

PDF Express Edilion











Public Relations Agencies

NNExpress

The **IVEN** 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 Public Relations Agencies 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 Public relations agencies.

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	34
	Financial Data	35
	General Contents	36
	Database Edition Market Research Contents	37
	Databases & Structures	37

Spreadsheets	
Chapters	39
Countries	41
Methodology	44
Deliverables	44
About this Database	44
Real Time Support	44
Toolkits	45
Proprietary Software package compatibility	46
Resource Web	46
Research & Survey Methodology Analysis	47
Appendix 1 : Regional Report country coverage	48
Appendix 2 : About the After-Sales Service	49
Modular Research	49
1. Market Research	49
2. Distribution Channels & End Users Data	49
3. Survey Data	50
4. Corporate Data	51
5. Additional Data	55
Database Compatibility	56

Express Edition

Public Relations Agencies

NAICS / SIC / SERIES: 54182

This PDF Express edition has 458 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.

PUBLIC RELATIONS AGENCIES

1. Public relations agencies

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

Public Relations Agencies Report

The Public Relations Agencies 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 All significant Products & Markets are quantified in US\$, by each year (7 historic & 7 forecast years).

Financial data is provided for Public Relations Agencies, 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 Public Relations Agencies, by country, by year. The Industry Data is based on 19,099 Companies and Entities which Supply or Distribute Public Relations Agencies.

This Public Relations Agencies Report is a PDF Express Edition. 458 pages. Updated monthly.

Tables

- 1. World Market Historic : US\$ Million
- 2. World Market Forecast : US\$ Million
- 3. Canada & USA Market Historic : US\$ Million
- Canada & USA Market Forecast : US\$ Million 4.
- 5. Central America Market Historic : US\$ Million
- 6. Central America Market Forecast : US\$ Million
- 7. South America Market Historic : US\$ Million
- 8. South America Market Forecast : US\$ Million
- 9. Europe Market Historic : US\$ Million
- Europe Market Forecast : US\$ Million 10.
- 11. Eurasia Market Historic : US\$ Million
- 12. Eurasia Market Forecast : US\$ Million
- 21. Algeria Market Historic : US\$ Million
- 22. Algeria Market Forecast : US\$ Million
- 23. Algeria Financials Historic
- Algeria Financials Forecast 24.
- 25. Algeria Industry Norms
- Argentina Market Historic : US\$ Million 26.
- Argentina Market Forecast : US\$ Million 27.
- Argentina Financials Historic 28.
- 29. Argentina Financials Forecast
- 30. Argentina Industry Norms
- Australia Market Historic : US\$ Million 31.
- Australia Market Forecast : US\$ Million 32.
- 33. Australia Financials Historic
- 34. Australia Financials Forecast
- 35. Australia Industry Norms
- Austria Market Historic : US\$ Million 36. Austria Market Forecast : US\$ Million
- 37. Austria Financials Historic 38.
- Austria Financials Forecast 39.
- Austria Industry Norms 40.
- 41. Azerbaijan Market Historic : US\$ Million
- 42. Azerbaijan Market Forecast : US\$ Million
- 43. Azerbaijan Financials Historic
- 44. Azerbaijan Financials Forecast
- 45. Azerbaijan Industry Norms

- 13. Middle East Market Historic : US\$ Million
- Middle East Market Forecast : US\$ Million 14.
- Africa Market Historic : US\$ Million 15.
- Africa Market Forecast : US\$ Million 16.
- 17. Asia Market Historic : US\$ Million
- 18. Asia Market Forecast : US\$ Million
- Oceania Market Historic : US\$ Million 19.
- 20. Oceania Market Forecast : US\$ Million
- 46. Bahrain Market Historic : US\$ Million
- 47. Bahrain Market Forecast : US\$ Million
- 48. **Bahrain Financials Historic**
- **Bahrain Financials Forecast** 49.
- 50. **Bahrain Industry Norms**
- Bangladesh Market Historic : US\$ Million 51.
- Bangladesh Market Forecast : US\$ Million 52.
- Bangladesh Financials Historic 53.
- 54. **Bangladesh Financials Forecast**
- 55. Bangladesh Industry Norms
- Belarus Market Historic : US\$ Million 56.
- 57. Belarus Market Forecast : US\$ Million
- 58. **Belarus Financials Historic Belarus Financials Forecast** 59.
- 60. Belarus Industry Norms
- 61.
- Belgium Market Historic : US\$ Million 62. Belgium Market Forecast : US\$ Million
- 63. Belgium Financials Historic
- **Belgium Financials Forecast** 64.
- Belgium Industry Norms 65.
- 66. Bolivia Market Historic : US\$ Million
- Bolivia Market Forecast : US\$ Million 67.
- 68. **Bolivia Financials Historic**
- 69. **Bolivia Financials Forecast**
- 70. **Bolivia Industry Norms**

- 71. Bosnia & Herzegovina Market Historic : US\$ Million Bosnia & Herzegovina Market Forecast : US\$ Million 72. 73. Bosnia and Herzegovina Financials Historic Bosnia and Herzegovina Financials Forecast 74. 75. Bosnia and Herzegovina Industry Norms 76. Botswana Market Historic : US\$ Million Botswana Market Forecast : US\$ Million 77. 78. Botswana Financials Historic **Botswana Financials Forecast** 79. Botswana Industry Norms 80. Brazil Market Historic : US\$ Million 81. Brazil Market Forecast : US\$ Million 82. **Brazil Financials Historic** 83. 84. **Brazil Financials Forecast** Brazil Industry Norms 85. Bulgaria Market Historic : US\$ Million 86. Bulgaria Market Forecast : US\$ Million 87. Bulgaria Financials Historic 88. 89. **Bulgaria Financials Forecast** Bulgaria Industry Norms 90. 91. Cambodia Market Historic : US\$ Million 92. Cambodia Market Forecast : US\$ Million Cambodia Financials Historic 93. 94. Cambodia Financials Forecast 95. Cambodia Industry Norms Canada Market Historic : US\$ Million 96. 97. Canada Market Forecast : US\$ Million Canada Financials Historic 98. 99. Canada Financials Forecast Canada Industry Norms 100. 101. Chile Market Historic : US\$ Million Chile Market Forecast : US\$ Million 102. Chile Financials Historic 103. 104. **Chile Financials Forecast** 105. Chile Industry Norms China Market Historic : US\$ Million 106. China Market Forecast : US\$ Million 107. 108. China Financials Historic China Financials Forecast 109. 110. China Industry Norms Colombia Market Historic : US\$ Million 111. Colombia Market Forecast : US\$ Million 112. **Colombia Financials Historic** 113. 114. **Colombia Financials Forecast Colombia Industry Norms** 115. Costa Rica Market Historic : US\$ Million 116. Costa Rica Market Forecast : US\$ Million 117. 118. Costa Rica Financials Historic 119. Costa Rica Financials Forecast Costa Rica Industry Norms 120. 121. Croatia Market Historic : US\$ Million Croatia Market Forecast : US\$ Million 122. Croatia Financials Historic 123. 124. **Croatia Financials Forecast** Croatia Industry Norms 125. Cuba Market Historic : US\$ Million 126. Cuba Market Forecast : US\$ Million 127. Cuba Financials Historic 128.
- Cuba Financials Forecast 129.
- 130. Cuba Industry Norms

