSTS 81 Sales 82 PRODUCT BERAKDOWN & POST INSTALLATION COSTS 82 Sales 83 PRODUCT SYSTEMS & CONFIGURATION COSTS 84 Sales 85 PRODUCT SERVICE & MAINTENANCE COSTS 85 Sales 86 CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS 85 Sales 100 TOTAL AFTER-SALES COSTS 101 NEW TECHNOLOGY EXPENDITURE 102 NEW PRODUCTION TECHNOLOGY EXPENDITURE 103 TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE 104 TOTAL OPERATIONAL & PROCESS COSTS 105 DEBTORS WITHIN AGREED TERMS 106 DEBTORS OUTSIDE AGREED TERMS 107 Sales 108 DEBTORS OUTSIDE AGREED TERMS 108 Sales 109 DEBTORS OUTSIDE AGREED TERMS 109 Sales 100 DEBTORS OUTSIDE AGREED TERMS 101 DEBTORS OUTSIDE AGREED TERMS 102 SALES	79	DISTRIBUTION VARIABLE COSTS	% Sales
PHYSICAL HANDLING FIXED COSTS PHYSICAL HANDLING VARIABLE COSTS PHYSICAL PROCESS FIXED COSTS PHYSICAL PROCESS FIXED COSTS TOTAL DISTRIBUTION AND HANDLING COSTS MAILING & CORRESPONDENCE COSTS MAILING & CORRESPONDENCE COSTS MEDIA ADVERTISING COSTS MEDIA ADVERTISING COSTS ADVERTISING MATERIALS & PRINT COSTS Sales POS & DISPLAY COSTS SAles PRODUCT RETURNS & REJECTION COSTS PRODUCT RETURNS & REJINSTALLATION COSTS PRODUCT BERAKDOWN & POST INSTALLATION COSTS PRODUCT SERVICE & MAINTENANCE COSTS PRODUCT SERVICE & MAINTENANCE COSTS Sales TOTAL AFTER-SALES COSTS SALES TOTAL AFTER-SALES COSTS SALES PRODUCT SERVICE & MAINTENANCE COSTS SALES TOTAL AFTER-SALES COSTS SALES MEDIA ADVERTISING COSTS SALES MEDIA ADVE	80	WAREHOUSING FIXED COSTS	% Sales
83 PHYSICAL HANDLING VARIABLE COSTS 84 PHYSICAL PROCESS FIXED COSTS 85 PHYSICAL PROCESS FIXED COSTS 86 TOTAL DISTRIBUTION AND HANDLING COSTS 87 MAILING & CORRESPONDENCE COSTS 88 MEDIA ADVERTISING COSTS 89 ADVERTISING MATERIALS & PRINT COSTS 89 ADVERTISING MATERIALS & PRINT COSTS 89 ADVERTISING SOSTS 80 POS & DISPLAY COSTS 80 POS & DISPLAY COSTS 81 EXHIBITION & EVENTS COSTS 82 TOTAL ADVERTISING COSTS 83 PRODUCT RETURNS & REJECTION COSTS 84 PRODUCT INSTALLATION & RE-INSTALLATION COSTS 85 PRODUCT SYSTEMS & CONFIGURATION COSTS 86 CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS 87 Sales 88 PRODUCT SERVICE & MAINTENANCE COSTS 89 CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS 80 Sales 81 CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS 80 Sales 81 CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS 80 Sales 81 TOTAL AFTER-SALES COSTS 80 Sales 81 TOTAL AFTER-SALES COSTS 80 Sales 81 TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE 80 Sales 81 TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE 80 SALES 81 TOTAL OPERATIONAL & PROCESS COSTS 80 SALES 81 TOTAL O	81	WAREHOUSING VARIABLE COSTS	% Sales
PHYSICAL PROCESS FIXED COSTS PHYSICAL PROCESS VARIABLE COSTS TOTAL DISTRIBUTION AND HANDLING COSTS MAILING & CORRESPONDENCE COSTS MEDIA ADVERTISING COSTS ADVERTISING MATERIALS & PRINT COSTS EXHIBITION & EVENTS COSTS POS & DISPLAY COSTS PRODUCT RETURNS & REJECTION COSTS PRODUCT INSTALLATION & RE-INSTALLATION COSTS PRODUCT SYSTEMS & CONFIGURATION COSTS PRODUCT SYSTEMS & CONFIGURATION COSTS CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS TOTAL AFTER-SALES COSTS CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS TOTAL AFTER-SALES COSTS MEDIA AFTER-SALES COSTS SALES TOTAL MARKETING COSTS SALES TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE SALES TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE SALES TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE SALES TOTAL OPERATIONAL & PROCESS COSTS SALES TOTAL	82	PHYSICAL HANDLING FIXED COSTS	% Sales
85 PHYSICAL PROCESS VARIABLE COSTS 86 TOTAL DISTRIBUTION AND HANDLING COSTS 87 MAILING & CORRESPONDENCE COSTS 88 MEDIA ADVERTISING COSTS 89 ADVERTISING MATERIALS & PRINT COSTS 89 ADVERTISING MATERIALS & PRINT COSTS 89 (Sales) 89 POS & DISPLAY COSTS 80 POS & DISPLAY COSTS 80 POS & DISPLAY COSTS 81 SAles 89 PRODUCT RETURNS & REJECTION COSTS 80 PRODUCT RETURNS & REJECTION COSTS 81 SALES 82 PRODUCT BREAKDOWN & POST INSTALLATION COSTS 83 PRODUCT SYSTEMS & CONFIGURATION COSTS 84 Sales 85 PRODUCT SYSTEMS & CONFIGURATION COSTS 86 SALES 87 PRODUCT SERVICE & MAINTENANCE COSTS 88 CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS 89 TOTAL AFTER-SALES COSTS 80 Sales 810 TOTAL MARKETING COSTS 80 Sales 810 TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE 80 Sales 810 TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE 80 Sales 810 DEBTORS OUTSIDE AGREED TERMS 80 Sales 810 DEBTORS OUTSIDE AGREED TERMS 80 Sales	83	PHYSICAL HANDLING VARIABLE COSTS	% Sales
TOTAL DISTRIBUTION AND HANDLING COSTS MAILING & CORRESPONDENCE COSTS MAILING & CORRESPONDENCE COSTS MEDIA ADVERTISING COSTS MEDIA ADVERTISING MATERIALS & PRINT COSTS MEDIA ADVERTISING MATERIALS & PRINT COSTS MEDIA ADVERTISING MATERIALS & PRINT COSTS MEDIA ADVERTISING COSTS Sales TOTAL ADVERTISING COSTS MEDIA A	84	PHYSICAL PROCESS FIXED COSTS	% Sales
MAILING & CORRESPONDENCE COSTS MEDIA ADVERTISING COSTS MEDIA ADVERTISING MATERIALS & PRINT COSTS MEDIA ADVERTISING MATERIALS & PRINT COSTS MEDIA ADVERTISING MATERIALS & PRINT COSTS MEDIA SALES MEDIA ADVERTISING MATERIALS & PRINT COSTS MEDIA SALES MEDIA ADVERTISING COSTS MEDIA SALES MEDI	85	PHYSICAL PROCESS VARIABLE COSTS	% Sales
MEDIA ADVERTISING COSTS ADVERTISING MATERIALS & PRINT COSTS POS & DISPLAY COSTS Sales EXHIBITION & EVENTS COSTS Sales PRODUCT RETURNS & REJECTION COSTS PRODUCT INSTALLATION & RE-INSTALLATION COSTS PRODUCT BREAKDOWN & POST INSTALLATION COSTS PRODUCT SYSTEMS & CONFIGURATION COSTS PRODUCT SERVICE & MAINTENANCE COSTS CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS Sales TOTAL AFTER-SALES COSTS NEW PRODUCTION TECHNOLOGY EXPENDITURE NEW PRODUCTION TECHNOLOGY EXPENDITURE MEW PRODUCTION TECHNOLOGY EXPENDITURE Sales TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE MES SALES DEBTORS WITHIN AGREED TERMS Sales DEBTORS OUTSIDE AGREED TERMS Sales MS Sales Sales MS	86	TOTAL DISTRIBUTION AND HANDLING COSTS	% Sales
ADVERTISING MATERIALS & PRINT COSTS POS & DISPLAY COSTS Sales EXHIBITION & EVENTS COSTS Sales TOTAL ADVERTISING COSTS PRODUCT RETURNS & REJECTION COSTS PRODUCT INSTALLATION & RE-INSTALLATION COSTS PRODUCT BREAKDOWN & POST INSTALLATION COSTS PRODUCT SYSTEMS & CONFIGURATION COSTS PRODUCT SYSTEMS & CONFIGURATION COSTS PRODUCT SERVICE & MAINTENANCE COSTS CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS Sales TOTAL AFTER-SALES COSTS NEW PRODUCTION TECHNOLOGY EXPENDITURE NEW PRODUCTION TECHNOLOGY EXPENDITURE NEW PRODUCTION TECHNOLOGY EXPENDITURE Sales TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE Sales TOTAL OPERATIONAL & PROCESS COSTS DEBTORS WITHIN AGREED TERMS Sales DEBTORS OUTSIDE AGREED TERMS Sales MS Sales S	87	MAILING & CORRESPONDENCE COSTS	% Sales
90 POS & DISPLAY COSTS % Sales 91 EXHIBITION & EVENTS COSTS % Sales 92 TOTAL ADVERTISING COSTS % Sales 93 PRODUCT RETURNS & REJECTION COSTS % Sales 94 PRODUCT INSTALLATION & RE-INSTALLATION COSTS % Sales 95 PRODUCT BREAKDOWN & POST INSTALLATION COSTS % Sales 96 PRODUCT SYSTEMS & CONFIGURATION COSTS % Sales 97 PRODUCT SERVICE & MAINTENANCE COSTS % Sales 98 CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS % Sales 99 TOTAL AFTER-SALES COSTS % Sales 100 TOTAL MARKETING COSTS % Sales 101 NEW TECHNOLOGY EXPENDITURE % Sales 102 NEW PRODUCTION TECHNOLOGY EXPENDITURE % Sales 103 TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE % Sales 104 TOTAL OPERATIONAL & PROCESS COSTS % Sales 105 DEBTORS WITHIN AGREED TERMS % Sales 106 DEBTORS OUTSIDE AGREED TERMS % Sales	88	MEDIA ADVERTISING COSTS	% Sales
91 EXHIBITION & EVENTS COSTS % Sales 92 TOTAL ADVERTISING COSTS % Sales 93 PRODUCT RETURNS & REJECTION COSTS % Sales 94 PRODUCT INSTALLATION & RE-INSTALLATION COSTS % Sales 95 PRODUCT BREAKDOWN & POST INSTALLATION COSTS % Sales 96 PRODUCT SYSTEMS & CONFIGURATION COSTS % Sales 97 PRODUCT SERVICE & MAINTENANCE COSTS % Sales 98 CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS % Sales 99 TOTAL AFTER-SALES COSTS % Sales 100 TOTAL MARKETING COSTS % Sales 101 NEW TECHNOLOGY EXPENDITURE % Sales 102 NEW PRODUCTION TECHNOLOGY EXPENDITURE % Sales 103 TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE % Sales 104 TOTAL OPERATIONAL & PROCESS COSTS % Sales 105 DEBTORS WITHIN AGREED TERMS % Sales 106 DEBTORS OUTSIDE AGREED TERMS % Sales	89	ADVERTISING MATERIALS & PRINT COSTS	% Sales
TOTAL ADVERTISING COSTS TOTAL ADVERTISING COSTS RODUCT RETURNS & REJECTION COSTS PRODUCT INSTALLATION & RE-INSTALLATION COSTS PRODUCT BREAKDOWN & POST INSTALLATION COSTS RODUCT SYSTEMS & CONFIGURATION COSTS PRODUCT SYSTEMS & CONFIGURATION COSTS RODUCT SERVICE & MAINTENANCE COSTS CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS TOTAL AFTER-SALES COSTS TOTAL AFTER-SALES COSTS NEW TECHNOLOGY EXPENDITURE NEW TECHNOLOGY EXPENDITURE Sales TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE TOTAL OPERATIONAL & PROCESS COSTS DEBTORS WITHIN AGREED TERMS DEBTORS OUTSIDE AGREED TERMS Sales MS Sales SA	90	POS & DISPLAY COSTS	% Sales
93 PRODUCT RETURNS & REJECTION COSTS % Sales 94 PRODUCT INSTALLATION & RE-INSTALLATION COSTS % Sales 95 PRODUCT BREAKDOWN & POST INSTALLATION COSTS % Sales 96 PRODUCT SYSTEMS & CONFIGURATION COSTS % Sales 97 PRODUCT SERVICE & MAINTENANCE COSTS % Sales 98 CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS % Sales 99 TOTAL AFTER-SALES COSTS % Sales 100 TOTAL MARKETING COSTS % Sales 101 NEW TECHNOLOGY EXPENDITURE % Sales 102 NEW PRODUCTION TECHNOLOGY EXPENDITURE % Sales 103 TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE % Sales 104 TOTAL OPERATIONAL & PROCESS COSTS % Sales 105 DEBTORS WITHIN AGREED TERMS % Sales 106 DEBTORS OUTSIDE AGREED TERMS % Sales	91	EXHIBITION & EVENTS COSTS	% Sales
94 PRODUCT INSTALLATION & RE-INSTALLATION COSTS 95 PRODUCT BREAKDOWN & POST INSTALLATION COSTS 96 PRODUCT SYSTEMS & CONFIGURATION COSTS 97 PRODUCT SERVICE & MAINTENANCE COSTS 98 CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS 99 TOTAL AFTER-SALES COSTS 100 TOTAL MARKETING COSTS 101 NEW TECHNOLOGY EXPENDITURE 102 NEW PRODUCTION TECHNOLOGY EXPENDITURE 103 TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE 104 TOTAL OPERATIONAL & PROCESS COSTS 105 DEBTORS WITHIN AGREED TERMS 106 DEBTORS OUTSIDE AGREED TERMS 107 Sales 108 Sales 109 DEBTORS OUTSIDE AGREED TERMS 100 Sales 100 DEBTORS OUTSIDE AGREED TERMS 100 DEBTORS SALES 100 DEBTORS WITHIN AGREED TERMS 100 DEBTORS WITHIN AGREED TERMS 100 DEBTORS WITHIN AGREED TERMS 100 Sales 100 DEBTORS WITHIN AGREED TERMS 100 Sales 100 DEBTORS WITHIN AGREED TERMS 100 DEBTORS WITHIN AGREED TERMS 100 Sales 100 DEBTORS WITHIN AGREED TERMS	92	TOTAL ADVERTISING COSTS	% Sales
95 PRODUCT BREAKDOWN & POST INSTALLATION COSTS % Sales 96 PRODUCT SYSTEMS & CONFIGURATION COSTS % Sales 97 PRODUCT SERVICE & MAINTENANCE COSTS % Sales 98 CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS % Sales 99 TOTAL AFTER-SALES COSTS % Sales 100 TOTAL MARKETING COSTS % Sales 101 NEW TECHNOLOGY EXPENDITURE % Sales 102 NEW PRODUCTION TECHNOLOGY EXPENDITURE % Sales 103 TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE % Sales 104 TOTAL OPERATIONAL & PROCESS COSTS % Sales 105 DEBTORS WITHIN AGREED TERMS % Sales 106 DEBTORS OUTSIDE AGREED TERMS % Sales	93	PRODUCT RETURNS & REJECTION COSTS	% Sales
96 PRODUCT SYSTEMS & CONFIGURATION COSTS % Sales 97 PRODUCT SERVICE & MAINTENANCE COSTS % Sales 98 CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS % Sales 99 TOTAL AFTER-SALES COSTS % Sales 100 TOTAL MARKETING COSTS % Sales 101 NEW TECHNOLOGY EXPENDITURE % Sales 102 NEW PRODUCTION TECHNOLOGY EXPENDITURE % Sales 103 TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE % Sales 104 TOTAL OPERATIONAL & PROCESS COSTS % Sales 105 DEBTORS WITHIN AGREED TERMS % Sales 106 DEBTORS OUTSIDE AGREED TERMS % Sales	94	PRODUCT INSTALLATION & RE-INSTALLATION COSTS	% Sales
97 PRODUCT SERVICE & MAINTENANCE COSTS % Sales 98 CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS % Sales 99 TOTAL AFTER-SALES COSTS % Sales 100 TOTAL MARKETING COSTS % Sales 101 NEW TECHNOLOGY EXPENDITURE % Sales 102 NEW PRODUCTION TECHNOLOGY EXPENDITURE % Sales 103 TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE % Sales 104 TOTAL OPERATIONAL & PROCESS COSTS % Sales 105 DEBTORS WITHIN AGREED TERMS % Sales 106 DEBTORS OUTSIDE AGREED TERMS % Sales	95	PRODUCT BREAKDOWN & POST INSTALLATION COSTS	% Sales
CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS 99 TOTAL AFTER-SALES COSTS 100 TOTAL MARKETING COSTS 101 NEW TECHNOLOGY EXPENDITURE 102 NEW PRODUCTION TECHNOLOGY EXPENDITURE 103 TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE 104 TOTAL OPERATIONAL & PROCESS COSTS 105 DEBTORS WITHIN AGREED TERMS 106 DEBTORS OUTSIDE AGREED TERMS 107 **Sales** 108 **Sales** 109 **Sales** 100 **Sales** 100 **Sales** 101 **Sales** 102 **Sales** 103 **Sales** 104 **Sales** 105 DEBTORS OUTSIDE AGREED TERMS 106 **Sales** 107 **Sales** 108 **Sales** 109 **Sales** 100 **Sales** 100 **Sales** 101 **Sales** 102 **Sales** 103 **Sales** 104 **Sales** 105 DEBTORS OUTSIDE AGREED TERMS 106 **Sales** 107 **Sales** 108 **Sales** 109 **Sales** 100 **Sales** 100 **Sales** 101 **Sales** 102 **Sales** 103 **Sales** 104 **Sales** 105 DEBTORS OUTSIDE AGREED TERMS 106 **Sales** 107 **Sales** 108 **Sales** 109 **Sales** 109 **Sales** 100 **Sales** 100 **Sales** 101 **Sales** 102 **Sales** 103 **Sales** 104 **Sales** 105 **Sales** 106 **DEBTORS OUTSIDE AGREED TERMS 107 **Sales** 108 **Sales** 109 **Sales** 109 **Sales** 100 **Sales** 100 **Sales** 101 **Sales** 102 **Sales** 103 **Sales** 104 **Sales** 105 **DEBTORS OUTSIDE AGREED TERMS 106 **Sales** 107 **Sales** 108 **Sales** 109 **Sales** 109 **Sales** 100 **Sales** 100 **Sales** 100 **Sales** 101 **Sales** 102 **Sales** 103 **Sales** 104 **Sales** 105 **Sales** 106 **DEBTORS OUTSIDE AGREED TERMS 107 **Sales** 108 **Sales** 109 **Sales** 109 **Sales** 100 **Sales** 100 **Sales** 100 **Sales** 101 **Sales** 102 **Sales** 103 **Sales** 104 **Sales** 105 **Sales** 106 **DEBTORS OUTSIDE AGREED TERMS 107 **Sales** 108 **Sales** 109 **Sales** 109 **Sales** 100 **Sales** 100 **Sales** 100 **Sales** 100 **Sales** 101 **Sales** 102 **Sales** 103 **Sales** 104 **Sales** 105 **Sales** 106 **Sales** 107 **Sales** 108 **Sales** 109 **Sales** 109 **Sales** 100 **Sales** 100 **Sales** 100 **Sales** 100 **Sales**	96	PRODUCT SYSTEMS & CONFIGURATION COSTS	% Sales
99 TOTAL AFTER-SALES COSTS % Sales 100 TOTAL MARKETING COSTS % Sales 101 NEW TECHNOLOGY EXPENDITURE % Sales 102 NEW PRODUCTION TECHNOLOGY EXPENDITURE % Sales 103 TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE % Sales 104 TOTAL OPERATIONAL & PROCESS COSTS % Sales 105 DEBTORS WITHIN AGREED TERMS % Sales 106 DEBTORS OUTSIDE AGREED TERMS % Sales	97	PRODUCT SERVICE & MAINTENANCE COSTS	% Sales
TOTAL MARKETING COSTS % Sales NEW TECHNOLOGY EXPENDITURE % Sales NEW PRODUCTION TECHNOLOGY EXPENDITURE % Sales TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE % Sales TOTAL OPERATIONAL & PROCESS COSTS % Sales DEBTORS WITHIN AGREED TERMS % Sales DEBTORS OUTSIDE AGREED TERMS % Sales	98	CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS	% Sales
101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	99	TOTAL AFTER-SALES COSTS	% Sales
102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	100	TOTAL MARKETING COSTS	% Sales
103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	101	NEW TECHNOLOGY EXPENDITURE	% Sales
104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	102	NEW PRODUCTION TECHNOLOGY EXPENDITURE	% Sales
105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	103	TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE	% Sales
106 DEBTORS OUTSIDE AGREED TERMS % Sales	104	TOTAL OPERATIONAL & PROCESS COSTS	% Sales
	105	DEBTORS WITHIN AGREED TERMS	% Sales
107 LIN DECOVEDADI E DEDTO	106	DEBTORS OUTSIDE AGREED TERMS	% Sales
107 UN-RECOVERABLE DEBTS % SaleS	107	UN-RECOVERABLE DEBTS	% Sales