- 131. Cyprus Market Historic : US\$ Million Cyprus Market Forecast : US\$ Million 132. 133. Cyprus Financials Historic Cyprus Financials Forecast 134. 135. Cyprus Industry Norms 136. Czech Republic Market Historic : US\$ Million Czech Republic Market Forecast : US\$ Million 137. 138. **Czech Republic Financials Historic Czech Republic Financials Forecast** 139. Czech Republic Industry Norms 140. Denmark Market Historic : US\$ Million 141. Denmark Market Forecast : US\$ Million 142. **Denmark Financials Historic** 143. 144. Denmark Financials Forecast 145. Denmark Industry Norms Ecuador Market Historic : US\$ Million 146. Ecuador Market Forecast : US\$ Million 147. 148. Ecuador Financials Historic 149. **Ecuador Financials Forecast** Ecuador Industry Norms 150. 151. Egypt Market Historic : US\$ Million 152. Egypt Market Forecast : US\$ Million 153. Egypt Financials Historic 154. Egypt Financials Forecast 155. Egypt Industry Norms El Salvador Market Historic : US\$ Million 156. 157. El Salvador Market Forecast : US\$ Million El Salvador Financials Historic 158. 159. El Salvador Financials Forecast El Salvador Industry Norms 160. 161. Estonia Market Historic : US\$ Million 162. Estonia Market Forecast : US\$ Million Estonia Financials Historic 163. 164. Estonia Financials Forecast 165. Estonia Industry Norms Finland Market Historic : US\$ Million 166. 167. Finland Market Forecast : US\$ Million 168. **Finland Financials Historic Finland Financials Forecast** 169. 170. Finland Industry Norms 171. France Market Historic : US\$ Million France Market Forecast : US\$ Million 172. France Financials Historic 173. 174. France Financials Forecast France Industry Norms 175. French Guiana Market Historic : US\$ Million 176. French Guiana Market Forecast : US\$ Million 177. 178. French Guiana Financials Historic French Guiana Financials Forecast 179. French Guiana Industry Norms 180. 181. Georgia Market Historic : US\$ Million 182. Georgia Market Forecast : US\$ Million Georgia Financials Historic 183. 184. Georgia Financials Forecast Georgia Industry Norms 185. Germany Market Historic : US\$ Million 186. 187. Germany Market Forecast : US\$ Million

 - Germany Financials Historic 188.
 - Germany Financials Forecast 189.
 - 190. Germany Industry Norms

191.	Ghana Market Historic : US\$ Million
192.	Ghana Market Forecast : US\$ Million
193.	Ghana Financials Historic
194.	Ghana Financials Forecast
195.	Ghana Industry Norms
196.	Greece Market Historic : US\$ Million
197.	Greece Market Forecast : US\$ Million
198.	Greece Financials Historic
199.	Greece Financials Forecast
200.	Greece Industry Norms
201.	Guyana Market Historic : US\$ Million
202.	Guyana Market Forecast : US\$ Million
203.	Guyana Financials Historic
204.	Guyana Financials Forecast
205.	Guyana Industry Norms
206.	Honduras Market Historic : US\$ Million
207.	Honduras Market Forecast : US\$ Million
208.	Honduras Financials Historic
209.	Honduras Financials Forecast
210. 211.	Honduras Industry Norms Hong Kong Market Historic : US\$ Million
211.	Hong Kong Market Forecast : US\$ Million
212.	Hong Kong Financials Historic
213.	Hong Kong Financials Forecast
215.	Hong Kong Industry Norms
216.	Hungary Market Historic : US\$ Million
217.	Hungary Market Forecast : US\$ Million
218.	Hungary Financials Historic
219.	Hungary Financials Forecast
220.	Hungary Industry Norms
221.	Iceland Market Historic : US\$ Million
222.	Iceland Market Forecast : US\$ Million
223.	Iceland Financials Historic
224.	Iceland Financials Forecast
225.	Iceland Industry Norms
226.	India Market Historic : US\$ Million
227.	India Market Forecast : US\$ Million
228.	India Financials Historic
229.	India Financials Forecast India Industry Norms
230. 231.	Indonesia Market Historic : US\$ Million
231.	Indonesia Market Forecast : US\$ Million
233.	Indonesia Financials Historic
234.	Indonesia Financials Forecast
235.	Indonesia Industry Norms
236.	Iran Market Historic : US\$ Million
237.	Iran Market Forecast : US\$ Million
238.	Iran Financials Historic
239.	Iran Financials Forecast
240.	Iran Industry Norms
241.	Ireland Market Historic : US\$ Million
242.	Ireland Market Forecast : US\$ Million
243.	Ireland Financials Historic
244.	Ireland Financials Forecast
245.	Ireland Industry Norms
246.	Israel Market Historic : US\$ Million
247.	Israel Market Forecast : US\$ Million
248. 249.	Israel Financials Historic Israel Financials Forecast
249. 250.	Israel Industry Norms
200.	

251. Italy Market Historic : US\$ Million 252. Italy Market Forecast : US\$ Million Italy Financials Historic 253. 254. **Italy Financials Forecast** 255. Italy Industry Norms 256. Jamaica Market Historic : US\$ Million 257. Jamaica Market Forecast : US\$ Million Jamaica Financials Historic 258. 259. Jamaica Financials Forecast 260. Jamaica Industry Norms Japan Market Historic : US\$ Million 261. Japan Market Forecast : US\$ Million 262. 263. Japan Financials Historic Japan Financials Forecast 264. 265. Japan Industry Norms Kazakhstan Market Historic : US\$ Million 266. 267. Kazakhstan Market Forecast : US\$ Million Kazakhstan Financials Historic 268. 269. Kazakhstan Financials Forecast 270. Kazakhstan Industry Norms Kenya Market Historic : US\$ Million 271. 272. Kenya Market Forecast : US\$ Million 273. Kenya Financials Historic Kenya Financials Forecast 274. 275. Kenya Industry Norms 276. Kuwait Market Historic : US\$ Million Kuwait Market Forecast : US\$ Million 277. 278. Kuwait Financials Historic 279. Kuwait Financials Forecast Kuwait Industry Norms 280. Kyrgyzstan Market Historic : US\$ Million 281. 282. Kyrgyzstan Market Forecast : US\$ Million 283. Kyrgyzstan Financials Historic Kyrgyzstan Financials Forecast 284. Kyrgyzstan Industry Norms 285. 286. Laos Market Historic : US\$ Million Laos Market Forecast : US\$ Million 287. 288. Laos Financials Historic 289. Laos Financials Forecast Laos Industry Norms 290. 291. Latvia Market Historic : US\$ Million 292. Latvia Market Forecast : US\$ Million Latvia Financials Historic 293. 294. Latvia Financials Forecast 295. Latvia Industry Norms Lebanon Market Historic : US\$ Million 296. Lebanon Market Forecast : US\$ Million 297. Lebanon Financials Historic 298. 299. Lebanon Financials Forecast Lebanon Industry Norms 300. Lithuania Market Historic : US\$ Million 301. Lithuania Market Forecast : US\$ Million 302. Lithuania Financials Historic 303. Lithuania Financials Forecast 304. 305. Lithuania Industry Norms Luxembourg Market Historic : US\$ Million 306. Luxembourg Market Forecast : US\$ Million 307. 308. Luxembourg Financials Historic Luxembourg Financials Forecast 309. Luxembourg Industry Norms 310.