FINANCIAL DATA DEFINITIONS

Data given on:	Definition:		
% OF CUSTOMERS = 50% SALES	The best estimate of the percentage of immediate customers accounting for 50% of the sales of the business.		
% SHARE OF 4 LARGEST FIRMS	The combined market shares of the four leading firms in the industry, expressed as a percentage.		
ACTUAL RETURN ON INVESTMENT	The actual, pre-tax net income expressed as a percentage of investment for the business, used to adjust the future estimates of ROI.		
ASSET UTILIZATION	Sales as a ratio of total sales.		
AVERAGE REMUNERATION	Total employee remuneration divided by the number of employees.		
BORROWING RATIO	Total debt as a ratio of net worth.		
CAPACITY UTILIZATION	The average % percentage of standard capacity utilized during the year. Standard capacity is the sales value of the maximum output the business can sustain with: a) facilities normally in operation and		
CADITAL EMPLOYED	b) current constraints (e.g. technology, work rules, labour practices, etc.) The sum of long term liabilities, it represents the sounterpart of the net assets employed by the firm		
CAPITAL EMPLOYED	The sum of long term liabilities. It represents the counterpart of the net assets employed by the firm.		
CREDIT PERIOD	Debtors over sales times 365 days.		
CREDITORS RATIO	Creditors over sales times 365 days.		
CREDITORS	Trade creditors and bills payable within one year.		
CURRENT RATIO	Current assets as a ratio of current liabilities.		
DEBT GEARING RATIO	Long term loans as a ratio of net worth.		
DEBTORS	Trade debtors and trade bills receivable due within one year.		
DEPRECIATION	Includes amounts written off tangible fixed assets, including leased assets.		
DIRECTORS REMUNERATION	Includes all payments made to directors including pension fund contributions, ex-gratia payments and payments to directors' family.		
DISCOUNT CASH FLOW YIELD RATE	The internal rate of return after tax earned in this business when this strategy is executed. It is the time discount rate at which discounted cash flow plus residual is equal to initial investment.		
DISCOUNTED CASH FLOW	The cash generated over ten years from net income, less the cash absorbed by increases in the net investment in the business. The annual cash flows are discounted to a present value, using the time discount rate.		
DISCOUNTED NET INCOME (10 YEARS)	From pre-tax net income in each year is deducted a capital charge on the increase in investment since the base period to reflect the cost of these funds. The time discount rate is then applied to obtain the present value of the income stream for the 10 year period.		
DOMESTIC SALES	Wherever applicable, domestic Sales represent the proportion of total turnover generated locally less exports produced by the same companies.		
EMPLOYEES UNIONIZED	The percentage of total employees of the business who are unionized.		
EQUITY GEARING	Shareholders' funds as a ratio of total liabilities.		
EXPORTS / SALES	Exports divided by sales.		
EXPORTS	This figure will be shown where it has been disclosed.		
FIFO VALUATION	The accounting method used for inventory valuation FIFO, or other method (e.g. LIFO).		
FIXED ASSETS / EMPLOYEES	Fixed assets divided by the number of employees.		
FIXED ASSETS	Property, plant, fixtures and fittings, office equipment and motor vehicles wholly owned and shown at their written down book value.		
FIXED CAPITAL INTENSITY	Gross book value of plant & equipment expressed as a percentage of sales. Gross book value includes original value of buildings, real estate manufacturing & transportation equipment.		

FIXED CAPITAL INTENSITY	The gross book value of plant and equipment, expressed as a percentage of sales.		
FORECAST REAL MARKET GROWTH RATE (% / YEAR)	An estimate of the future annual real growth rate of the served market.		
FORECAST SELLING GROWTH RATE % p.a.	A forecast of the annual growth rate of the selling prices.		
IMMEDIATE CUSTOMER FRAGMENTATION	The proportion of the total number of immediate customers accounting for 50% of total sales, expressed as a percentage. For example, if 5 of a business's 100 immediate customers represent 50% of sales, immediate customer fragmentation is 5%.		
INCOME GEARING	Interest paid as a percentage of profit before tax and before interest paid.		
INDUSTRY (SIC/NAICS) GROWTH, LONG RUN	The annual long term (10 year) growth rate of the SIC/NAICS industry in which the business is located, expressed as a percentage.		
INDUSTRY CONCENTRATION RATIO	The amount of industry shipments accounted for by the four largest firms in the industry expressed as a percentage.		
INTANGIBLE ASSETS	Non-tangible assets such as good will, trademarks, patents and copyrights owned.		
INTEREST PAID	Gross interest paid. It should be noted that many private companies either do not disclose this figure in full or aggregate short-term, long-term and hire purchase interest together.		
INTERMEDIATE ASSETS	Includes investments in subsidiary and associated companies, trade investments and other unquoted investments, insurance premiums on life policies, and Advanced Corporation Tax recoverable. In addition, amounts due from other Group companies (as necessary), associated and affiliated companies, receivable after one year and with no stated fixed repayment terms will be included. Long term portions of trade and sundry debtors will also be included, wherever they are disclosed separately in the accounts.		
INVENTORY / SALES	The sum of raw materials, work-in-process inventory and finished goods inventory (each net of reserve for losses) as a percentage of sales.		
INVESTMENT / SALES	Investment as a percentage of sales. Investment can be measured in any of the following ways: a) net book value of plant and equipment plus working capital b) equity plus long-term debt c) total assets employed minus current liabilities attributable to the business.		
INVESTMENT / VALUE ADDED	Investment expressed as a percentage of value added. Value added is adjusted for profits to minimize that portion of the relationship with ROI which is caused by under or overstated earnings.		
INVESTMENT PER EMPLOYEE	Average investment, expressed in monetary units per employee.		
LONG TERM LOANS	Includes long term portions of bank & other institutional loans, mortgages, hire purchase repayments and leasing obligations, all of which are due after one year. Also, amounts due to group, associated & affiliated companies payable after one year are included.		
MARKET POSITION	A factor combining:		
	a) MARKET SHARE: the share of the served market for the business, expressed as a percentage. b) RELATIVE MARKET SHARE: the market share of the business relative to the combined market share of the three leading competitors, expressed as a percentage. For example if ones business has 30% of the market and the three largest competitors have 20%, 10% and 10%: 30 divided by (20+10+10) = 75%.		
MARKET SHARE GROWTH RATE	The annual growth rate of market share expressed as a percentage.		
MARKET SHARE INSTABILITY	The instability of the market share of the business, measured as the sum of the absolute values of the business's annual market share changes.		
MARKET SHARE	The share of the served market expressed as a percentage.		
MARKETING EXPENSES / SALES	The sum of salesforce, advertising, promotion and other marketing expenses expressed as a percentage of sales. Does not include costs of physical distribution.		
MISCELLANEOUS CURRENT ASSETS	Cash and near cash items such as quoted investments and tax reserve certificates. Also sundry debtors, prepayments & accrued income due within one year, plus amounts due from group companies, associated & affiliated companies receivable within one year.		
MISCELLANEOUS CURRENT LIABILITIES	Sundry creditors, accrued expenses and prepaid income including dividends, corporation tax, social security and other sundry amounts payable within one year.		

	eferred and future taxation, minority interests, pension funds and similar liabilities, provisions for bilities and charges due.	
NET ASSETS The	The net assets employed are obtained by subtracting total current liabilities from the total assets.	
NET WORTH Equ	Equals shareholders' funds less the intangible assets.	
	Percentage of sales accounted for by new products. New products are those products introduced during the three preceding years.	
NEWNESS OF PLANT & New EQUIPMENT (NBV / GBV)	Newness of plant and equipment, measured as the ratio of Net Book Value to Gross Book Value.	
rece	Comprises Investment income received, such as income from quoted & unquoted investments, rents received, share of profit from associated companies; as well as Reserves adjustments, such as transfers from capital grant reserve, interest relief grants.	
NUMBER OF The EMPLOYEES + THEIR REMUNERATION	The average number of employees together with their aggregate wages and salaries.	
OPERATING PROFIT OPE	perating profit as a percentage of sales.	
OPERATING PROFIT Pre	e-tax profit plus interest, less non-trading income.	
PRE-TAX PROFIT MARGIN Pre	e-tax profits as a percentage of sales.	
fina app loss	The net trading profit figure declared after deducting all operating expenses including depreciation & finance charges but before deduction of tax, dividends, subventions or group relief and other appropriations. Consolidated data is included where applicable in respect of the share of profits & losses of associated companies. Items described as exceptional are included. Those described as extraordinary items are excluded.	
PROFIT / EMPLOYEES Pro	ofit before tax divided by the number of employees.	
PURCHASE AMOUNT The IMMEDIATE CUSTOMERS	The typical amount of products or services bought by an immediate customer in a single transaction.	
QUICK RATIO Cur	irrent assets less stocks as a ratio of current liabilities.	
DEVELOPMENT Pro EXPENSES / SALES serv D e	Product or Service R & D expenses plus Process R & D expenses expressed as a % of sales. Product or Service R&D expenses include all expenses for innovation & advances in the products or services; including improvements in packaging, product design, features and functions. Process R & D expenses include all expenses for process improvements to reduce the cost of producing, processing and handling of goods. Sales are the net sales billed including lease revenues.	
	e annual growth rate of the size of served market, deflated by the selling price index, expressed as percentage.	
	e historical annual real (unit) growth rate of the market which the business serves, expressed as a rcentage.	
COMPENSATION com	e average of hourly wage rates relative to leading competitors and salary levels relative to mpetitors. Competitors' wage rates and salary levels are 100%; if ones wage rates and salary rels are 5% higher, ones relative hourly wage rates are 105%, relative salaries are 105%, and ones erage relative compensation is 105%.	
	e degree of backward vertical integration (i.e. toward suppliers) of the business relative to its ading competitors.	
	e degree of forward vertical integration (i.e. toward customers) of the business relative to its ading competitors (less than, the same as, more than).	
	e market share of the business, relative to the combined market shares of the three leading mpetitors, expressed as a percentage.	
	e average level of selling prices of the products & services relative to the average level of the ading competitors. The average price of the competitors is 100%; if the average prices of the	
	siness are 5% higher when its price relative to competition is 105%.	
RELATIVE PRODUCT The QUALITY con	siness are 5% higher when its price relative to competition is 105%. e percentage of sales volume from products and service that, from the perspective of the nsumer, are judged as superior to those available from leading competitors minus the percentage dged as inferior.	
RELATIVE PRODUCT The QUALITY con judge	e percentage of sales volume from products and service that, from the perspective of the nsumer, are judged as superior to those available from leading competitors minus the percentage	

RETURN ON SHAREHOLDERS FUNDS	Pre-tax profits as a percentage of shareholders' funds.		
ROI = NET INCOME / INVESTMENT	Pre-tax net income, including special non-recurring costs, minus corporate overhead costs, as a percentage of average investment including fixed and working capital at book value, but excluding corporate investment not particular to the business.		
SALES / EMPLOYEES	Sales divided by the number of employees.		
SALES / FIXED ASSETS	Sales as a ratio of fixed assets.		
SALES	Gross turnover recorded, including overseas sales, inter-group sales and exports, but excluding Value Added Tax or Sales Tax.		
SALES	The net sales billed, including lease revenues.		
SELLING PRICE GROWTH RATE	The annual growth rate of selling prices charged, expressed as a percentage.		
SHAREHOLDERS FUNDS	The sum of issued, ordinary, and preference share capital, all reserves, the profit and loss balance (retained profits) and government grants.		
SHORT TERM LOANS	Includes short term portions of loans, bank overdrafts, hire purchase repayments & leasing obligations, due within one year. Plus amounts due to affiliated entities within one year.		
STANDARD PRODUCTS / SERVICES	The products or services of the business more or less standardized for all customers, or are they designed or produced to order for individual customers.		
STOCK TURNOVER	Sales as a ratio of stocks.		
STOCKS	Stocks and work in progress (net of progress repayments) held.		
TOTAL CURRENT ASSETS	The sum of stocks, debtors and other current assets, representing the portion assets which is realizable within a year.		
TOTAL CURRENT LIABILITIES	The sum of trade creditors, short term debt and other current liabilities.		
TOTAL DEBT / WORKING CAPITAL	Total debt as a ratio of working capital.		
TOTAL DEBT	This amount is obtained by adding short term loans to the long term loans.		
TOTAL LIABILITIES	The sum of capital employed and total current liabilities.		
TRADING PROFIT MARGIN	Trading profit as a percentage of sales.		
TRADING PROFIT	Operating profit plus depreciation.		
VALUE ADDED / EMPLOYEES	Value added (adjusted for profits) expressed in monetary terms per employee.		
VERTICAL INTEGRATION	Value added as a percentage of sales. Both value added & sales are adjusted for profits to minimize that portion of the relationship with ROI affected by under or overstated earnings.		
WAGES / SALES	Employee remuneration divided by sales.		
WORKING CAPITAL / SALES	Working capital over sales.		
WORKING CAPITAL	The short-term funding to carry out day to day trading activities, it is obtained by subtracting total current liabilities from the current assets.		

Industry Norms Definitions

The data in this section derives data from 4,396 worldwide companies and organisations (Suppliers and Distribution Channel members).

Norms for the Product industry are shown in this section. This represents the major industry sector data for the industry in each country and as such forms the basis of international comparison.

Only the most critical factors should be compared with the various scenarios given above as industry averages can at best represent an indication and not a specific point of measure.

Reliance on Industry Norms is often used by analysts in order to support theories and suppositions and these are in turn used for investment scenarios. In fact Industry Norms or Averages are not tangible as they combine and manipulate data from companies in wide ranging activities.

Much of the benefit in the analysis of Industry Norms is to use the data to provide guide-lines or parameters which can be seen to define and identify issues for the target industry sector.

Since these Industry Norms should be representative of the entire industry it is wise to provide an average which encompasses all the major countries in the trade cell.

INDUSTRY NOTES + DEFINITIONS

- 01. OEM & Manufacturers Market Level
- 02. Wholesale & Distributor Market Level
- 03. Retailer & Added Value Retailer Market Level
- 04. End User & Consumer Market Level
- 05. Discounted & Promotional Market Level
- 06. Plant & Equipment Average Annual Investment
- 07. Product Prices / Market Average Index
- 08. New Products Introduction Index
- 09. Relative output of Products of a Superior Quality Index
- 10. Index of Comparative Salesforce and Selling Expenditure
- 11. Index of Comparative Advertising Expenditure
- 12. Index of Comparative General Promotional Expenditure
- 13. Product Adoption Rates
- 14. Product Sales Conversion Rates
- 15. Average Annual Sales Growth Rate
- 16. Capacity Utilization as a measure of Standard Capacity
- 17. Standardized Products & Services Index
- 18. Relative Employee Compensation Index
- 19. Instable Market Share as an Index of Total Market Share
- 20. Relative Forward Integration Index
- 21. Plant and Equipment Investment greater than Depreciation Plant and Equipment Investment Equal to Depreciation Plant and Equipment Investment Less than Depreciation Plant and Equipment Investment - Unallocated
- 22. Plant and Equipment in Use within the range 0-3 years Plant and Equipment in Use within the range 3-6 years

Plant and Equipment in Use within the range 6-9 years
Plant and Equipment in Use over years 9 old / Unallocated

23. Supplier Concentration = 8 Largest

Supplier Concentration = 20 Largest

Supplier Concentration = 50 Largest

Supplier Concentration = Unspecified / Unallocated

24. Immediate Wholesale & Retail Customers

Immediate OEM and Manufacturing Customers

Immediate Consumer and End User Customers

Immediate Non-Specific Customers / Unallocated

25. Enterprises within the Range 1-19 Employees

Enterprises within the Range 20-99 Employees

Enterprises within the Range 100+ Employees

Enterprises within Unspecified / Unallocated Employee Ranges

26. Buyer Age Profile in the range 0-19 Years

Buyer Age Profile in the range 20-24 Years

Buyer Age Profile in the range 25-34 Years

Buyer Age Profile in the range 35-44 Years

Buyer Age Profile in the range 45-54 Years

Buyer Age Profile in the range 55-64 Years

Buyer Age Profile in the range 65+ / Unallocated Years

27. Buyer Profile in the AB Social Group

Buyer Profile in the C1 Social Group

Buyer Profile in the C2 Social Group

Buyer Profile in the DE / Unallocated Social Group

28. End User Age Profile in the range 0-19 Years

End User Age Profile in the range 20-24 Years

End User Age Profile in the range 25-34 Years

End User Age Profile in the range 35-44 Years

End User Age Profile in the range 45-54 Years

End User Age Profile in the range 55-64 Years

End User Age Profile in the range 65+ / Unallocated Years

29. End User Profile in the AB Social Group

End User Profile in the C1 Social Group

End User Profile in the C2 Social Group

End User Profile in the DE / Unallocated Social Group



Upgrade to the full Database Edition at a reduced cost

To upgrade to the full Database Edition you can use the coupon in the PDF Express Edition to order the upgrade database edition you need at a reduced cost.

To claim your Coupon please contact your usual NIN Dealer, and you will be supplied with the Database Edition of your choice.

World Database: Cost \$ 2850, less the Coupon value of \$500.

Regional Database: Cost \$ 1850, less the Coupon value of \$300.

Country + City Database: Cost \$ 2850, less the Coupon value of \$500.

Country Database: Cost \$ 1250, less the Coupon value of \$300.

Delivery

Online delivery of a Zipped file in 24 hours; plus an optional back-up DVD shipped in 1 working day.



Database Editions



Editions available

Beauty & Hairdressing Services

The report on Beauty & Hairdressing Services is available is several editions, and also there are various additional elements available from the After-Sales Service.

World Report

The World Report gives market data for Beauty & Hairdressing Services on each of the Product and Market Sectors for about 200 countries. There are data caveats on country data because in certain countries the data may not be available.

Regional Report

There are 9 Regional reports available which give market data for Beauty & Hairdressing Services on each of the Product and Market Sectors for countries in a particular Region. There are data caveats for some country data because in certain countries the data may not be available.

- 1. Canada & USA
- 2. Central America (31 Countries)
- 3. South America (13 Countries)
- 4. Europe (44 Countries)
- 5. Eurasia (4 Countries)
- 6. Middle East (19 Countries)
- 7. Africa (54 Countries)
- 8. Asia (24 Countries)
- 9. Oceania (17 Countries)

See the countries in each Regional Report Appendix 1

Country Report

There are Beauty & Hairdressing Services Country Reports available for most countries. Country Reports provide detailed information on the target country.

Country & City Report

The Beauty & Hairdressing Services Country + City Reports provides users with commercial intelligence on markets and industry in a particular country, plus market, financial and industry data on each of the significant Cities and Towns in the country. For the larger countries, like China, India, the USA, Brazil, et al, the data is generally limited to the top 500 Cities and Towns within the country.

Markets & Products

The report will give market data for each of the below Beauty & Hairdressing Services Product and Market Sectors, by year Historic: from 1997, and a Forecast by year to 2040. Data will be given for about 200 countries.

To see what such Country spreadsheets looks like (illustrative examples only):

Market Data

Germany Market

Germany Market Values (US\$, Euros, Yen & Yuan)

In addition aggregate Market data is given (illustrative examples only):

World / Global Totals (in US\$, Euros, Yen and Yuan)

WORLD Market Values Dollar Euro

WORLD Market Values Yen Yuan

9 Regional (Canada & USA, Central America, South America, Europe, Eurasia, Middle East, Africa, Asia, Oceania) Totals (in US\$, Euros, Yen and Yuan):

Europe Market Values Dollar Euro

Europe Market Values Yen Yuan

Year / Country Totals (1997 to 2040).

Year 2010 Country Values Dollars

NAICS / SIC Product definition: S0222_M : Beauty and Hairdressing Services

Products covered:

BEAUTY + HAIRDRESSING SERVICES

- 1. Beauty and Hairdressing Services
- 2. BEAUTY SHOPS
- 3. BARBER SHOPS

World Database Description

Beauty & Hairdressing Services Report

The Beauty & Hairdressing Services World Report provides data on the net market for the Products and Services covered in each of 205 countries. The Products and Services covered (Beauty and Hairdressing Services) are classified by the Major Products and each Product / Service is then further defined and analysed by subsidiary Product. 4 Products/Markets are covered, 2150 pages, 9706 spreadsheets, 9768 database tables, 533 illustrations. Updated monthly. 12 month After-Sales Service.

Overview

BEAUTY + HAIRDRESSING SERVICES WORLD REPORT

The Beauty & Hairdressing Services World Report gives Market Consumption / Products / Services for over 200 countries by each Product by 3 Time series: From 2007, Forecast to 2028.

Countries covered include: Albania, Algeria, Angola, Argentina, Armenia, Aruba, Australia, Austria, Azerbaijan, Bahamas, Bahrain, Bangladesh, Barbados, Belarus, Belgium, Belize, Bolivia, Bosnia and Herzegovina, Botswana, Brazil, Bulgaria, Cambodia, Cameroon, Canada, Chile, China, Colombia, Costa Rica, Cote d'Ivoire, Croatia, Cuba, Cyprus, Czech Republic, Denmark, Dominica, Dominican Republic, Ecuador, Egypt, Eire, El Salvador, Eritrea, Estonia, Ethiopia, Finland, France, French Guiana, Gabon, Gambia, Georgia, Germany, Ghana, Greece, Guadeloupe, Guatemala, Guinea, Guinea-Bissau, Guyana, Haiti, Honduras, Hungary, Iceland, India, Indonesia, Iran, Iraq, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Kuwait, Kyrgyzstan, Laos, Latvia, Lebanon, Lesotho, Liberia, Libya, Lithuania, Luxembourg, Macedonia, Madagascar, Malawi, Malaysia, Malta, Martinique, Mexico, Moldova, Montenegro, Morocco, Mozambique, Namibia, Netherlands, Netherlands Antilles, New Zealand, Nicaragua, Nigeria, Norway, Oman, Pakistan, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Poland, Portugal, Puerto Rico, Qatar, Reunion, Romania, Russia, Saudi Arabia, Senegal, Sierra Leone, Singapore, Slovakia, Slovenia, South Africa, South Korea, Spain, Sri Lanka, Sudan, Suriname, Swaziland, Sweden, Switzerland, Syria, Taiwan, Tajikistan, Tanzania, Thailand, Trinidad and Tobago, Tunisia, Turkey, Turkmenistan, Uganda, Ukraine, United Arab Emirates, United Kingdom, United States, Uruguay, Uzbekistan, Venezuela, Vietnam, Zambia, Zimbabwe.

59 MARKET RESEARCH CHAPTERS. SPREADSHEET CHAPTERS: Market Consumption - in US\$ by Country by Product/Service by Year. Market, Financial, Competitive, Market Segmentation, Industry, Critical Parameters, Marketing Costs, Markets, Decision Makers, Performance, Product Launch.

WORLD & NATIONAL REPORT MARKET DATABASE & SPREADSHEETS. FINANCIAL SPREADSHEETS & DATABASES. INDUSTRY SPREADSHEETS & DATABASES.

Data includes Market Consumption by individual Product / Service, Per-Capita Consumption, Marketing Costs & Margins, Product Launch Data, Buyers, End Users & Customer Profile, Consumer Demographics. Historic Balance Sheets, Forecast Financial Data, Industry Profile, National Data.

The report is on a DVD containing the entire web and databases; it is also delivered as an online download. Merge text, tables & databases for your own reports, spreadsheet calculations & modelling.

4 Products/Markets covered, 2150 pages, 9706 spreadsheets, 9768 database tables, 533 illustrations. Updated monthly. 12 month After-Sales Service.

Contents

BEAUTY + HAIRDRESSING SERVICES WORLD REPORT

The Market for Beauty & Hairdressing Services in each country by Products & Services.

The Beauty & Hairdressing Services World Report covers:

TIME SERIES: Historic from 2007, Forecast to 2028. Consumption given at industry / distribution channel / service or product line level.

PRODUCTS & MARKETS COVERED:

BEAUTY + HAIRDRESSING SERVICES

Beauty and Hairdressing Services BEAUTY SHOPS BARBER SHOPS

59 MARKET RESEARCH CHAPTERS

1 Administration, 2 Advertising, 3 Buyers - Commercial Operations, 4 Buyers - Competitors, 5 Buyers - Major City, 6 Buyers - Products, 7 Buyers - Trade Cell, 8 Competitive Industry Analysis, 9 Competitor Analysis, 10 Country Focus, 11 Distribution, 12 Business Decision Scenarios, 13 Capital Costs Scenarios, 14 Cashflow Option Scenarios, 15 Cost Structure Scenarios, 16 Historic Industry Balance Sheet, 17 Historic Marketing Costs & Margins, 18 Investment + Cost Reduction Scenarios, 19 Market Climate Scenarios, 20 Marketing Costs, 21 Marketing Expenditure Scenarios, 22 Marketing Margins, 23 Strategic Options Scenarios, 24 Survival Scenarios, 25 Tactical Options Scenarios, 26 Geographic Data, 27 Industry Norms, 28 Major City Market Analysis, 29 Capital Access Scenarios, 30 Market Cashflow Scenarios, 31 Economic Climate Scenarios, 32 Market Investment + Costs Scenarios, 33 Marketing Expenditure Scenarios, 34 Market Risk Scenarios, 35 Market Strategic Options, 36 Market Survival Options, 37 Market Tactical Options, 38 Marketing Expenditure -v- Market Share, 39 Marketing Strategy Development, 40 Markets, 41 Operational Analysis, 42 Overseas Development, 43 Personnel Management, 44 Physical Distribution + Customer Handling, 45 Pricing, 46 Process + Order Handling, 47 Product Analysis, 48 Product Development, 49 Product Marketing Factors, 50 Product Mix, 51 Product Summary, 52 Profit Risk Scenarios, 53 Promotional Mix, 54 Salesforce Decisions, 55 Sales Promotion, 56 Surveys, 57 Targets -Product + Market, 58 Technology, 59 Trade Cell Analysis.