Tables	Tables			
311.	Malawi Market Historic : US\$ Million			
312.	Malawi Market Forecast : US\$ Million			
313.	Malawi Financials Historic			
314.	Malawi Financials Forecast			
315.	Malawi Industry Norms			
316.	Malaysia Market Historic : US\$ Million			
317.	Malaysia Market Forecast : US\$ Million			
318.	Malaysia Financials Historic			
319.	Malaysia Financials Forecast			
320.	Malaysia Industry Norms			
321.	Mexico Market Historic : US\$ Million			
322.	Mexico Market Forecast : US\$ Million			
323.	Mexico Financials Historic			
324.	Mexico Financials Forecast			
325.	Mexico Industry Norms			
326.	Morocco Market Historic : US\$ Million			
327.	Morocco Market Forecast : US\$ Million			
328.	Morocco Financials Historic			
329.	Morocco Financials Forecast			
330.	Morocco Industry Norms			
331.	Netherlands Market Historic : US\$ Million			
332.	Netherlands Market Forecast : US\$ Million			
333.	Netherlands Financials Historic			
334.	Netherlands Financials Forecast			
335.	Netherlands Industry Norms			
336.	New Zealand Market Historic : US\$ Million			
337.	New Zealand Market Forecast : US\$ Million			
338.	New Zealand Financials Historic			
339.	New Zealand Financials Forecast			
340.	New Zealand Industry Norms			
341.	Nicaragua Market Historic : US\$ Million			
342.	Nicaragua Market Forecast : US\$ Million			
343.	Nicaragua Financials Historic			
344.	Nicaragua Financials Forecast			
345.	Nicaragua Industry Norms			
346.	Nigeria Market Historic : US\$ Million			
347.	Nigeria Market Forecast : US\$ Million			
348.	Nigeria Financials Historic			
349.	Nigeria Financials Forecast			
350.	Nigeria Industry Norms			
351.	Norway Market Historic : US\$ Million			
352.	Norway Market Forecast : US\$ Million			
353.	Norway Financials Historic			
354.	Norway Financials Forecast			
355.	Norway Industry Norms			
356.	Pakistan Market Historic : US\$ Million			
357.	Pakistan Market Forecast : US\$ Million			
358.	Pakistan Financials Historic			
359.	Pakistan Financials Forecast			
360.	Pakistan Industry Norms			
361.	Panama Market Historic : US\$ Million			
362.	Panama Market Forecast : US\$ Million			
363.	Panama Financials Historic			
364.	Panama Financials Forecast			
365.	Panama Industry Norms			
366.	Paraguay Market Historic : US\$ Million			
367.	Paraguay Market Forecast : US\$ Million			
368.	Paraguay Financials Historic			
369.	Paraguay Financials Forecast			
370.	Paraguay Industry Norms			

371.	Peru Market Historic : US\$ Million
372.	Peru Market Forecast : US\$ Million
373.	Peru Financials Historic
374.	Peru Financials Forecast
375.	Peru Industry Norms
376.	Philippines Market Historic : US\$ Million
377.	Philippines Market Forecast : US\$ Million
378.	Philippines Financials Historic
379.	Philippines Financials Forecast
380.	Philippines Industry Norms
381.	Poland Market Historic : US\$ Million
382.	Poland Market Forecast : US\$ Million
383.	Poland Financials Historic
384.	Poland Financials Forecast
385.	Poland Industry Norms
386.	Portugal Market Historic : US\$ Million
387.	Portugal Market Forecast : US\$ Million
388.	Portugal Financials Historic
389.	Portugal Financials Forecast
390.	Portugal Industry Norms
391.	Romania Market Historic : US\$ Million
392.	Romania Market Forecast : US\$ Million
393.	Romania Financials Historic
394.	Romania Financials Forecast
395.	Romania Industry Norms
396.	Russia Market Historic : US\$ Million
397.	Russia Market Forecast : US\$ Million
398.	Russia Financials Historic
399.	Russia Financials Forecast
400. 401.	Russia Industry Norms
401. 402.	Saudi Arabia Market Historic : US\$ Million Saudi Arabia Market Forecast : US\$ Million
402. 403.	Saudi Arabia Market Polecast . 035 Million
403. 404.	Saudi Arabia Financials Firstone
405.	Saudi Arabia Industry Norms
406.	Serbia & Montenegro Market Historic : US\$ Million
407.	Serbia & Montenegro Market Forecast : US\$ Million
408.	Serbia and Montenegro Financials Historic
409.	Serbia and Montenegro Financials Forecast
410.	Serbia and Montenegro Industry Norms
411.	Singapore Market Historic : US\$ Million
412.	Singapore Market Forecast : US\$ Million
413.	Singapore Financials Historic
414.	Singapore Financials Forecast
415.	Singapore Industry Norms
416.	Slovakia Market Historic : US\$ Million
417.	Slovakia Market Forecast : US\$ Million
418.	Slovakia Financials Historic
419.	Slovakia Financials Forecast
420.	Slovakia Industry Norms
421.	Slovenia Market Historic : US\$ Million
422.	Slovenia Market Forecast : US\$ Million
423.	Slovenia Financials Historic
424.	Slovenia Financials Forecast
425.	Slovenia Industry Norms
426.	South Africa Market Historic : US\$ Million
427.	South Africa Market Forecast : US\$ Million
428.	South Africa Financials Historic