SPREADSHEET CHAPTERS

PRODUCT CONSUMPTION - in US\$ by Country by Product/Service by Year: From 2007, Forecast to 2028. Market, Financial, Competitive, Market Segmentation, Industry, Critical Parameters, Marketing Costs, Markets, Decision Makers, Performance, Product Launch.

WORLD & NATIONAL REPORT MARKET DATABASE & SPREADSHEETS: 1332 World Database tables & Spreadsheets covering business scenarios. 1435 World Database tables & Spreadsheets covering Markets, Market Forecast, Financial Forecast, Financial Margins, Historic Financial, Historic Costs, Industry Norms for each country. 3816 National Database tables & Spreadsheets covering business scenarios.

FINANCIAL SPREADSHEETS & DATABASES: 188 Balance Sheet, Financial Margins & Ratios for each of 103 Business Scenarios - by Country by Year: From 2007, Forecast to 2028.

INDUSTRY SPREADSHEETS & DATABASES: 820 Database tables & Spreadsheets covering Historic Industry Balance Sheet Data, Forecast Industry Financial Data, Industry Profiles & Norms - by Country by Year - From 2007, Forecast to 2028.

NATIONAL DATA - by Country by Year.

The report is produced on a DVD containing the entire report web and databases; it is also delivered as an online download. Readers can access & reproduce the information for their own documents or reports. Tables & databases as Access & Excel files to enable readers to produce their own spreadsheet calculations and modelling.

4 Products covered for over 200 Countries: 2150 pages, 9706 spreadsheets, 9768 database tables, 533 diagrams & maps.

This database is updated monthly. 12 months Full After-Sales Services & Updates available from the publishers.

This report is also available as 9 Regional Reports: Canada and the USA, Central America (31 countries), South America (13 countries), Europe (45 countries), Eurasia (4 countries), Middle East (19 Countries), Africa (54 countries), Asia (48 countries), and Oceania (20 countries). This report is also available for individual countries.

Geographic Coverage

Albania

Nigeria Algeria Ghana Angola Greece Norway Argentina Guadeloupe Oman Armenia Guatemala **Pakistan** Aruba Guinea **Panama** Australia Guinea-Bissau Papua Guyana **Paraguay** Austria Peru Azerbaijan Haiti **Bahamas Honduras Philippines** Bahrain Hong Kong **Poland** Bangladesh Hungary **Portugal Barbados Iceland** Puerto Rico **Belarus** India **Qatar** Belgium Indonesia Reunion **Belize** Romania Iran **Bhutan** Iraq Russia **Bolivia** Ireland Saudi Arabia Bosnia + Herzegovina Israel Senegal Botswana Italy Serbia + Montenegro **Brazil Jamaica** Sierra Leone Brunei Japan Singapore Bulgaria Jordan Slovakia Kazakhstan Slovenia Burma Cambodia Kenya South Africa Cameroon Korea South **Spain** Sri Lanka Canada Kuwait Chile Sudan Kyrgyzstan China Suriname Laos Colombia Latvia **Swaziland** Republic of Congo Lebanon Sweden D R Congo - Zaire Lesotho Switzerland Costa Rica Liberia Syria Cote d'Ivoire Libya **Taiwan** Croatia Lithuania **Tajikistan** Cuba Luxembourg **Tanzania** Macedonia **Thailand** Cyprus

Germany

Nicaragua

Dominica Malaysia Turkey
Dominican Republic Martinique Turkmenistan
Ecuador Mauritius Uganda
Egypt Micronesia Ukraine
El Salvador Mexico United Arab Emirates

Malawi

Madagascar

Trinidad

Tunisia

Czech Republic

Denmark

United Kingdom Estonia Moldova **United States** Ethiopia Mongolia **Finland** Morocco Uruguay France Mozambique Uzbekistan French Guiana Namibia Venezuela Gabon Netherlands Vietnam **Netherlands Antilles** Gambia Zambia Zimbabwe Georgia **New Zealand**

See Data Caveat below.

Financial Data

The databases will give Financial data for each of the below Beauty & Hairdressing Services Financial Data and Margins, by country, by year Historic from 1997, and a Forecast by year to 2040. Data will be given for EACH of the countries covered.

Balance Sheet Data

To see what such a spreadsheet looks like: Balance Sheet File

Total Sales, Domestic Sales, Exports, Pre-tax Profit, Interest Paid, Non-trading Income, Operating Profit, Depreciation: Plant and Equipment, Depreciation: Miscellaneous Items, Total Depreciation, Trading Profit, Intangible Assets, Intermediate Assets, Fixed Assets: Structures, Fixed Assets: Plant and Equipment, Fixed Assets: Miscellaneous Items, Fixed Assets, Capital Expenditure on Structures, Capital Expenditure on Plant and Equipment, Capital Expenditure on Vehicles, Capital Expenditure on Data Processing Equipment, Capital Expenditure on Miscellaneous Items, Total Capital Expenditure, Retirements: Structures, Retirements: Plant and Equipment, Retirements: Miscellaneous Items, Total Retirements, Total Fixed Assets, Finished Product Stocks, Work in Progress as Stocks, Materials as Stocks, Total Stocks / Inventory, Debtors, Total Maintenance Costs, Services Purchased, Miscellaneous Current Assets, Total Current Assets, Total Assets, Creditors, Short Term Loans, Miscellaneous Current Liabilities, Total Current Liabilities, Net Assets / Capital Employed, Shareholders Funds, Long Term Loans, Miscellaneous Long Term Liabilities, Workers, Hours Worked, Work in 1st Quarter, Work in 2nd Quarter, Work in 3rd Quarter, Work in 4th Quarter, Total Employees, Raw Materials Cost, Finished Materials Cost, Fuel Cost, Electricity Cost, Total Input Supplies / Materials and Energy Costs, Payroll Costs, Wages, Directors' Remunerations, Employee Benefits, Employee Commissions, Total Employees Remunerations, Sub Contractors, Rental & Leasing: Structures, Rental & Leasing: Plant and Equipment, Total Rental & Leasing Costs, Maintenance: Structures, Maintenance: Plant and Equipment, Communications Costs, Miscellaneous Expenses, Sales Personnel Variable & Commission Costs, Sales Expenses and Costs, Sales Materials Costs, Total Sales Costs, Distribution Fixed Costs, Distribution Variable Costs, Warehousing Fixed Costs, Warehousing Variable Costs, Physical Handling Fixed Costs, Physical Handling Variable Costs, Physical Process Fixed Costs, Physical Process Variable Costs, Total Distribution and Handling Costs, Mailing & Correspondence Costs, Media Advertising Costs, Advertising Materials & Print Costs, POS & Display Costs, Exhibition & Events Costs, Total Advertising Costs, Product Returns & Rejection Costs, Product Installation & Re-Installation Costs, Product Breakdown & Post Installation Costs, Product Systems & Configuration Costs, Product Service & Maintenance Costs, Customer Problem Solving & Customer Complaint Costs, Total After-Sales Costs, Total Marketing Costs, New Technology Expenditure, New Production Technology Expenditure, Total Research and Development Expenditure, Total Operational & Process Costs, Debtors within Agreed Terms, Debtors Outside Agreed Terms, Un-recoverable Debts.

Financial Margins & Ratios Data

To see what such a spreadsheet looks like: Financial Margins & Ratios File

Return on Capital, Return on Assets, Return on Shareholders' Funds, Pre-tax Profit Margins, Operating Profit Margin, Trading Profit Margin, Return on Investment, Assets Utilisation (given as a ratio of Sales to Total Assets), Sales as a ratio of Fixed Assets, Stock Turnover (Sales as a ratio of Stocks), Credit Period, Creditors' Ratio (given as Creditors divided by Sales times 365 days), Default Debtors given as a Ratio of Total Debtors, Un-Recoverable Debts given as a Ratio of Total Debts, Working Capital / Sales, Materials & Energy Costs as a % of Sales, Added Value, Investment as a Ratio of Added Value, Value of Plant & Equipment as a % of Sales, Vertical Integration (Value Added as a % of Sales), Research & Development Investment as a % of Sales, Capital Expenditure Investment as a % of Sales, Marketing Costs as a % of Sales, Current Ratio (Current Assets as a ratio of Current Liabilities), Quick Ratio, Borrowing Ratio (or Total Debt as a ratio of Net Worth), Equity Ratio (Shareholders Funds as a ratio of Total Liabilities), Income Gearing, Total Debt as a ratio of Working Capital, Debt Gearing Ratio (Long Term Loans as a ratio of Net Worth), Average Remuneration (all employees - full and part), Profit per Employee, Sales per Employee, Remunerations / Sales, Fixed Assets per Employee, Capital Employee per Employee, Total Assets per Employee, Value of Average Investment per Employee, Value Added per Employee, Materials Costs as a % of Sales, Wage Costs as a % of Sales, Payroll and Wages as a Ratio to Materials, Variable Costs as a % of Sales, Fixed Costs as a % of Sales, Fixed Costs as a Ratio of Variable Costs, Distribution Costs as a % of Sales, Warehousing Costs as a % of Sales, Physical Costs as a % of Sales, Fixed as a Ratio of Variable Distribution Costs, Fixed as a Ratio of Variable Warehousing Costs, Fixed as a Ratio of Variable Physical Costs, Fixed as a Ratio of Variable Total Distribution & Handling Costs, Product Returns & Rejections Costs as a % of Sales, Product Installation & Associated Costs as a % of Sales, Product Breakdown & Associated Costs as a % of Sales, Product Systems & Associated Costs as a % of Sales, Product Service & Associated Costs as a % of Sales, Customer Complaint & Associated Costs as a % of Sales, Stock Work in Progress & Materials as a Ratio of Finished Products, Stock Materials as a Ratio of Work in Progress, Un-recoverable Debts as a Ratio of Total Debt, Un-recoverable Debts as a Ratio of Debts Within Agreed Terms, Total Sales Costs as a % of Sales, Total Distribution & Handling Costs as a % of Sales, Total Advertising Costs as a % of Sales, Total After-Sales Costs as a % of Sales, Total Customer Compensation Costs as a % of Sales, Total Variable Marketing Costs as a % of Sales, Total Fixed Marketing Costs as a % of Sales, Total Fixed Marketing Costs as a Ratio of Total Variable Marketing Co, Variable Sales Personnel Costs as a Ratio of Marketing Costs, Variable Distribution & Handling Costs as a Ratio of Marketing Costs, Variable Advertising Costs as a Ratio of Marketing Costs, Variable After-Sales Costs as a Ratio of Marketing Costs, Sales Personnel Variable Costs as a Ratio of Sales, Sales Personnel Variable Costs as a Ratio of Debtors, Sales Personnel Variable Costs as a Ratio of Un-Recoverable Debtors, Exports as a % of Sales, \$ Hourly Pay Rate, \$ Hourly Wage Rate, Capital Employed.

General Contents

Beauty & Hairdressing Services World Report

This report provides users with commercial intelligence on markets and industries in over 200 countries. The report analyses the world markets with a basic point of reference, namely a base country. The Client can select the base reference country when ordering the database.

These reports are formatted to give both a narrative description of the various matters covered as well as provide readers with the ability to directly use the Chapters (via Microsoft Word or compatible word processors) to produce their own reports and documentation. Experienced users will be able to use the spreadsheet and databases to generate highly detailed narrative reports, charts and graphics - as well as sophisticated business and commercial forecasts and models. The databases are provided in both Excel spreadsheets and an Access database. Explanatory notes are provided as Word documents or in PDF formats.

As an entry level product the narrative is necessarily illustrative in its terminology and seeks to provide a basic degree of business logic and theory which indicates the rational applied in the forecasting and modelling methodology.

The databases are specifically designed to provide users with a uniform and consistent numeric measure of both (normally) quantifiable values as well as conceptual factors which are (usually) only capable of qualification. Experienced users will know how to apply forecasting and modelling software to the numeric data provided to generate highly detailed and discrete business planning models. The databases provided in this report can be used directly with databases on other product, markets and industries in other countries. The databases are specifically designed to be transnational, currency neutral, inflation and purchasing parity adjusted, product parity and product equivalent adjusted, opportunity cost adjusted, and numerically compatible; they all can be linked or merged programmatically in business planning models to provide multi-national and multi-level analysis.

The report databases are designed to give a common definition, unit of measure and quantification of markets in over 200 countries. These reports rely on data collection at various levels of the product flow; this effectively means, the producer, the distribution channels and the end user or consumers. This data is then correlated with any national and international statistical data produced by official agencies. Unfortunately, product flow data gathering in some countries is difficult, and furthermore the official statistical data is both inaccurate and sparse. In such circumstances, in some countries, we have to flag a Data Caveat as a warning.

Choice of Base Reference Country

As report databases are generated specifically for each client order, the client can select which Base Country the database uses. The choice of a Base Country is important as it puts the database into the client's own perspective. This is important, for example, in respect of Purchasing Parity data or the results of End User Survey data where the world data is presented from the relative position of the Base Country. Where a client does not specify a Base Reference country, the database is generated with the Base Reference country being the same country as the client.

Database Edition Market Research Contents

Please also see the Notes to the contents: Notes

Within each heading there are links with detailed descriptions and explanation of the contents; these can be opened when the link is clicked.

Chapters	Pages	Volumes	Diagrams, Maps & Illustrations	Spreadsheets & Database tables
59	2150	Online & DVD	c. 500	Excel Spreadsheets: 9706 Access tables: 9768

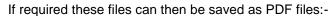
Databases & Structures

Beauty & Hairdressing Services Report Database

Root Folder This folder contains a number of general files, plus the various main Chapter Files.

Summary Documents

The Report contains 2 Summary documents for the Market Research which can be opened in a Browser or as a Word document and paginated.



- 1. MR_Executive_Summary_Brief.html will render into about 70 pages.
- 2. MR_Executive_Summary.html will render into about 950 pages.
- Market Research

This folder contains the main Market Research files.

Corporate Research

Where the database is specified as having Corporate Intelligence, this folder contains the main Corporate Research files.

• 📋 Research Data

This folder contains the Market Research files which are specific to this edition of the report.

BUSINESS PLANNING

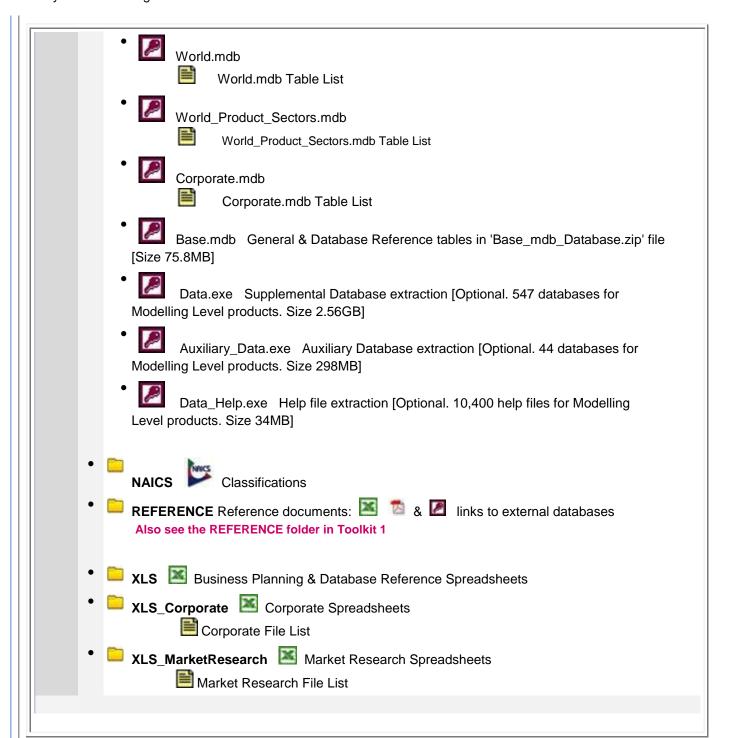
This folder contains the Business Plan Documents & Boilerplates

Also see the Business Plan Images folder in Toolkit 1

- BASE_FOLDERS Significant folders include:-
 - CHAPTERS in HTM HTM files listing the Chapter contents
 - Cities HTM files listing Cities & Towns in the database
 - Eight Help documents Also see the HELP folder in Toolkit 1
 - MAPS
 - MDB Access databases
 - •

MarketResearch.mdb

MarketResearch.mdb Table List



Documents & Manuals

There are additional resources to be found in Toolkit 1 which can be used to assist the interpretation and manipulation of the database. These are:-

- 1. Data Manuals on the Report Contents
- 2. Documents & Templates on the Report Contents
- 3. Help files on the Report Contents
- 4. Manuals & Templates on the Report Contents

For a detailed Table of Contents for each chapter, database or spreadsheet: **click** on the **Blue headings shown below. This will open a page in your browser which fully specifies the contents of** that heading.

Spreadsheets



Chapters

- 1 OVERSEAS DEVELOPMENT
- 2 ADMINISTRATION
- 3 ADVERTISING
- 4 BUYERS COMMERCIAL OPERATIONS
- 5 BUYERS COMPETITORS
- 6 BUYERS MAJOR CITY
- 7 BUYERS PRODUCTS
- 8 BUYERS TRADE CELL
- 9 COMPETITIVE INDUSTRY ANALYSIS
- 10 COMPETITOR ANALYSIS
- 11 COUNTRY FOCUS
- 12 DISTRIBUTION
- 13 FINANCIAL BUSINESS DECISION SCENARIOS
- 14 FINANCIAL CAPITAL COSTS FINANCIAL SCENARIOS
- 15 FINANCIAL CASHFLOW OPTION SCENARIOS
- 16 FINANCIAL COST STRUCTURE SCENARIOS
- 17 FINANCIAL HISTORIC INDUSTRY BALANCE SHEET
- 18 FINANCIAL HISTORIC MARKETING COSTS & MARGINS
- 19 FINANCIAL INVESTMENT + COST REDUCTION SCENARIOS
- 20 FINANCIAL MARKET CLIMATE SCENARIOS
- 21 FINANCIAL MARKETING COSTS
- 22 FINANCIAL MARKETING EXPENDITURE SCENARIOS
- 23 FINANCIAL MARKETING MARGINS
- 24 FINANCIAL STRATEGIC OPTIONS SCENARIOS
- 25 FINANCIAL SURVIVAL SCENARIOS
- 26 FINANCIAL TACTICAL OPTIONS SCENARIOS

- 27 GEOGRAPHIC DATA
- 28 INDUSTRY NORMS
- 29 MAJOR CITY MARKET ANALYSIS
- 30 MARKET CAPITAL ACCESS SCENARIOS
- 31 MARKET CASHFLOW SCENARIOS
- 32 MARKET ECONOMIC CLIMATE SCENARIOS
- 33 MARKET INVESTMENT + COSTS SCENARIOS
- 34 MARKET MARKETING EXPENDITURE SCENARIOS
- 35 MARKET RISK SCENARIOS
- 36 MARKET STRATEGIC OPTION SCENARIOS
- 37 MARKET SURVIVAL OPTION SCENARIOS
- 38 MARKET TACTICAL OPTION SCENARIOS
- 39 MARKETING EXPENDITURE -v- MARKET SHARE
- 40 MARKETING STRATEGY DEVELOPMENT
- 41 MARKETS
- **42 OPERATIONAL ANALYSIS**
- **43 PERSONNEL MANAGEMENT**
- 44 PHYSICAL DISTRIBUTION + CUSTOMER HANDLING
- 45 PRICING
- 46 PROCESS + ORDER HANDLING
- **47 PRODUCT ANALYSIS**
- **48 PRODUCT DEVELOPMENT**
- 49 PRODUCT MARKETING FACTORS
- 50 PRODUCT MIX
- 51 PRODUCT SUMMARY
- 52 PROFIT RISK SCENARIOS
- 53 PROMOTIONAL MIX
- 54 SALESFORCE DECISIONS
- 55 SALES PROMOTION
- 56 SURVEYS
- 57 TARGETS PRODUCT + MARKET
- 58 TECHNOLOGY
- 59 TRADE CELL ANALYSIS

Countries	Market	Market Forecast	Financial Forecast	Financial Margins	Historic Financial	Historic Costs	Industry Norms
Albania	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Algeria	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Angola	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Argentina	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Armenia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Aruba	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Australia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Austria	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Azerbaijan	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
The state of the s	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Bahamas Bahrain	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Bangladesh		Forecast					
Barbados	Market		Forecast	Forecast	Historic Historic	Historic	Norms
Belarus	Market	Forecast	Forecast	Forecast		Historic	Norms
Belgium	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Belize	Market Market	Forecast Forecast	Forecast Forecast	Forecast Forecast	Historic Historic	Historic Historic	Norms Norms
Bermuda							
Bhutan	Market Market	Forecast Forecast	Forecast Forecast	Forecast Forecast	Historic Historic	Historic Historic	Norms Norms
Bolivia							
Bosnia & Herzegovina	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Botswana	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Brazil	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Brunei	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Bulgaria	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Cambodia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Cameroon	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Canada	Market Market	Forecast Forecast	Forecast	Forecast Forecast	Historic	Historic	Norms Norms
Chad			Forecast Forecast		Historic	Historic	Norms
China	Market	Forecast		Forecast	Historic	Historic	
China	Market	Forecast Forecast	Forecast	Forecast	Historic	Historic	Norms Norms
Colombia	Market		Forecast	Forecast Forecast	Historic	Historic	
Costa Rica Cote d'Ivoire	Market	Forecast Forecast	Forecast Forecast		Historic	Historic Historic	Norms
	Market Market	Forecast	Forecast	Forecast Forecast	Historic Historic	Historic	Norms Norms
Croatia							
Cuba	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Cyprus	Market Market	Forecast	Forecast	Forecast Forecast	Historic	Historic	Norms
Czech Republic	Market	Forecast Forecast	Forecast Forecast	Forecast	Historic Historic	Historic Historic	Norms Norms
Denmark Dominica	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Dominican Republic	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Ecuador	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Egypt	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
El Salvador	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Estonia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Ethiopia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Finland	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
France	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
French Guiana	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Gabon Gambia	Market Market	Forecast Forecast	Forecast Forecast	Forecast Forecast	Historic Historic	Historic Historic	Norms Norms
	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Georgia		Forecast					Norms
Germany	Market Market	Forecast	Forecast Forecast	Forecast Forecast	Historic Historic	Historic Historic	Norms
Ghana	Market	Forecast			Historic	Historic	Norms
Greece		Forecast	Forecast	Forecast			Norms
Guadeloupe	Market		Forecast	Forecast	Historic	Historic	
Guatemala	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Guinea Riccau	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Guinea-Bissau	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Guyana	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms

Haiti	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Honduras	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Hong Kong	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Hungary	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Iceland	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
India	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Indonesia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Iran	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Iraq	Market Market	Forecast	Forecast	Forecast	Historic Historic	Historic Historic	Norms Norms
Ireland Israel	Market	Forecast Forecast	Forecast Forecast	Forecast Forecast	Historic	Historic	Norms
Italy	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Jamaica	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Japan	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Jordan	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Kazakhstan	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Kenya	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Kuwait	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Kyrgyzstan	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Laos	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Latvia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Lebanon	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Lesotho	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Liberia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Libya	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Liechtenstein	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Lithuania	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Luxembourg	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Macedonia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Madagascar	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Malawi	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Malaysia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Malta	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Martinique	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Mauritius	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Mexico	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Moldova	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Monaco	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Mongolia	Market Market	Forecast Forecast	Forecast Forecast	Forecast Forecast	Historic Historic	Historic Historic	Norms Norms
Morocco Mozambique	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Namibia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Nepal	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Netherlands	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Netherlands Antilles	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
New Caledonia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
New Zealand	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Nicaragua	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Nigeria	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Norway	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Oman	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Pakistan	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Panama	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Papua New Guinea	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Paraguay	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Peru	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Philippines	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Poland	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Portugal	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Puerto Rico	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Qatar	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Reunion	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Romania	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms

Russia Market Forecast Forecast Forecast Historic Historic Norms Senegal Market Forecast Forecast Forecast Forecast Historic Historic Norms Serbia & Montenegro Market Forecast Forecast Forecast Forecast Historic Historic Norms Sierra Leone Market Forecast Forecast Forecast Forecast Historic Historic Norms Sierra Leone Market Forecast Forecast Forecast Historic Historic Norms Singapore Market Forecast Forecast Forecast Historic Historic Norms Slovakia Market Forecast Forecast Forecast Historic Historic Norms Slovakia Market Forecast Forecast Forecast Historic Historic Norms Slovakia Market Forecast Forecast Forecast Historic Historic Norms South Africa Market Forecast Forecast Forecast Historic Historic Norms South Korea Market Forecast Forecast Forecast Historic Historic Norms Spain Market Forecast Forecast Forecast Historic Historic Norms Spain Market Forecast Forecast Forecast Historic Historic Norms Suriname Market Forecast Forecast Forecast Historic Historic Norms Swaziliand Market Forecast Forecast Forecast Historic Historic Norms Sweden Market Forecast Forecast Forecast Historic Historic Norms Switzerland Market Forecast Forecast Forecast Historic Historic Norms Switzerland Market Forecast Forecast Forecast Historic Historic Norms Switzerland Market Forecast Forecast Forecast Historic Historic Norms Taiwan Market Forecast Forecast Forecast Historic Historic Norms Taiwan Market Forecast Forecast Forecast Historic Historic Norms Tanzania Market Forecast Forecast Forecast Historic Historic Norms Tanzania Market Forecast Forecast Forecast Historic Historic Norms Tanzania Market Forecast Forecast Forecast Historic Historic Norms Thailand Tobago Market Forecast Forecast Forecast Historic Historic Norms Turkey Market Forecast Forecast Forecast Historic Historic Norms Turkey Market Forecast Forecast Forecast Historic Historic Historic Norms Market Forecast Forecast Forecast Historic Historic Historic Norms Turkmenistan
Senegal Market Forecast Forecast Forecast Historic Historic Norms Serbia & Montenegro Market Forecast Forecast Forecast Forecast Historic Historic Norms Sierra Leone Market Forecast Forecast Forecast Forecast Historic Historic Norms Singapore Market Forecast Forecast Forecast Historic Historic Norms Slovakia Market Forecast Forecast Forecast Historic Historic Norms Slovenia Market Forecast Forecast Forecast Historic Historic Norms South Africa Market Forecast Forecast Forecast Historic Historic Norms South Korea Market Forecast Forecast Forecast Historic Historic Norms Spain Market Forecast Forecast Forecast Historic Historic Norms Spain Market Forecast Forecast Forecast Historic Historic Norms Suriname Market Forecast Forecast Forecast Historic Historic Norms Suriname Market Forecast Forecast Forecast Historic Historic Norms Swaziland Market Forecast Forecast Forecast Historic Historic Norms Sweden Market Forecast Forecast Forecast Historic Historic Norms Switzerland Market Forecast Forecast Forecast Historic Historic Norms Switzerland Market Forecast Forecast Forecast Historic Historic Norms Syria Market Forecast Forecast Forecast Historic Historic Norms Syria Market Forecast Forecast Forecast Historic Historic Norms Taijwan Market Forecast Forecast Forecast Historic Historic Norms Tanzania Market Forecast Forecast Forecast Historic Historic Norms Tanzania Market Forecast Forecast Forecast Historic Historic Norms Thailand Forecast Forecast Forecast Historic Historic Norms Timidad & Tobago Market Forecast Forecast Forecast Historic Historic Norms Turkey Market Forecast Forecast Forecast Historic Historic Norms Turkey Market Forecast Forecast Forecast Historic Historic Norms
Serbia & MontenegroMarketForecastForecastForecastForecastHistoricHistoricNormsSierra LeoneMarketForecastForecastForecastHistoricHistoricNormsSingaporeMarketForecastForecastForecastHistoricHistoricNormsSlovakiaMarketForecastForecastForecastHistoricHistoricNormsSloveniaMarketForecastForecastForecastHistoricHistoricNormsSouth AfricaMarketForecastForecastForecastHistoricHistoricNormsSouth KoreaMarketForecastForecastForecastHistoricHistoricNormsSpainMarketForecastForecastForecastHistoricHistoricNormsSri LankaMarketForecastForecastForecastHistoricHistoricNormsSurinameMarketForecastForecastForecastHistoricHistoricNormsSwazilandMarketForecastForecastForecastHistoricHistoricNormsSwitzerlandMarketForecastForecastForecastHistoricHistoricNormsSyriaMarketForecastForecastForecastHistoricHistoricNormsTaiwanMarketForecastForecastForecastHistoricHistoricNormsTanzaniaMarketF
Sierra Leone Market Forecast Forecast Forecast Historic Historic Norms Singapore Market Forecast Forecast Forecast Forecast Historic Historic Norms Slovakia Market Forecast Forecast Forecast Forecast Historic Historic Norms Slovenia Market Forecast Forecast Forecast Historic Historic Norms South Africa Market Forecast Forecast Forecast Historic Historic Norms South Korea Market Forecast Forecast Forecast Historic Historic Norms Spain Market Forecast Forecast Forecast Historic Historic Norms Sri Lanka Market Forecast Forecast Forecast Forecast Historic Historic Norms Suriname Market Forecast Forecast Forecast Historic Historic Norms Swaziland Market Forecast Forecast Forecast Historic Historic Norms Swaziland Market Forecast Forecast Forecast Historic Historic Norms Swaziland Market Forecast Forecast Forecast Historic Historic Norms Switzerland Market Forecast Forecast Forecast Historic Historic Norms Switzerland Market Forecast Forecast Forecast Historic Historic Norms Syria Market Forecast Forecast Forecast Historic Historic Norms Taijukistan Market Forecast Forecast Forecast Historic Historic Norms Tanzania Market Forecast Forecast Forecast Historic Historic Norms Tanzania Market Forecast Forecast Forecast Historic Historic Norms Tanzania Market Forecast Forecast Forecast Historic Historic Norms Thailand Market Forecast Forecast Forecast Historic Historic Norms Tinidad & Tobago Market Forecast Forecast Forecast Historic Historic Norms Tunisia Market Forecast Forecast Forecast Historic Historic Norms Turkey Market Forecast Forecast Forecast Historic Historic Norms Norms
Singapore Market Forecast Forecast Forecast Forecast Historic Norms Slovakia Market Forecast Forecast Forecast Forecast Historic Historic Norms South Africa Market Forecast Forecast Forecast Forecast Historic Historic Norms South Africa Market Forecast Forecast Forecast Forecast Historic Historic Norms South Korea Market Forecast Forecast Forecast Forecast Historic Historic Norms Spain Market Forecast Forecast Forecast Historic Historic Norms Sri Lanka Market Forecast Forecast Forecast Historic Historic Norms Suriname Market Forecast Forecast Forecast Historic Historic Norms Swaziland Market Forecast Forecast Forecast Historic Historic Norms Swaziland Market Forecast Forecast Forecast Historic Historic Norms Switzerland Market Forecast Forecast Forecast Historic Historic Norms Syria Market Forecast Forecast Forecast Forecast Historic Historic Norms Syria Market Forecast Forecast Forecast Historic Historic Norms Taijkistan Market Forecast Forecast Forecast Forecast Historic Historic Norms Tanzania Market Forecast Forecast Forecast Historic Historic Norms Tanzania Market Forecast Forecast Forecast Historic Historic Norms Thailand Market Forecast Forecast Forecast Historic Historic Norms Trinidad Tobago Market Forecast Forecast Forecast Historic Historic Norms Tunisia Forecast Forecast Forecast Historic Historic Norms Tunisia Market Forecast Forecast Forecast Historic Historic Norms Tunisia Forecast Forecast Forecast Historic Historic Norms Tunisia Forecast Forecast Forecast Forecast Historic Historic Norms Tunisia Forecast Forecast Forecast Forecast Historic Historic Norms Tunisia Forecast Forecast Forecast Forecast Historic Historic Norms
SlovakiaMarketForecastForecastForecastForecastHistoricNormsSloveniaMarketForecastForecastForecastHistoricHistoricNormsSouth AfricaMarketForecastForecastForecastHistoricHistoricNormsSouth KoreaMarketForecastForecastForecastHistoricHistoricNormsSpainMarketForecastForecastForecastHistoricHistoricNormsSri LankaMarketForecastForecastForecastHistoricHistoricNormsSurinameMarketForecastForecastForecastHistoricHistoricNormsSwazilandMarketForecastForecastForecastHistoricHistoricNormsSwitzerlandMarketForecastForecastForecastHistoricHistoricNormsSyriaMarketForecastForecastForecastHistoricHistoricNormsTajikistanMarketForecastForecastForecastHistoricHistoricNormsTanzaniaMarketForecastForecastForecastHistoricHistoricNormsTrinidad & TobagoMarketForecastForecastForecastHistoricHistoricNormsTunisiaMarketForecastForecastForecastHistoricHistoricNormsTurkeyMarketForecastForecas
Slovenia Market Forecast Forecast Forecast Forecast Historic Historic Norms South Africa Market Forecast Forecast Forecast Forecast Historic Historic Norms South Korea Market Forecast Forecast Forecast Forecast Historic Historic Norms Spain Market Forecast Forecast Forecast Forecast Historic Historic Norms Sri Lanka Market Forecast Forecast Forecast Forecast Historic Historic Norms Suriname Market Forecast Forecast Forecast Forecast Historic Historic Norms Swaziland Market Forecast Forecast Forecast Forecast Historic Historic Norms Sweden Market Forecast Forecast Forecast Historic Historic Norms Switzerland Market Forecast Forecast Forecast Historic Historic Norms Syria Market Forecast Forecast Forecast Historic Historic Norms Tajikistan Market Forecast Forecast Forecast Forecast Historic Historic Norms Tanzania Market Forecast Forecast Forecast Historic Historic Norms Tanzania Market Forecast Forecast Forecast Historic Historic Norms Trinidad & Tobago Market Forecast Forecast Forecast Historic Historic Norms Tunisia Market Forecast Forecast Forecast Historic Historic Norms Turkey Market Forecast Forecast Forecast Historic Historic Norms Torecast Forecast Forecast Forecast Historic Historic Norms Torecast Forecast Forecast Forecast Historic Historic Norms Tunisia Market Forecast Forecast Forecast Historic Historic Norms Turkey Market Forecast Forecast Forecast Historic Historic Norms Torecast Forecast Forecast Forecast Historic Historic Norms Torecast Forecast Forecast Forecast Historic Historic Norms Turkey Market Forecast Forecast Forecast Historic Historic Norms Norms
South AfricaMarketForecastForecastForecastForecastHistoricHistoricNormsSouth KoreaMarketForecastForecastForecastHistoricHistoricNormsSpainMarketForecastForecastForecastHistoricHistoricNormsSri LankaMarketForecastForecastForecastHistoricHistoricNormsSurinameMarketForecastForecastForecastHistoricHistoricNormsSwazilandMarketForecastForecastForecastHistoricHistoricNormsSwedenMarketForecastForecastForecastHistoricHistoricNormsSwitzerlandMarketForecastForecastForecastHistoricHistoricNormsSyriaMarketForecastForecastForecastHistoricHistoricNormsTaiwanMarketForecastForecastForecastHistoricHistoricNormsTajikistanMarketForecastForecastForecastHistoricHistoricNormsTanzaniaMarketForecastForecastForecastHistoricHistoricNormsThailandMarketForecastForecastForecastHistoricHistoricNormsTunisiaMarketForecastForecastForecastHistoricHistoricHistoricNormsTurkeyMarketFor
South KoreaMarketForecastForecastForecastForecastHistoricHistoricNormsSpainMarketForecastForecastForecastHistoricHistoricNormsSri LankaMarketForecastForecastForecastHistoricHistoricNormsSurinameMarketForecastForecastForecastHistoricHistoricNormsSwazilandMarketForecastForecastForecastHistoricHistoricNormsSwedenMarketForecastForecastForecastHistoricHistoricNormsSwitzerlandMarketForecastForecastForecastHistoricHistoricNormsSyriaMarketForecastForecastForecastHistoricHistoricNormsTaiwanMarketForecastForecastForecastHistoricHistoricNormsTajikistanMarketForecastForecastForecastHistoricHistoricNormsTanzaniaMarketForecastForecastForecastHistoricHistoricNormsThailandMarketForecastForecastForecastHistoricHistoricNormsTunisiaMarketForecastForecastForecastHistoricHistoricNormsTurkeyMarketForecastForecastForecastHistoricHistoricNorms
SpainMarketForecastForecastForecastForecastHistoricHistoricNormsSri LankaMarketForecastForecastForecastHistoricHistoricNormsSurinameMarketForecastForecastForecastHistoricHistoricNormsSwazilandMarketForecastForecastForecastHistoricHistoricNormsSwedenMarketForecastForecastForecastHistoricHistoricNormsSwitzerlandMarketForecastForecastForecastHistoricHistoricNormsSyriaMarketForecastForecastForecastHistoricHistoricNormsTaiwanMarketForecastForecastForecastHistoricHistoricNormsTajikistanMarketForecastForecastForecastHistoricHistoricNormsTanzaniaMarketForecastForecastForecastHistoricHistoricNormsThailandMarketForecastForecastForecastHistoricHistoricNormsTunisiaMarketForecastForecastForecastHistoricHistoricNormsTurkeyMarketForecastForecastForecastHistoricHistoricNorms
Sri LankaMarketForecastForecastForecastForecastForecastHistoricNormsSurinameMarketForecastForecastForecastHistoricHistoricNormsSwazilandMarketForecastForecastForecastHistoricHistoricNormsSwedenMarketForecastForecastForecastHistoricHistoricNormsSwitzerlandMarketForecastForecastForecastHistoricHistoricNormsSyriaMarketForecastForecastForecastHistoricHistoricNormsTaiwanMarketForecastForecastForecastHistoricHistoricNormsTajikistanMarketForecastForecastForecastHistoricHistoricNormsTanzaniaMarketForecastForecastForecastHistoricHistoricNormsThailandMarketForecastForecastForecastHistoricHistoricNormsTunisiaMarketForecastForecastForecastHistoricHistoricNormsTurkeyMarketForecastForecastForecastHistoricHistoricNorms
SurinameMarketForecastForecastForecastForecastHistoricHistoricNormsSwedenMarketForecastForecastForecastHistoricHistoricNormsSwitzerlandMarketForecastForecastForecastHistoricHistoricNormsSyriaMarketForecastForecastForecastHistoricHistoricNormsTaiwanMarketForecastForecastForecastHistoricHistoricNormsTajikistanMarketForecastForecastForecastHistoricHistoricNormsTanzaniaMarketForecastForecastForecastHistoricHistoricNormsThailandMarketForecastForecastForecastHistoricHistoricNormsTrinidad & TobagoMarketForecastForecastForecastHistoricHistoricNormsTunisiaMarketForecastForecastForecastHistoricHistoricNormsTurkeyMarketForecastForecastForecastHistoricHistoricNorms
SwazilandMarketForecastForecastForecastForecastHistoricHistoricNormsSwitzerlandMarketForecastForecastForecastHistoricHistoricNormsSyriaMarketForecastForecastForecastHistoricHistoricNormsTaiwanMarketForecastForecastForecastHistoricHistoricNormsTajikistanMarketForecastForecastForecastHistoricHistoricNormsTanzaniaMarketForecastForecastForecastHistoricHistoricNormsThailandMarketForecastForecastForecastHistoricHistoricNormsTrinidad & TobagoMarketForecastForecastForecastHistoricHistoricNormsTunisiaMarketForecastForecastForecastHistoricHistoricNormsTurkeyMarketForecastForecastForecastHistoricHistoricNorms
SwedenMarketForecastForecastForecastForecastHistoricHistoricNormsSyriaMarketForecastForecastForecastHistoricHistoricNormsTaiwanMarketForecastForecastForecastHistoricHistoricNormsTajikistanMarketForecastForecastForecastHistoricHistoricNormsTanzaniaMarketForecastForecastForecastHistoricHistoricNormsThailandMarketForecastForecastForecastHistoricHistoricNormsTrinidad & TobagoMarketForecastForecastForecastHistoricHistoricNormsTunisiaMarketForecastForecastForecastHistoricHistoricNormsTurkeyMarketForecastForecastForecastHistoricHistoricNorms
SwitzerlandMarketForecastForecastForecastForecastHistoricNormsSyriaMarketForecastForecastForecastHistoricHistoricNormsTaiwanMarketForecastForecastForecastHistoricHistoricNormsTajikistanMarketForecastForecastForecastHistoricHistoricNormsTanzaniaMarketForecastForecastForecastHistoricHistoricNormsThailandMarketForecastForecastForecastHistoricHistoricNormsTrinidad & TobagoMarketForecastForecastForecastHistoricHistoricNormsTunisiaMarketForecastForecastForecastHistoricHistoricNormsTurkeyMarketForecastForecastForecastHistoricHistoricNorms
SyriaMarketForecastForecastForecastForecastHistoricHistoricNormsTajikistanMarketForecastForecastForecastHistoricHistoricNormsTanzaniaMarketForecastForecastForecastHistoricHistoricNormsThailandMarketForecastForecastForecastHistoricHistoricNormsTrinidad & TobagoMarketForecastForecastForecastHistoricHistoricNormsTunisiaMarketForecastForecastForecastHistoricHistoricNormsTurkeyMarketForecastForecastForecastHistoricHistoricNorms
TaiwanMarketForecastForecastForecastForecastHistoricHistoricNormsTajikistanMarketForecastForecastForecastHistoricHistoricNormsTanzaniaMarketForecastForecastForecastHistoricHistoricNormsThailandMarketForecastForecastForecastHistoricHistoricNormsTrinidad & TobagoMarketForecastForecastForecastHistoricHistoricNormsTunisiaMarketForecastForecastForecastHistoricHistoricNormsTurkeyMarketForecastForecastForecastHistoricHistoricNorms
TajikistanMarketForecastForecastForecastHistoricHistoricNormsTanzaniaMarketForecastForecastForecastHistoricHistoricNormsThailandMarketForecastForecastForecastHistoricHistoricNormsTrinidad & TobagoMarketForecastForecastForecastHistoricHistoricNormsTunisiaMarketForecastForecastForecastHistoricHistoricNormsTurkeyMarketForecastForecastForecastHistoricHistoricNorms
TanzaniaMarketForecastForecastForecastHistoricHistoricNormsThailandMarketForecastForecastForecastHistoricHistoricNormsTrinidad & TobagoMarketForecastForecastForecastHistoricHistoricNormsTunisiaMarketForecastForecastForecastHistoricHistoricNormsTurkeyMarketForecastForecastForecastHistoricHistoricNorms
Trinidad & TobagoMarketForecastForecastForecastHistoricHistoricNormsTunisiaMarketForecastForecastForecastHistoricHistoricNormsTurkeyMarketForecastForecastForecastHistoricHistoricNorms
Trinidad & TobagoMarketForecastForecastForecastHistoricHistoricNormsTunisiaMarketForecastForecastForecastHistoricHistoricNormsTurkeyMarketForecastForecastForecastHistoricHistoricNorms
TunisiaMarketForecastForecastForecastHistoricHistoricNormsTurkeyMarketForecastForecastForecastHistoricHistoricNorms
runcy
Turkmenistan Market Forecast Forecast Forecast Historic Norms
Turking Torocact Torocact Trictoric Trictoric
Uganda Market Forecast Forecast Forecast Historic Historic Norms
Ukraine Market Forecast Forecast Forecast Historic Historic Norms
United Arab Emirates Market Forecast Forecast Forecast Historic Norms
United Kingdom Market Forecast Forecast Forecast Historic Norms
United States Market Forecast Forecast Forecast Historic Norms
Uruguay Market Forecast Forecast Forecast Historic Norms
Uzbekistan Market Forecast Forecast Forecast Historic Norms
Venezuela Market Forecast Forecast Forecast Historic Historic Norms
Vietnam Market Forecast Forecast Forecast Historic Historic Norms
Virgin Islands Market Forecast Forecast Forecast Historic Historic Norms
Zambia Market Forecast Forecast Forecast Historic Norms
Zimbabwe Market Forecast Forecast Forecast Historic Norms

The Data Caveat

The report databases are designed to give a common definition, unit of measure and quantification of markets in over 200 countries. These reports rely on data collection at various levels of the product flow; this effectively means, the producer, the distribution channels and the end user or consumers. This data is then correlated with any national and international statistical data produced by official agencies. Unfortunately, product flow data gathering in some countries is difficult, and furthermore the official statistical data is both inaccurate and sparse. In such circumstances, in some countries, we have to flag a Data Caveat as a warning. What this means is that in some countries the data is not sufficiently verifiable for statistical purposes and in those cases the data may not be presented.

Methodology

For more information on methodology please download a copy of the Methodology Manual:

https://marketpublishers.com/datagroup/Base_Data/Methodology_Manual.pdf

Deliverables

The report will be provided as follows:

- Executive Summary at Word document (900 pages) + Executive Summary as a PDF (900 pages)
 World Edition: Executive Brief (90 html pages) + Executive Summary (900 html pages).
- 2. Online downloadable Zipped version of the report.
- 3. Back-up DVD with Report and Report Database (Optional).
- 4. 12 months After-Sales Service.
- 5. 1-2 hour Teleconference / Teamviewer presentation of the report findings if required. See After-Sales Service
- 6. Dedicated web site access for the report & databases if required. See After-Sales Service.

About this Database

As an entry level product the narrative is necessarily illustrative in its terminology and seeks to provide a basic degree of business logic and theory which indicates the rational applied in the forecasting and modelling methodology. First time users should read the Database Introduction as well as the Notes and Definitions links found in each Chapter. There are subtle statistical nuances to some of the spreadsheets and databases which will help the user to fine-tune their models and forecasts to obtain maximum effect and greater accuracy.

Data Product levels

Because of the sheer volume of data potentially available it has been necessary to create a number of product levels which can provide clients with as little or as much data as needed. Clients can upgrade their Product level if required.

Database Entry level

Entry level products provide the most basic degree of information supplied. This product can be used to build upon for various business forecasting and planning application. A World Report will have a database of over 9,000 record sets.

Corporate Modelling level

The Corporate level modelling products provide the tools and information for medium and long term corporate forecasting and planning. Typically this level will produce a count of over 24,000 record sets.

Econometric Modelling level

The Econometric level modelling products provide the tools and information for industry level, national, and international medium & long term forecasting and planning. Typically this has a database of over 39,000 record sets.

Presentation level

The Presentation level products provide the information sought by a client company is a graphical or audio-visual format which is bespoke for the particular needs and applications of the client.

Real Time Support

The After-Sales Service can offer client Real-Time Support. This usually involves using a software utility called TeamViewer (an installation program can be found in the Toolkit on your DVD or Hard Disk Drive) which allows the After-Sales Service support staff to directly link to the client's computer and work with the users in real time.

Toolkits

To assist users there are various Toolkits available on request:

The Files, Data, Documents, Software, Tools, Utilities and other items provided on these DVDs are supplied for the sole use of the recipient. These items are the property of the publishers concerned and they may not be released or distributed without the express permission of the publisher of each item.