429. South Africa Financials Forecast430. South Africa Industry Norms

Tables			
431.	South Korea Market Historic : US\$ Million		
432.	South Korea Market Forecast : US\$ Million		
433.	South Korea Financials Historic		
434.	South Korea Financials Forecast		
435.	South Korea Industry Norms		
436.	Spain Market Historic : US\$ Million		
437.	Spain Market Forecast : US\$ Million		
438.	Spain Financials Historic		
439.	Spain Financials Forecast		
440.	Spain Industry Norms		
441.	Sri Lanka Market Historic : US\$ Million		
442.	Sri Lanka Market Forecast : US\$ Million		
443.	Sri Lanka Financials Historic		
444.	Sri Lanka Financials Forecast		
445.	Sri Lanka Industry Norms		
446.	Suriname Market Historic : US\$ Million		
447.	Suriname Market Forecast : US\$ Million		
448.	Suriname Financials Historic		
449.	Suriname Financials Forecast		
450.	Suriname Industry Norms		
451.	Sweden Market Historic : US\$ Million		
452.	Sweden Market Forecast : US\$ Million		
453.	Sweden Financials Historic		
454.	Sweden Financials Forecast		
455.	Sweden Industry Norms		
456.	Switzerland Market Historic : US\$ Million		
457.	Switzerland Market Forecast : US\$ Million		
458.	Switzerland Financials Historic		
459.	Switzerland Financials Forecast		
460.	Switzerland Industry Norms		
461.	Taiwan Market Historic : US\$ Million		
462.	Taiwan Market Forecast : US\$ Million		
463.	Taiwan Financials Historic		
464.	Taiwan Financials Forecast		
465.	Taiwan Industry Norms		
466.	Tanzania Market Historic : US\$ Million		
467.	Tanzania Market Forecast : US\$ Million		
468.	Tanzania Financials Historic		
469.	Tanzania Financials Forecast		
470.	Tanzania Industry Norms		
471.	Thailand Market Historic : US\$ Million		
472.	Thailand Market Forecast : US\$ Million		
473.	Thailand Financials Historic		
474.	Thailand Financials Forecast		
475.	Thailand Industry Norms		
476.	Tunisia Market Historic : US\$ Million		
477.	Tunisia Market Forecast : US\$ Million		
478.	Tunisia Financials Historic		
479.	Tunisia Financials Forecast		
480.	Tunisia Industry Norms		
481.	Turkey Market Historic : US\$ Million		
482.	Turkey Market Forecast : US\$ Million		
483.	Turkey Financials Historic		
484.	Turkey Financials Forecast		
485.	Turkey Industry Norms		

- 486. Uganda Market Historic : US\$ Million 487. Uganda Market Forecast : US\$ Million 488. Uganda Financials Historic 489. Uganda Financials Forecast Uganda Industry Norms 490. 491. Ukraine Market Historic : US\$ Million 492. Ukraine Market Forecast : US\$ Million Ukraine Financials Historic 493. 494. **Ukraine Financials Forecast** 495. Ukraine Industry Norms United Arab Emirates Market Historic : US\$ Million 496. United Arab Emirates Market Forecast : US\$ Million 497. 498. United Arab Emirates Financials Historic United Arab Emirates Financials Forecast 499. 500. United Arab Emirates Industry Norms 501. United Kingdom Market Historic : US\$ Million United Kingdom Market Forecast : US\$ Million 502. United Kingdom Financials Historic 503. 504. United Kingdom Financials Forecast United Kingdom Industry Norms 505. United States Market Historic : US\$ Million 506. United States Market Forecast : US\$ Million 507. 508. United States Financials Historic United States Financials Forecast 509. 510. United States Industry Norms 511. Uruguay Market Historic : US\$ Million Uruguay Market Forecast : US\$ Million 512. 513. Uruguay Financials Historic Uruguay Financials Forecast 514. Uruguay Industry Norms 515. Uzbekistan Market Historic : US\$ Million 516. 517. Uzbekistan Market Forecast : US\$ Million 518. Uzbekistan Financials Historic Uzbekistan Financials Forecast 519. Uzbekistan Industry Norms 520. 521. Venezuela Market Historic : US\$ Million Venezuela Market Forecast : US\$ Million 522. 523. Venezuela Financials Historic 524. Venezuela Financials Forecast 525. Venezuela Industry Norms 526. Vietnam Market Historic : US\$ Million 527. Vietnam Market Forecast : US\$ Million Vietnam Financials Historic 528. 529. Vietnam Financials Forecast 530. Vietnam Industry Norms Zambia Market Historic : US\$ Million 531. Zambia Market Forecast : US\$ Million 532.
- 533. Zambia Financials Historic
- 534. Zambia Financials Forecast
- 535. Zambia Industry Norms

Countries Covered

Algeria Argentina Australia Austria Azerbaiian Bahrain Bangladesh **Belarus** Belgium Bolivia Bosnia & Herzegovina Botswana Brazil Bulgaria Cambodia Canada Chile Colombia Costa Rica Croatia Cuba Cyprus Czech Republic Denmark Ecuador Egypt El Salvador Estonia Finland France French Guiana Georgia Germany Ghana

Greece Guyana Honduras Hong Kong Hungary Iceland India Indonesia Iran Ireland Israel Italy Jamaica Japan Kazakhstan Kenya **Kuwait** Kyrgyzstan Laos Latvia Lebanon Lithuania Luxembourg Malawi Malaysia Mexico Morocco New Zealand Nicaragua Nigeria Norway Pakistan Panama Paraguay

Peru Philippines Poland Portugal Romania Russia Saudi Arabia Serbia & Montenegro Singapore Slovakia Slovenia South Africa South Korea Spain Sri Lanka Suriname Sweden Switzerland Taiwan Tanzania Thailand The Netherlands Tunisia Turkey Uganda Ukraine **United Arab Emirates** United Kingdom **United States** Uruguay Uzbekistan Venezuela Vietnam Zambia

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	3. Market/s Serviced
2. Market Structure	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, macro-economic 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 19,099 worldwide companies and organisations (Suppliers and Distribution Channel members).

ALL FINANCIAL DATA FIGURES ARE IN REAL TERMS

FINANCIAL BALANCE SHEETS

Row	TITLE	LEGEND
	TOTAL SALES	
1	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.	
2	DOMESTIC SALES	% Sales
3	EXPORTS	% Sales
4	PRE-TAX PROFIT	% Sales
5	INTEREST PAID	% Sales
6	NON-TRADING INCOME	% Sales
7	OPERATING PROFIT	% Sales
8	DEPRECIATION: STRUCTURES	% Sales
9	DEPRECIATION: PLANT AND EQUIPMENT	% Sales
10	DEPRECIATION: MISCELLANEOUS ITEMS	% Sales
11	TOTAL DEPRECIATION	% Sales
12	TRADING PROFIT	% Sales
13	INTANGIBLE ASSETS	% Sales
14	INTERMEDIATE ASSETS	% Sales
15	FIXED ASSETS: STRUCTURES	% Sales
16	FIXED ASSETS: PLANT AND EQUIPMENT	% Sales
17	FIXED ASSETS: MISCELLANEOUS ITEMS	% Sales
18	FIXED ASSETS	% Sales
19	CAPITAL EXPENDITURE ON STRUCTURES	% Sales
20	CAPITAL EXPENDITURE ON PLANT AND EQUIPMENT	% Sales
21	CAPITAL EXPENDITURE ON VEHICLES	% Sales
22	CAPITAL EXPENDITURE ON DATA PROCESSING EQUIPMENT	% Sales
23	CAPITAL EXPENDITURE ON MISCELLANEOUS ITEMS	% Sales