Toolkit 1

- 1. Data Manuals
- 2. Document Templates
- 3. Help files
- 4. Manuals Templates
- 5. Microsoft Utilities
- OpenOffice
- 7. Business Plan Images
- 8. Reference files
- 9. US Census Data Tools *
- 10. Utilities & Tools

Toolkit 2

- 11. Database Utilities
- 12. Enterprise Resource Planning
- 13. Integrated Development Environment
 If you intend to implement our databases online
 (internet or intranet) then an Integrated Development
 Environment is often the easiest route to data
 dissemination and data manipulation.

* All our databases are directly compatible with U.S. Government databases (the Department of Commerce, US census, NIST, Treasury, et al) it is sometimes useful for users to use US Government data handling tools to manage not only US Government data, but also the data provided by us. Alternatively, if you are already using this US Government software you can simply access our databases with the same software. In general our databases use the same database parameters, structures and field names as those found in US Government databases, and thus uses can correlate and guery databases without undue difficulty.

Toolkit 3

There are about 40 Statistical packages provided in this Toolkit. These are Open-Source packages which are generally free to use. The following packages are available:-

acsIX, ADaMSoft, ADMB, AMPL, Analyse-it, Analytica, Angoss, APMonitor, ASReml, Automlab, Baudline, Bayesian Filtering Library, BMDP, BV4.1, CalEst, Ch, Chronux, COMSOL Script, CSPro, DADiSP, DAP, Data Applied, Dataplot, Demetra+, EJS, ELKI, Epi Info, Euler Mathematical Toolbox, EViews, FAME, FEniCS Project, Fityk, FlexPro, GAUSS, Genedata Analyst, GenStat, GeoDA, GLIM, GNU Data Language, GraphPad InStat, GraphPad Prism, gretl, Hermes, IBM SPSS Modeler, IBM SPSS Statistics, IDAMS/WinIDAMS, IDL, IGOR Pro, IMSL Numerical Libraries, Izenda, JAGS, JHepWork, JMP, JMulTi, Julia, KPP, LabPlot, LISREL, Macsyma, Madagascar, MadArtSoft, Madeline, Maple, Mathcad, Mathemagix., Mathematica, MATLAB, MCSim, MedCalc, Minitab, MINUIT, MLwiN, Mondrian, NCAR Command Language, NCSS, NMath Stats, numberGo Publisher, NumXL, Octave, O-Matrix, OpenBUGS, OpenEpi, OpenMx, OptimJ, Orange, Origin, OriginPro, PARI/GP, Partek, PAW, Perl Data Language, Ploticus, Primer-E Primer, PSPP, PV-WAVE, Q research software, QtiPlot, Quantum, R, R Commander, R Rattle GUI, RapidMiner, RATS, Revolution Analytics, ROOT, Sage, SALOME, Salstat, SAS, scikit-learn, Scilab, SciPy, SHAZAM, Shogun, SigmaStat, SigmaXL, Simfit, Simul, SOCR, SOFA Statistics, SPC XL, Speakeasy, S-PLUS, SPSS, Stata, Statgraphics, STATISTICA, Statistical Lab, Stat-JR, Stats Helper, StatXact, SUDAAN, Systat, The Unscrambler, Trilinos, Unistat, VisSim, Waffles, Weka, WinBUGS, Winpepi, X-12-ARIMA, XLfit, Xlisp-stat, XploRe, Yorick.

Toolkit 4

Microsoft Server 2003 utilities and resources. These are for clients implementing databases on Microsoft Server 2003 systems.

Toolkit 5

Microsoft Server 2008 utilities and resources for clients implementing databases on those systems. Microsoft Server 2012 migration utilities are also in this Toolkit.

Proprietary Software package compatibility

If you use proprietary corporate planning software then it is easy to use these databases as they are compatible with the following packages:-

Some Compatible Software products (See the Database Support site for a full list)

Project Management Software: 24SevenOffice, Assembla, AtTask, Basecamp, Central Desktop, Cerebro, Clarizen, codeBeamer, Collabtive, Concerto, Contactizer, CredAbility.info, dotProject, Easy Projects .NET, eGroupWare, FastTrack Schedule, Feng Office Community Edition, FogBugz, GanttProject, Gemini, Genius Inside, Glasscubes, Huddle, Hyperoffice, InLoox, JIRA, Journyx, Kayako, KForge, KPlato, Launchpad, LiquidPlanner, LisaProject, MacProject, MantisBT, MatchWare MindView 3 Business, Merlin, MicroPlanner X-Pert, Microsoft Office Project Server, Microsoft Project, Mingle, O3spaces, OmniPlan, Open Workbench, OpenProj, Oracle Project Portfolio Management, Planisware 5, Planner Suite, Pmplus+, Primavera Project Planner, Project KickStart, Project.net, Project-Open, Projectplace, ProjectSpaces, Projektron BCS, PSNext, QdPM, QuickBase, Redmine, Rachota, SAP RPM, Smartsheet, TaskJuggler, Teamcenter, Teamwork, Tenrox, Trac, TrackerSuite.Net, Ubidesk, VPMi, WorkLenz, WorkPLAN Enterprise, workspace.com, WebSPOC, Wrike, Zoho Projects

ERP Packages: Adempiere, BlueErp, Compiere, Dolibarr, Fedena, GNU Enterprise, JFire, Kuali Foundation, LedgerSMB, OFBiz, Openbravo, OpenERP, Opentaps, Postbooks, SQL-Ledger, Tryton, WebERP, 1C:Enterprise, 24SevenOffice Start / Premium / Professional, abas ERP, Accpac, Agresso Business World, AMS Advantage, BatchMaster ERP, Bowen & Groves, CGram Enterprise, Clear Enterprise, Comarch Altum, Compass ERP, Compiere, Comprehensive Patient Administrator, COA Solutions Ltd - Smart Business Suite, Consona Corporation – Intuitive / Made2manage / AXIS / Cimnet / Encompix / DTR, Epicor Enterprise, Global Shop Solutions One-System ERP Solutions, HansaWorld, ERP Adage (Adage), ERP LN (Baan), ERP LX (BPCS) ,ERP SL (SyteLine), ERP Swan, ERP SX.Enterprise (SX.Enterprise), ERP VE (Visual Enterprise), ERP XA (MAPICS), IFS Applications, JD Edwards EnterpriseOne & JD Edwards World, JustFoodERP.com, kVASy4, Kingdee, Lawson M3 / Movex, Lawson S3, Log-net, Maximo (MRO), Microsoft Dynamics AX, Microsoft Dynamics GP, Microsoft Dynamics NAV, Microsoft Dynamics SL, Momentum, MyWorkPLAN, NetSuite, Openda QX, OpenMFG, Oracle e-Business Suite, Paradigm, PeopleSoft, Plex Online, QAD Enterprise Applications, Ramco Enterprise Series 4.x, Ramco e.Applications, Ramco On Demand ERP, MAS 90, MAS 200, MAS 500, Technology One, SAGE ACCPPAC, SAGE Pro ERP, SAGE ERP X3, SAP Business Suite, SAP Business ByDesign, SAP Business One, SAP Business All-in-One, TaskHub, SYSPRO, SYS-APPS, mySAP, Visibility.net, WorkPLAN Enterprise

Enterprise Feedback Management Systems: SynGro, Perseus (Vovici), Clicktools, DatStat, Inquisite, SPSS, FIRM (Confirmit), NetReflector, Allegiance, Enetrix, Satmetrix, RightNow Technologies, Mindshare Technologies, Data Illusion, KeySurvey (WorldAPP), Kinetic Data, CustomerSat, Medallia, Interview SA, Surveynomics, Invoke Solutions, Qualtrics, Fizzback, Grimmersoft, QuestManager, QuestBack, Globalpark, DataCycles, Dub Studios, eLustro, Kinesis Survey Technologies, Knowledge Wave, myK (myKnowledge), mySurveyLab.com, QuickSearch, Ransys, ResponseTek Networks Corp., TalkFreely, XTCO, Zarca

Resource Web

Sometimes clients also want the data loaded onto a password protected dedicated website for the use of their staff and any other persons they may authorise.

The main benefit of these Resource Webs is that the data is available to all the client's staff and professional advisors wherever they may be, and also when data is updated, or new data is added, then there is a common point of access for that data. Resource Webs are maintained for the use of the client for a period of 12 months from the last update to that site. These dedicated web sites are provided by the After-Sales Service.

For a detailed view of a typical Resource Web: http://www.eni-italy.info produced for ENI, the Italian Oil group

Research & Survey Methodology Analysis

Some client may wish to understand the statistical and methodological basis of the specific research conducted and this can be provided as part of the After-Sales Service.

Statistical Appraisal of Datasets (via the After-Sales Service)

Sampling

- External Validity
- Sampling Terminology
- o Statistical Terms in Sampling
- Probability Sampling
- Nonprobability Sampling

Measurement

- Construct Validity
 - o Measurement of Validity Types
 - Construct Validity
 - Convergent & Discriminant Validity
 - Threats to Construct Validity
 - Nomological Networks
 - Multi-trait / Multi-method Matrix
 - Pattern Matching Construct Validity
- Reliability
 - o True Score
 - o Measurement Error
 - Reliability
 - Type of Reliability Analysis
 - Validity
- Levels of Measurement
- Survey Research
 - Survey Type
 - Selecting the Survey Method
 - Construction of the Survey
 - Questions
 - Question Content
 - Response Format
 - Question Wording
 - Question Placement
 - o Interviews
 - Appraisal of Survey Method
- Scaling
 - General Issues in Scaling
 - o Thurstone Scaling
 - Likert Scaling
 - o Guttman Scaling
 - Qualitative Measures
 - o Qualitative Discussion
 - o Qualitative Data
 - o Qualitative Approach
 - o Qualitative Method
 - Qualitative Validity
- Unobtrusive Measures

Design

- Internal Validity
 - Establishing Cause & Effect
 - Single Group Threats
 - Regression to the Mean
 - Multiple Group Threats
 - Social Interaction Threats
- Design Development
- Design Type
- Experimental Designs
 - Two-Group Experimental Design
 - Probabilistic Equivalence
 - Random Selection & Assignment
 - Classifying Experimental Designs
 - Factorial Design
 - Factorial Design Variations
 - Randomized Block Design
 - Covariance Design
 - Hybrid Experimental Design
- Quasi-Experimental Designs
 - Non-equivalent Groups Design
 - o Regression-Discontinuity Design
 - o Other Quasi-Experimental Design
- Relationships of Pre-Post Designs
- Formulation of the Designs
- Modification & Experimentation

Analysis

- Conclusion Validity
 - o Threats to Validity
 - Validity Improvements
 - Statistical Control
- Data Preparation
- Descriptive Statistics
 - Correlation
- Inferential Statistics
 - o T-Test
 - Indicator Variables
 - o General Linear Model
 - Post-test-Only Analysis
 - Factorial Design Analysis
 - o Randomized Block Analysis
 - Analysis of Covariance
 - o Non-equivalent Group Analysis
 - Regression-Discontinuity Analysis
 - Regression Displacement Analysis

Appendix 1 : Regional Report country coverage

Canada & USA	Europe	Middle East	Africa
<u>Canada</u>	Albania	Afghanistan*	Algeria
United States	Andorra*	Azerbaijan	Angola
	Armenia	Bahrain	Benin*
Central America	Austria	Iran	Botswana
Antigua and Barbuda*	Belarus	Iraq	Burkina Faso*
Aruba	Belgium	Israel	Burundi*
Bahamas	Bosnia + Herzegovina	Jordan	Cameroon
Barbados	Bulgaria	Kuwait	Cape Verde*
Belize	Croatia	Lebanon	Cen African Rep*
Bermuda*	Cyprus	Oman	Chad*
Cayman Islands*	Czech Republic	Pakistan	Cote d'Ivoire
Costa Rica	Denmark	Qatar	Democratic
Cuba	Finland	Saudi Arabia	Republic Congo*
Dominica	France	Syria	Djibouti*
Dominican Republic	Eire	Tajikistan	Egypt
El Salvador	Estonia	Turkey	Equatorial Guinea*
Grenada*	Georgia	Turkmenistan	Eritrea
Guadeloupe	Germany	United Arab Emirates	Ethiopia
Guatemala	Greece	Yemen*	Gabon
Haiti	Greenland*		Gambia
Honduras	Hungary	Asia	Ghana
Jamaica	Iceland	Bangladesh	Guinea
Martinique	Italy	Brunei*	Guinea-Bissau
Mexico	Latvia	Burma*	Kenya
Netherlands Antilles	Liechtenstein*	Cambodia	Lesotho
Nicaragua	Lithuania	China	Liberia
<u>Panama</u>	Luxembourg	<u>India</u>	Libya
Puerto Rico	Macedonia	<u>Indonesia</u>	Madagascar
Saint Kitts and Nevis*	Malta*	<u>Japan</u>	Malawi
Saint Lucia*	<u>Moldova</u>	Laos	Mali*
Saint Vincent	<u>Montenegro</u>	<u>Malaysia</u>	Mauritania*
Grenadines*	<u>Netherlands</u>	Mongolia*	Morocco
Trinidad and Tobago	<u>Norway</u>	Nepal*	<u>Mozambique</u>
US Virgin Islands*	<u>Poland</u>	North Korea*	<u>Namibia</u>
	<u>Portugal</u>	<u>Philippines</u>	Niger*
South America	<u>Romania</u>	Singapore	<u>Nigeria</u>
<u>Argentina</u>	Serbia*	South Korea	Republic Congo*
<u>Bolivia</u>	<u>Slovakia</u>	Sri Lanka	Rwanda*
<u>Brazil</u>	<u>Slovenia</u>	<u>Taiwan</u>	S Tome Principe*
<u>Chile</u>	<u>Spain</u>	<u>Thailand</u>	<u>Senegal</u>
<u>Colombia</u>	<u>Sweden</u>	<u>Vietnam</u>	Seychelles*
<u>Ecuador</u>	<u>Switzerland</u>		Sierra Leone
French Guiana	<u>United Kingdom</u>	Oceania	Somalia*
<u>Guyana</u>	<u>Ukraine</u>	<u>Australia</u>	South Africa
<u>Paraguay</u>		<u>Fiji Islands</u> *	Sudan*
<u>Peru</u>	Eurasia	French Polynesia*	<u>Swaziland</u>
<u>Suriname</u>	<u>Kazakhstan</u>	<u>Kiribati</u> *	<u>Tanzania</u>
<u>Uruguay</u>	<u>Kyrgyzstan</u>	Micronesia*	<u>Tunisia</u>
<u>Venezuela</u>	<u>Russia</u>	New Caledonia*	<u>Uganda</u>
	<u>Uzbekistan</u>	New Zealand	<u>Zambia</u>
		Papua New Guinea	<u>Zimbabwe</u>

The countries marked * indicate a data caveat due to local survey conditions.

Appendix 2: About the After-Sales Service

The After-Sales Service is most effective if users plan their orders sequentially, i.e. extract the basic data which will then lead to more complex data or correlations. This also helps to reduce costs as the use of automated data processing and standard data formats are always less expensive to produce than Ad Hoc work.

Modular Research

Once the After-Sales Service understands the general data requirements they will send the Client a Modular Proposal as a Word document. The Client can then select the Parts required, and amend or modify the information objectives.

The best method to organise the ordering of data is as follows:-

- 1 Additional Market Research Data
- 2 Distribution Channels & End Users
- 3 Survey Data
- 4 Corporate Data
- 5 Additional Requirements

Once a client has specified exactly what data is needed, and that specification is available, then the After-Sales Service will produce a written quotation of cost and delivery time.

1. Market Research

Markets & Products

Clients can order data for additional Product and Market Sectors. This will always include data, by year Historic: from 1997, and a Forecast by year to 2040. Data can be provided for up to 200 countries.