Row	TITLE	LEGEND
24	TOTAL CAPITAL EXPENDITURE	% Sales
24	RETIREMENTS: STRUCTURES	% Sales
26	RETIREMENTS: PLANT AND EQUIPMENT	% Sales
20	RETIREMENTS: MISCELLANEOUS ITEMS	% Sales
27	TOTAL RETIREMENTS	% Sales
	TOTAL REFIREMENTS	
29		% 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		% Sales
40	MISCELLANEOUS CURRENT LIABILITIES	% Sales
41		% Sales
42	NET ASSETS / CAPITAL EMPLOYED	% Sales
43	SHAREHOLDERS FUNDS	% Sales
44		% Sales
45	MISCELLANEOUS LONG TERM LIABILITIES	% Sales
46	WORKERS	persons
47		Hours
48		% of Annual
49	WORK IN 2ND QUARTER	% of Annual
50	WORK IN 3RD QUARTER	% of Annual
51		% of Annual
52		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 60		% Sales
60 61	DIRECTORS' REMUNERATIONS	% Sales
61 62		% Sales
62	COMMISSIONS & INCENTIVES PAID	% Sales
63	TOTAL REMUNERATIONS	% Sales
64	SUB CONTRACTORS	% Sales
6F		0/ 60/00
65 66	RENTAL & LEASING: STRUCTURES	% Sales
66	RENTAL & LEASING: PLANT AND EQUIPMENT	% Sales

88 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 EXPENSES AND COSTS % Sales 76 SALES EXPENSES AND COSTS % Sales 77 TOTAL SALES COSTS % Sales 78 DISTRIBUTION VARIABLE 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 FIXED COSTS % Sales 85 PHYSICAL PROCESS SIZED COSTS % Sales 86 TOTAL DISTRIBUTION AND HANDLING COSTS % Sales 87 MAILING & CORRESPONDENCE COSTS % Sales 88 MEDIA ADVERTISING MATERIALS & PRINT COSTS % Sales 89 ADVERTISING MATERIALS & PRINT COSTS % Sa	Row	TITLE	LEGEND
99 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 MATERIALS 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 81 WAREHOUSING FIXED COSTS % Sales 82 PHYSICAL HANDLING VARIABLE 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 MALING & CORRESPONDENCE COSTS % Sales 88 MEDIA ADVERTISING COSTS % Sales 90 POS & DISPLAY COSTS % Sales 91 FONDUCT INSTALLATION COSTS % Sales 92<	68	MAINTENANCE: STRUCTURES	
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 ANTERIALS COSTS % Sales 77 TOTAL SALES COSTS % Sales 78 DISTRIBUTION VARIABLE COSTS % Sales 79 DISTRIBUTION VARIABLE COSTS % Sales 80 WAREHOUSING FIXED COSTS % Sales 81 WAREHOUSING VARIABLE COSTS % Sales 82 PHYSICAL HANDLING VARIABLE COSTS % Sales 84 PHYSICAL HANDLING VARIABLE COSTS % Sales 85 PHYSICAL PROCESS VARIABLE COSTS % Sales 86 TOTAL DISTRIBUTION AND HANDLING COSTS % Sales 86 MALING & CORRESPONDENCE COSTS % Sales 87 MALING & CORRESPONDENCE COSTS % Sales 89 ADVERTISING MATERIALS & PRINT COSTS % Sales 80 PODUCT STRIMATERIA	69		
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 FIXED COSTS % Sales 79 DISTRIBUTION VARIABLE COSTS % Sales 80 WAREHOUSING FIXED COSTS % Sales 81 WAREHOUSING VARIABLE COSTS % Sales 82 PHYSICAL HANDLING 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 ADVERTISING GOSTS % Sales 89 ADVERTISING COSTS % Sales 89 ADVERTISING COSTS % Sales 91 EXHIBITION & EVENTS COSTS % Sales 92 TOTAL ADVERTISING COSTS % Sales	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 FIXED COSTS % Sales 79 DISTRIBUTION VARIABLE COSTS % Sales 80 WAREHOUSING FIXED COSTS % Sales 81 WAREHOUSING VARIABLE COSTS % Sales 82 PHYSICAL HANDLING 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 ADVERTISING GOSTS % Sales 89 ADVERTISING COSTS % Sales 89 ADVERTISING COSTS % Sales 91 EXHIBITION & EVENTS COSTS % Sales 92 TOTAL ADVERTISING COSTS % Sales	71	SERVICES PURCHASED	
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 81 WAREHOUSING VARIABLE COSTS % Sales 82 PHYSICAL HANDLING VARIABLE 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 89 POS & DISPLAY COSTS % Sales 90 POS & DISPLAY COSTS % Sales 91 EXHIBITION & EVENTS COSTS % Sales 92 TOTAL ADVERTISING COSTS % Sales 93 PRODUCT INSTALLATION A REPIALS & PRINT COSTS % Sales 94 PRODUCT INSTALLATION & RE-INSTALLATION COSTS % Sales 95 PRODUCT INSTALLATION & REJORTINET </td <td>72</td> <td>COMMUNICATIONS COSTS</td> <td></td>	72	COMMUNICATIONS COSTS	
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 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 89 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 </td <td>73</td> <td>MISCELLANEOUS EXPENSES</td> <td>% Sales</td>	73	MISCELLANEOUS EXPENSES	% Sales
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 FIXED COSTS % Sales 81 WAREHOUSING VARIABLE COSTS % Sales 82 PHYSICAL HANDLING VARIABLE COSTS % Sales 84 PHYSICAL PROCESS FIXED 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 COSTS % Sales 95 PRODUCT SERVICE & MAINTENANCE COSTS % Sales	74	SALES PERSONNEL VARIABLE & COMMISSION COSTS	% Sales
77TOTAL SALES COSTS% Sales78DISTRIBUTION FIXED COSTS% Sales79DISTRIBUTION VARIABLE COSTS% Sales80WAREHOUSING FIXED COSTS% Sales81WAREHOUSING VARIABLE COSTS% Sales82PHYSICAL HANDLING FIXED COSTS% Sales83PHYSICAL HANDLING FIXED COSTS% Sales84PHYSICAL PROCESS FIXED COSTS% Sales85PHYSICAL PROCESS VARIABLE COSTS% Sales86TOTAL DISTRIBUTION AND HANDLING COSTS% Sales87MAILING & CORRESPONDENCE COSTS% Sales88MEDIA ADVERTISING COSTS% Sales89ADVERTISING MATERIALS & PRINT COSTS% Sales90POS & DISPLAY COSTS% Sales91EXHIBITION & EVENTS COSTS% Sales92TOTAL ADVERTISING COSTS% Sales93PRODUCT RETURNS & REJECTION COSTS% Sales94PRODUCT RETURNS & REJECTION COSTS% Sales95PRODUCT NETALLATION & RE-INSTALLATION COSTS% Sales96PRODUCT SYSTEMS & CONFIGURATION COSTS% Sales97PODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales90TOTAL MARKETING COSTS% Sales910NEW TECHNOLOGY EXPENDITURE% Sales92TOTAL AFTER-SALES COSTS% Sales93TOTAL AFTER-SALES COSTS% Sal	75	SALES EXPENSES AND COSTS	% Sales
74DISTRIBUTION FIXED COSTS% Sales79DISTRIBUTION VARIABLE COSTS% Sales80WAREHOUSING FIXED COSTS% Sales81WAREHOUSING VARIABLE COSTS% Sales82PHYSICAL HANDLING FIXED COSTS% Sales83PHYSICAL HANDLING VARIABLE COSTS% Sales84PHYSICAL PROCESS FIXED COSTS% Sales85PHYSICAL PROCESS VARIABLE COSTS% Sales86TOTAL DISTRIBUTION AND HANDLING COSTS% Sales87MAILING & CORRESPONDENCE COSTS% Sales88MEDIA ADVERTISING COSTS% Sales89ADVERTISING MATERIALS & PRINT COSTS% Sales90POS & DISPLAY COSTS% Sales91EXHIBITION & EVENTS COSTS% Sales92TOTAL ADVERTISING COSTS% Sales93PRODUCT RETURNS & REJECTION COSTS% Sales94PRODUCT INSTALLATION & POST INSTALLATION COSTS% Sales95PRODUCT SYSTEMS & CONFIGURATION COSTS% Sales96PRODUCT SYSTEMS & CONFIGURATION COSTS% Sales97PRODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales90TOTAL AFTER-SALES COSTS% Sales910NEW TECHNOLOGY EXPENDITURE% Sales9210NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales9310TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales942NEW PRODUCTION TECHNOLOGY EXPENDITURE%	76	SALES MATERIALS COSTS	% Sales
DISTRIBUTION VARIABLE COSTS% Sales80WAREHOUSING FIXED COSTS% Sales81WAREHOUSING VARIABLE COSTS% Sales82PHYSICAL HANDLING FIXED COSTS% Sales83PHYSICAL HANDLING VARIABLE COSTS% Sales84PHYSICAL PROCESS FIXED COSTS% Sales85PHYSICAL PROCESS VARIABLE COSTS% Sales86TOTAL DISTRIBUTION AND HANDLING COSTS% Sales87MAILING & CORRESPONDENCE COSTS% Sales88MEDIA ADVERTISING COSTS% Sales89ADVERTISING MATERIALS & PRINT COSTS% Sales90POS & DISPLAY COSTS% Sales91EXHIBITION & EVENTS COSTS% Sales92TOTAL ADVERTISING COSTS% Sales93PRODUCT RETURNS & REJECTION COSTS% Sales94PRODUCT RETURNS & REJECTION COSTS% Sales95PRODUCT SALLATION & RE-INSTALLATION COSTS% Sales96PRODUCT SYSTEMS & CONFIGURATION COSTS% Sales97PRODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales90TOTAL ARETING COSTS% Sales910TOTAL MARKETING COSTS% Sales92TOTAL AFTER-SALES COSTS% Sales93TOTAL AFTER-SALES COSTS% Sales94PRODUCT SERVICE & MAINTENANCE COSTS% Sales95PRODUCT SERVICE & MAINTENANCE COSTS% Sales96TOTAL AFTER-SALES COSTS<	77	TOTAL SALES COSTS	% Sales
80WAREHOUSING FIXED COSTS% Sales81WAREHOUSING VARIABLE COSTS% Sales82PHYSICAL HANDLING FIXED COSTS% Sales83PHYSICAL HANDLING VARIABLE COSTS% Sales84PHYSICAL PROCESS FIXED COSTS% Sales85PHYSICAL PROCESS VARIABLE COSTS% Sales86TOTAL DISTRIBUTION AND HANDLING COSTS% Sales87MAILING & CORRESPONDENCE COSTS% Sales88MEDIA ADVERTISING COSTS% Sales89ADVERTISING MATERIALS & PRINT COSTS% Sales90S SIPSLAY COSTS% Sales91EXHIBITION & EVENTS COSTS% Sales92TOTAL ADVERTISING COSTS% Sales93PRODUCT RETURNS & REJECTION COSTS% Sales94PRODUCT INSTALLATION & RE-INSTALLATION COSTS% Sales95PRODUCT SERVICE & MAINTENANCE COSTS% Sales96PRODUCT SERVICE & MAINTENANCE COSTS% Sales97PRODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales100TOTAL AFTER-SALES COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales <td>78</td> <td>DISTRIBUTION FIXED COSTS</td> <td>% Sales</td>	78	DISTRIBUTION FIXED COSTS	% Sales
WAREHOUSING VARIABLE COSTS% Sales82PHYSICAL HANDLING FIXED COSTS% Sales83PHYSICAL HANDLING VARIABLE COSTS% Sales84PHYSICAL PROCESS FIXED COSTS% Sales85PHYSICAL PROCESS VARIABLE COSTS% Sales86TOTAL DISTRIBUTION AND HANDLING COSTS% Sales87MAILING & CORRESPONDENCE COSTS% Sales88MEDIA ADVERTISING COSTS% Sales89ADVERTISING MATERIALS & PRINT COSTS% Sales90POS & DISPLAY COSTS% Sales91EXHIBITION & EVENTS COSTS% Sales92TOTAL ADVERTISING COSTS% Sales93PRODUCT RETURNS & REJECTION COSTS% Sales94PRODUCT INSTALLATION & RE-INSTALLATION COSTS% Sales95PRODUCT SERVICE & MAINTENANCE COSTS% Sales96PRODUCT SERVICE & MAINTENANCE COSTS% Sales97PRODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales100TOTAL AFTER-SALES COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	79	DISTRIBUTION VARIABLE COSTS	% Sales
82PHYSICAL HANDLING FIXED COSTS% Sales83PHYSICAL HANDLING VARIABLE COSTS% Sales84PHYSICAL PROCESS FIXED COSTS% Sales85PHYSICAL PROCESS VARIABLE COSTS% Sales86TOTAL DISTRIBUTION AND HANDLING COSTS% Sales87MAILING & CORRESPONDENCE COSTS% Sales88MEDIA ADVERTISING COSTS% Sales89ADVERTISING MATERIALS & PRINT COSTS% Sales90POS & DISPLAY COSTS% Sales91EXHIBITION & EVENTS COSTS% Sales92TOTAL ADVERTISING COSTS% Sales93PRODUCT RETURNS & REJECTION COSTS% Sales94PRODUCT INSTALLATION & RE-INSTALLATION COSTS% Sales95PRODUCT NSTALLATION & RE-INSTALLATION COSTS% Sales96PRODUCT SYSTEMS & CONFIGURATION COSTS% Sales97PRODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales90TOTAL AFTER-SALES COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS UTSIDE AGREED TERMS% Sales	80	WAREHOUSING FIXED COSTS	% Sales