The client can specify Product & Market breakdowns as needed:

2. Distribution Channels & End Users Data

Distribution Channels

This section can investigate the Product Distribution Channels in the selected Markets. The data is based on a series of existing Databases. The client can specify information as needed.

End Users

This section can investigate the End Users of the Products in the selected markets. The data is based on a series of existing Databases. The client can specify information as needed.

3. Survey Data

Supplementary Survey Data for the selected Products & Markets

Each survey (Suppliers, Distribution Channels, Decision Makers, and End Users) contains 5 sub-sets for Products, Supplier Operations, Buyer & End Users, Trading Area, & Competitors in the selected Markets.

Products	The client can specify information as needed.
Operations	The client can specify information as needed.
Buyer & Decision Maker Profiles	The client can specify information as needed.
Trading Area	The client can specify information as needed.
Competitors	The client can specify information as needed.

These surveys cover the Markets, Products, Competitors, Operations and Product Flows in terms of the Suppliers, Distributors, Decision Makers, and End Users.

Industry & Supplier Performance

One can investigate the product Industry in the selected Markets. Industry Performance Survey results. The client can specify information as needed.

Distribution Channels

One can investigate the product Distribution Channels in the selected Markets. Distribution Survey results. The client can specify information as needed.

Decision Makers

One can investigate the product Buyers and Purchasing Decision Makers in the selected Markets. Purchasing Decision Makers Survey results. The client can specify information as needed.

End Users

One can investigate the End Users in the selected Markets. End User & Buyer Survey results. The client can specify information as needed.

4. Corporate Data

This database contains data on 4,396 significant Companies (Suppliers and Distribution Channel members) worldwide.





This part is provided as a PDF file or a Word file, as specified by the client.

Data Objectives for each Target Company

The data objectives have to be set by the client and were possible these will be achieved by the research. For example:-

- 1. Financials: historical sales, forecasted sales, gross profit margin.
 - a. By industry sector and application sector as defined by the client.

For example, for the sales made by a Target Company those products sold to specific categories of customers, how much of their revenue is generated from providing various products, or application to specific categories of customers, et cetera.

- 2. A list of products produced by the Target Company or sourced from other suppliers.
- Type of distribution channel, e.g. direct sales to End Users, OEM sales, via specifiers, via importers or distributor, partnering with third party providers, et cetera.
- Partners by type (e.g. specifiers, product distributor, customer service partner) per country
- Pricing by product sector defined by the client.
- 6. Discount structures
- 7. Capacity by product/market defined
- 8. Availability of products (% of product in stock versus product to be ordered)
- 9. Sales by the type of Support for all categories specified by the client.
- 10. The average Modernization and Upgrades period by Product Sector defined by the client.
- 11. Customer Perceptions
- 12. The size (in terms of number) of management team per country, number of field sales persons per country, number of customer service staff per country.
- 13. Countries covered by the competitors, production sites (city), customer service sites (city), headcount, documentation.
- 14. Technology and innovation: innovative technology or application developments.
- 15. Et cetera... The client can specify any particular data which needs to be covered.

List of Target Companies

The Client may either select the target themselves, or can specify the Top 10 or Top 15 in the World / Europe / individual Country / et cetera. The client can specify here which Target Companies are to be covered.

Base data objectives for the Target Company

Key Personnel:

- 1. Chairman
- 2. Chief Executive
- 3. Directors:
- 4. Executives:

Corporate Summary:

- 5. Company Description
- 6. Company History
- 7. Legal Entity & Ownership
- 8. Company Facilities
- 9. Company Key Assets
- 10. Mainline product / service
- 11. Product / services provided
- 12. Parent Company
- 13. Bankers
- 14. Year established
- 15. Current employees
- 16. Issued capital
- 17. Shareholders
- 18. Last published turnover
- 19. Subsidiaries
- 20. Associated companies
- 21. Companies represented
- 22. Agencies
- 23. Physical processing locations
- 24. Capital investment
- 25. Advertising expenditure
- 26. Advertising media
- 27. Advertising posture
- 28. Sales promotion activity
- 29. Method of selling
- 30. Distribution
- 31. Distribution network
- 32. Use of distribution channels

Corporate Observations:

- 33. Premises
- 34. Product Brands
- 35. Product Sales Channels
- 36. Products Carried & Services Offered
- 37. Consumer Features & Benefits
- 38. Current Market Analysis
- 39. Competition
- 40. Competitive Advantage
- 41. Target Markets
- 42. Target Customers
- 43. Current Strategy & Implementation
- 44. Current Management
- 45. Current Financial Plan
- 46. Investment Fund Sources & Use of Funds
- 47. Future Target Customers
- 48. Future Process Trends
- 49. Future Market Analysis
- 50. Projected Market Size
- 51. Planned Products & Services
- 52. Development Plans

SWOT Analysis:

53. Strengths

- 54. Weaknesses
- 55. Opportunities
- 56. Threats

Future Strategy Planning & Implementation:

- 57. Philosophy
- 58. Product Development
- 59. Internet Strategy
- 60. Marketing Strategy
- 61. Sales Strategy
- 62. Strategic Alliances
- 63. Operations

Goals:

- 64. Renovating premises, stocking, staff hiring and marketing.
- 65. Market Penetration
- 66. Penetrate and raise awareness in the targeted markets.
- 67. Achieving a higher profit margin.
- 68. Building the customer base.
- 69. Generate repeat and referral sales.
- 70. Expansion potential.
- 71. Reputation as a quality Supplier.

Exit Strategies

Management:

- 72. Organisational Structure
- 73. Leadership
- 74. Staff Members

Financial Plans:

- 75. Finance Requirements
- 76. Use of Funds
- 77. Cash Flow
- 78. Balance Sheet Topics
- 79. Financial Assumptions

Specific Additional corporate data required on Target Companies

The client can specify any particular corporate data which is needed:

- 80. -
- 81. -
- 82. .../

These above items are a qualitative analysis of the Target Company. This data is derived from the Surveys of Industry sources, Distribution Channels and Buyers of the products supplied by the target company. This data is not quantified, but is presented as the qualified and subjective opinions of those responding to the surveys.

Financial Data for the Target Company

The financial data is provided in sections:-

- 1. the most salient Management figures and margins, and
- 2. a full Balance Sheet and Management Accounts simulation.

Management Accounts

Management figures for the Target Company: Management figures for the Management figures

- Product Revenue
- Product Profitability as a % of Sales
- 3. Total Process Space
- 4. Average Site Process Space
- 5. Average Site Revenues
- 6. Average Site Establishment Cost
- 7. Fixed Assets: Premises
- Fixed Assets: Equipment
- 9. Fixed Assets: Miscellaneous Items
- 10. Fixed Assets
- 11. Capital Expenditure on Premises
- 12. Capital Expenditure on Plant
- 13. Capital Expenditure on Equipment
- 14. Cap. Expend. on Data Processing
- 15. Capital Expenditure on Misc. Items
- 16. Total Capital Expenditure
- 17. Retirements: Premises
- 18. Retirements: Plant & Equipment
- 19. Retirements: Miscellaneous Items
- 20. Total Retirements

- 21. Total Fixed Assets
- 22. Finished Product Stocks
- 23. Work in Progress as Stocks
- 24. Materials as Stocks
- 25. Total Stocks / Inventory
- 26. Debtors
- 27. Miscellaneous Current Assets
- 28. Total Current Assets
- 29. Total Assets
- 30. Creditors
- 31. Short Term Loans
- 32. Miscellaneous Current Liabilities
- 33. Total Current Liabilities
- 34. Net Assets / Capital Employed
- 35. Long Term Loans
- 36. Miscellaneous Long Term Liabilities
- 37. Shareholders' Funds
- 38. Process Workers
- 39. Total Employees

Specific Additional Financial data required on Target Companies

The client can specify any particular Financial data which is needed.

Balance Sheet and Management Ratios

Balance Sheet and Management Accounts for the Target Company: Management Accounts for the Manageme

- 61. Un-recoverable Debts Ratio of Total Debt 62. Un-recoverable Debts Ratio Within Terms
- 63. Total Sales Costs as a % of Sales
- 64. Total Distribution Costs as a % of Sales
- 65. Total Advertising Costs as a % of Sales
- 66. Total After-Sales Costs as a % of Sales
- 67. Total Customer Compensation Costs
- 68. Total Variable Marketing Costs % of Sales
- 69. Total Fixed Marketing Costs % of Sales
- 70. Total Fixed Marketing Costs: Ratio Variable Costs 71. Variable Sales Personnel Costs: Marketing
- 72. Variable Distribution Ratio Marketing Costs
- 73. Variable Advertising Costs: Marketing
- 74. Variable After-Sales Costs as a Ratio of Marketing Costs
- 75. Sales Personnel Variable Costs: Sales
- 76. Sales Personnel Variable Costs: Debtors
- 77. Sales Personnel Variable Costs
- 78. Exports as a % of Sales
- 79. \$ Hourly Pay Rate
- 80. \$ Hourly Wage Rate
- 81. Capital Employed
- 82. Return on Capital
- 83. Return on Assets
- 84. Return on Shareholders' Funds

Return on Capital

- Return on Assets
- Return on Shareholders' Funds
- Pre-tax Profit Margins
- Operating Profit Margin Trading Profit Margin
- Return on Investment 7.
- Assets Utilisation (Sales to Total Assets)
- Sales as a ratio of Fixed Assets
- 10. Stock Turnover (Sales as a ratio of Stocks)
- 11. Credit Period
- 12. Creditors' Ratio (Creditors / Sales times 365 days)
- 13. Default Debtors / Ratio of Total Debtors
- 14. Un-Recoverable Debts Ratio of Total Debts
- 15. Working Capital / Sales
- 16. Materials & Energy Costs as a % of Sales
- 17. Added Value
- 18. Investment as a Ratio of Added Value
- 19. Value of Plant & Equipment % of Sales
- 20. Vertical Integration (Value Added % Sales) 21. Research & Development Investment % Sales
- 22. Capital Expenditure Investment % of Sales
- 23. Marketing Costs as a % of Sales
- 24. Current Ratio (Current Assets/Liabilities)

- 25. Quick Ratio
- 26. Borrowing Ratio Total Debt ratio of Net Worth)
- 27. Equity Ratio (Shareholders Funds: Total Liabilities)
- 28. Income Gearing
- 29. Total Debt as a ratio of Working Capital
- 30. Debt Gearing Ratio (Long Term Loans: Net Worth)
- 31. Average Remuneration (all employees)
- 32. Profit per Employee
- 33. Sales per Employee
- 34. Remunerations / Sales
- 35. Fixed Assets per Employee
- 36. Capital Employed per Employee
- 37. Total Assets per Employee
- 38. Value of Average Investment per Employee
- 39. Value Added per Employee
- 40. Materials Costs as a % of Sales
- 41. Wage Costs as a % of Sales
- 42. Payroll and Wages as a Ratio to Materials
- 43. Variable Costs as a % of Sales
- 44. Fixed Costs as a % of Sales
- 45. Fixed Costs as a Ratio of Variable Costs
- 46. Distribution Costs as a % of Sales
- 47. Warehousing Costs as a % of Sales
- 48. Physical Costs as a % of Sales
- 49. Fixed as a Ratio of Variable Distribution Costs
- 50. Fixed as a Ratio of Variable Warehousing Costs
- 51. Fixed as a Ratio of Variable Physical Costs
- 52. Fixed Ratio of Variable Total Distribution Costs
- 53. Product Returns Costs % of Sales
- 54. Product Installation Costs as a % of Sales
- 55. Product Breakdown Costs as a % of Sales
- 56. Product Systems Costs as a % of Sales
- 57. Product Service & Associated Costs % of Sales
- 58. Customer & Associated Costs % Sales
- 59. Work in Progress / Materials Ratio Finished Products
- 60. Stock

- 85. Pre-tax Profit Margins
- 86. Operating Profit Margin
- 87. Trading Profit Margin
- 88. Return on Investment
- 89. Assets Utilisation (Sales: Total Assets)
- 90. Sales / Fixed Assets Materials Ratio Work in Progress
- 91. Stock Turnover (Sales as a ratio of Stocks)
- 92. Credit Period
- 93. Creditors' Ratio
- 94. Default Debtors Ratio of Total Debtors
- 95. Un-Recoverable Debts Ratio of Total Debts
- 96. Working Capital / Sales
- 97. Materials & Energy Costs as a % of Sales
- 98. Added Value
- 99. Investment as a Ratio of Added Value
- 100. Value of Plant & Equipment as a % of Sales
- 101. Vertical Integration Ratio
- 102. Research & Development Investment as a % of Sales
- 103. Capital Expenditure Investment % Sales
- 104. Marketing Costs as a % of Sales
- 105. Current Ratio
- 106. Quick Ratio
- 107. Borrowing Ratio
- 108. Equity Ratio
- 109. Income Gearing
- 110. Total Debt as a ratio of Working Capital
- 111. Debt Gearing Ratio
- 112. Average Remuneration (all employees)
- 113. Profit per Employee
- 114. Sales per Employee
- 115. Remunerations / Sales
- 116. Fixed Assets per Employee
- 117. Capital Employed per Employee
- 118. Total Assets per Employee
- 119. Value of Average Investment / Employee
- 120. Value Added per Employee

5. Additional Data

The client can specify information as needed.

This section can be used to specify non-Market or non-Corporate data and research, for example:-

- Product Data
- Distribution Data
- Processes
- Technologies
- Macro-Economic Issues
- Political Issues
- National Legislation and Regulations
- Product Certification and Conformity Issues
- Demographic Data
- Physical & Geographical data (for example, Highways, Elevations, et al)
- Business Resources
- Et cetera...

Database Products supported by the After-Sales Service

The After-Sales Service support all products and databases, including those shown below.

Database Compatibility

The increased use of Database Management Systems, Business Planning and Control Systems, Enterprise Resource Planning, Management Information Systems, and other tools amongst management professionals has produced a critical need for the harmonisation of data across various software applications and systems platforms. The After-Sales Service ensures that its output, where required, will be fully compatible with every product and database.

For this reason all the databases use harmonised database and data sets; thereby users can obtain any database from any of the publishers, for any of their brands, with the assurance that these databases are fully compatible and can be used in conjunction with one another and the various platforms, operating systems and software.



































Since 2007, we have undertaken the harmonisation and convergence of the database specifications and definitions of the various database providers. This is to allow users a uniform and standardised reference to use with their planning and forecasting; and to allow cross-database functionality.

The data sets, modules and standards shown are now fully harmonised and standardised to allow data and software interflow and cross-platform usage of the databases. Users may obtain older data dictionaries and standards, and/or data sets and data dictionaries for their own national standards. The standard product and market definitions have been harmonised and are provided (in the standard database products supplied), often as the NAICS classifications. Users wishing to remain with the previous SIC classifications may obtain these databases under that classification system. Users requiring other (U.N., European, Japanese, et cetera) classification definitions and norms may obtain those as necessary. Accounting standards are also harmonised according to the U.S. regulatory norms; however other norms are available. Data dictionary and data definition bridges and converters are available to allow users to update or standardise their databases. We have undertaken to maintain support for the older data dictionary standards and definitions until 2025; however users are urged to update at their earliest convenience.



Published by National Intelligence Networks. Copyright © by National Intelligence Networks. All rights reserved. No part of the contents of this document may be reproduced for third party distribution or transmitted to third parties in any form or by any means without the written permission of the publisher. These publications are available worldwide only through authorized distributors.

All trademarks are recognized and are used as only an identifier and as Fair Comment as allowed in United States copyright law and the decisions of the European Court. The copyright and trademarks of the U.S. Government Printing Office, Bureau of the Census, U.S. Department of Commerce, U.S. Office of Management and Budget, U.S. General Accounting Office, National Technical Information Service and other U.S. Government Departments and Agencies are recognized. The copyright and trademarks of all publishers and producers of ancillary documentation and software are recognized.