83PHYSICAL HANDLING VARIABLE COSTS% Sales84PHYSICAL PROCESS FIXED COSTS% Sales85PHYSICAL PROCESS VARIABLE COSTS% Sales86TOTAL DISTRIBUTION AND HANDLING COSTS% Sales87MAILING & CORRESPONDENCE COSTS% Sales88MEDIA ADVERTISING COSTS% Sales89ADVERTISING MATERIALS & PRINT COSTS% Sales90POS & DISPLAY COSTS% Sales91EXHIBITION & EVENTS COSTS% Sales92TOTAL ADVERTISING COSTS% Sales93PRODUCT RETURNS & REJECTION COSTS% Sales94PRODUCT INSTALLATION & RE-INSTALLATION COSTS% Sales95PRODUCT BREAKDOWN & POST INSTALLATION COSTS% Sales96PRODUCT SERVICE & MAINTENANCE COSTS% Sales97PRODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales100TOTAL AFTER-SALES COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	81	WAREHOUSING VARIABLE COSTS	% Sales
AlPHYSICAL PROCESS FIXED COSTS% Sales85PHYSICAL PROCESS VARIABLE COSTS% Sales86TOTAL DISTRIBUTION AND HANDLING COSTS% Sales87MAILING & CORRESPONDENCE COSTS% Sales88MEDIA ADVERTISING COSTS% Sales89ADVERTISING MATERIALS & PRINT COSTS% Sales90POS & DISPLAY COSTS% Sales91EXHIBITION & EVENTS COSTS% Sales92TOTAL ADVERTISING COSTS% Sales93PRODUCT RETURNS & REJECTION COSTS% Sales94PRODUCT INSTALLATION & RE-INSTALLATION COSTS% Sales95PRODUCT BREAKDOWN & POST INSTALLATION COSTS% Sales96PRODUCT SYSTEMS & CONFIGURATION COSTS% Sales97PRODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales100TOTAL MARKETING COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	82	PHYSICAL HANDLING FIXED COSTS	% Sales
85PHYSICAL PROCESS VARIABLE COSTS% Sales86TOTAL DISTRIBUTION AND HANDLING COSTS% Sales87MAILING & CORRESPONDENCE COSTS% Sales88MEDIA ADVERTISING COSTS% Sales89ADVERTISING MATERIALS & PRINT COSTS% Sales90POS & DISPLAY COSTS% Sales91EXHIBITION & EVENTS COSTS% Sales92TOTAL ADVERTISING COSTS% Sales93PRODUCT RETURNS & REJECTION COSTS% Sales94PRODUCT INSTALLATION & RE-INSTALLATION COSTS% Sales95PRODUCT BREAKDOWN & POST INSTALLATION COSTS% Sales96PRODUCT SYSTEMS & CONFIGURATION COSTS% Sales97PRODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales100TOTAL MARKETING COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales107DEBTORS OUTSIDE AGREED TERMS% Sales	83	PHYSICAL HANDLING VARIABLE COSTS	% Sales
TotAL DISTRIBUTION AND HANDLING COSTS% Sales87MAILING & CORRESPONDENCE COSTS% Sales88MEDIA ADVERTISING COSTS% Sales89ADVERTISING MATERIALS & PRINT COSTS% Sales90POS & DISPLAY COSTS% Sales91EXHIBITION & EVENTS COSTS% Sales92TOTAL ADVERTISING COSTS% Sales93PRODUCT RETURNS & REJECTION COSTS% Sales94PRODUCT RETURNS & REJECTION COSTS% Sales95PRODUCT INSTALLATION & RE-INSTALLATION COSTS% Sales96PRODUCT SYSTEMS & CONFIGURATION COSTS% Sales97PRODUCT SYSTEMS & CONFIGURATION COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales99TOTAL MARKETING COSTS% Sales90TOTAL MARKETING COSTS% Sales910TOTAL MARKETING COSTS% Sales920TOTAL AFTER-SALES COSTS% Sales931TOTAL AFTER-SALES COSTS% Sales104NEW TECHNOLOGY EXPENDITURE% Sales105NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales106TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales107DEBTORS OUTSIDE AGREED TERMS% Sales	84	PHYSICAL PROCESS FIXED COSTS	% Sales
87MAILING & CORRESPONDENCE COSTS% Sales88MEDIA ADVERTISING COSTS% Sales89ADVERTISING MATERIALS & PRINT COSTS% Sales90POS & DISPLAY COSTS% Sales91EXHIBITION & EVENTS COSTS% Sales92TOTAL ADVERTISING COSTS% Sales93PRODUCT RETURNS & REJECTION COSTS% Sales94PRODUCT INSTALLATION & RE-INSTALLATION COSTS% Sales95PRODUCT BREAKDOWN & POST INSTALLATION COSTS% Sales96PRODUCT SYSTEMS & CONFIGURATION COSTS% Sales97PRODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales100TOTAL MARKETING COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	85	PHYSICAL PROCESS VARIABLE COSTS	% Sales
88MEDIA ADVERTISING COSTS% Sales89ADVERTISING MATERIALS & PRINT COSTS% Sales90POS & DISPLAY COSTS% Sales91EXHIBITION & EVENTS COSTS% Sales92TOTAL ADVERTISING COSTS% Sales93PRODUCT RETURNS & REJECTION COSTS% Sales94PRODUCT INSTALLATION & RE-INSTALLATION COSTS% Sales95PRODUCT BREAKDOWN & POST INSTALLATION COSTS% Sales96PRODUCT SYSTEMS & CONFIGURATION COSTS% Sales97PRODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales100TOTAL MARKETING COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	86	TOTAL DISTRIBUTION AND HANDLING COSTS	% Sales
89ADVERTISING MATERIALS & PRINT COSTS% Sales90POS & DISPLAY COSTS% Sales91EXHIBITION & EVENTS COSTS% Sales92TOTAL ADVERTISING COSTS% Sales93PRODUCT RETURNS & REJECTION COSTS% Sales94PRODUCT INSTALLATION & RE-INSTALLATION COSTS% Sales95PRODUCT BREAKDOWN & POST INSTALLATION COSTS% Sales96PRODUCT SYSTEMS & CONFIGURATION COSTS% Sales97PRODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales100TOTAL MARKETING COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	87	MAILING & CORRESPONDENCE COSTS	% Sales
POS & DISPLAY COSTS% Sales90POS & DISPLAY COSTS% Sales91EXHIBITION & EVENTS COSTS% Sales92TOTAL ADVERTISING COSTS% Sales93PRODUCT RETURNS & REJECTION COSTS% Sales94PRODUCT INSTALLATION & RE-INSTALLATION COSTS% Sales95PRODUCT BREAKDOWN & POST INSTALLATION COSTS% Sales96PRODUCT SYSTEMS & CONFIGURATION COSTS% Sales97PRODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales100TOTAL MARKETING COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	88	MEDIA ADVERTISING COSTS	% Sales
91EXHIBITION & EVENTS COSTS% Sales92TOTAL ADVERTISING COSTS% Sales93PRODUCT RETURNS & REJECTION COSTS% Sales94PRODUCT INSTALLATION & RE-INSTALLATION COSTS% Sales95PRODUCT BREAKDOWN & POST INSTALLATION COSTS% Sales96PRODUCT SYSTEMS & CONFIGURATION COSTS% Sales97PRODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales100TOTAL MARKETING COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	89	ADVERTISING MATERIALS & PRINT COSTS	% Sales
92TOTAL ADVERTISING COSTS% Sales93PRODUCT RETURNS & REJECTION COSTS% Sales94PRODUCT INSTALLATION & RE-INSTALLATION COSTS% Sales95PRODUCT BREAKDOWN & POST INSTALLATION COSTS% Sales96PRODUCT SYSTEMS & CONFIGURATION COSTS% Sales97PRODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales100TOTAL MARKETING COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	90	POS & DISPLAY COSTS	% Sales
93PRODUCT RETURNS & REJECTION COSTS% Sales94PRODUCT INSTALLATION & RE-INSTALLATION COSTS% Sales95PRODUCT BREAKDOWN & POST INSTALLATION COSTS% Sales96PRODUCT SYSTEMS & CONFIGURATION COSTS% Sales97PRODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales100TOTAL MARKETING COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	91	EXHIBITION & EVENTS COSTS	% Sales
94PRODUCT INSTALLATION & RE-INSTALLATION COSTS% Sales95PRODUCT BREAKDOWN & POST INSTALLATION COSTS% Sales96PRODUCT SYSTEMS & CONFIGURATION COSTS% Sales97PRODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales100TOTAL MARKETING COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	92	TOTAL ADVERTISING COSTS	% Sales
95PRODUCT BREAKDOWN & POST INSTALLATION COSTS% Sales96PRODUCT SYSTEMS & CONFIGURATION COSTS% Sales97PRODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales100TOTAL MARKETING COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	93	PRODUCT RETURNS & REJECTION COSTS	% Sales
96PRODUCT SYSTEMS & CONFIGURATION COSTS% Sales97PRODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales100TOTAL MARKETING COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	94	PRODUCT INSTALLATION & RE-INSTALLATION COSTS	% Sales
97PRODUCT SERVICE & MAINTENANCE COSTS% Sales98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales100TOTAL MARKETING COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	95	PRODUCT BREAKDOWN & POST INSTALLATION COSTS	% Sales
98CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS% Sales99TOTAL AFTER-SALES COSTS% Sales100TOTAL MARKETING COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	96	PRODUCT SYSTEMS & CONFIGURATION COSTS	% Sales
99TOTAL AFTER-SALES COSTS% Sales100TOTAL MARKETING COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS OUTSIDE AGREED TERMS% Sales	97	PRODUCT SERVICE & MAINTENANCE COSTS	% Sales
100TOTAL MARKETING COSTS% Sales101NEW TECHNOLOGY EXPENDITURE% Sales102NEW PRODUCTION TECHNOLOGY EXPENDITURE% Sales103TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE% Sales104TOTAL OPERATIONAL & PROCESS COSTS% Sales105DEBTORS WITHIN AGREED TERMS% Sales106DEBTORS 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% Sales% 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 UN-RECOVERABLE DEBTS % Sales	106	DEBTORS OUTSIDE AGREED TERMS	% 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 andb) current constraints (e.g. technology, work rules, labour practices, etc.)
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.

received, share of profit from associated companies; as well as Reserves adjustments, such as transfers from capital grant reserve, interest relief grants. NUMBER OF EMPLOYEES + THEIR The average number of employees together with their aggregate wages and salaries. OPERATING PROFIT MARGIN Operating profit as a percentage of sales. OPERATING PROFIT MARGIN Pre-tax profit plus interest, less non-trading income. PRE-TAX PROFIT Pre-tax profit grant reserve, interest, less non-trading profit grant escurits 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 Profit before tax divided by the number of employees. PURCHASE AMOUNT IMMEDIATE CUSTOMERS Product or Service R & D expenses plus Process R & D expenses expressed as a % of sales. QUICK RATIO Current assets less stocks as a ratio of current liabilities. Restarce and sale with receiver a divided by the number of employees. RESEARCH & DEVELOPMENT Product or Service R & D expenses plus Process R & D expenses expressed as a % of sales. REAL MARKET GROWTH RATE The annual growth rate of the size of served market, deflated by the selling price index, expressed and percentage. REAL MARKET GROWTH RATE The average of lowerly wage rates and salary levels relative to competitors. Competitors' wage rates and salar	TERM LIABILITIES isabilities and charges due. NET ASSETS The net assets employed are obtained by subtracting total current liabilities from the total assets. NET WORTH Equals shareholders' funds less the intangible assets. NEW PRODUCT SALES / SALES Parcentage of sales accounted for by new products. New products are those products introduce during the three preceding years. NEWNESS OF PLANT & EQUIPMENT (NEV / GBW) Newness of plant and equipment, measured as the ratio of Net Book Value to Gross Book Value EQUIPMENT (NEV / GBW) NON-TRADING INCOME Comprises investment income received, such as income from quoted & unquoted investments, sceaved, share of profit from associated companies; as well as Reserves adjustments, such as transfers from capital grant reserve, interest relief grants. NUMBER OF EMPLOYEES + THEIR REMUNERATION Deperating profit as a percentage of sales. OPERATING PROFIT Pre-tax profit plus interest, less non-trading income. PRE-TAX PROFIT MARGIN Pre-tax profit as a percentage of sales. PRE-TAX PROFIT The net trading profit as a percentage of sales. PRE-TAX PROFIT The net trading profit incom associated companies. Interest described as exceptional are included. Those describe losses of associated companies. Interest described as exceptional are includes. PROFIT / EMPLOYEES Profit before dav/divide by the number of employees. PURCHASE KMOUNT IMMEDIATE CU		
NET WORTH Equals shareholders' funds less the intangible assets. NEW PRODUCT SALES / SALES Percentage of sales accounted for by new products. New products are those products introduced during the three preceding years. NEWNESS OF PLANT & EQUIPMENT (NEV / GBW) Newness of plant and equipment, measured as the ratio of Net Book Value to Gross Book Value. NON-TRADING INCOME Comprises Investment income received, such as income from quoted & unquoted investments, ror received, share of profit from associated companies, as well as Reserves adjustments, such as transfers from capital grant reserve, interest relief grants. NUMBER OF EMPLOYEES + THEIR REMUNERATION The average number of employees together with their aggregate wages and salaries. OPERATING PROFIT PRE-TAX PROFIT Operating profit as a percentage of sales. PRE-TAX PROFIT MARGIN Pre-tax profit plus interest, less non-trading income. PRE-TAX PROFIT The net trading profit figure declared after deducting all operating expenses including depreciations. Consolidated data is included where applicable in respect of the share of profits & sess of associated companies. Items described as exceptional are included. Those described as extraordinary items are excluded. PROFIT / EMPLOYEES Profit before tax divided by the number of employees. PURCHASE AMOUNT IMMEDIATE CUSTOMERS Current assets less stocks as a ratio of current liabilities. RESEARCH & DEVELOPMENT EXPENSES / SALES Product or Service R A D expenses plus Process R & D exp	NET WORTH Equals shareholders' funds less the intangible assets. NEW PRODUCT SALES Percentage of sales accounced for by new products. New products are those products introduce during the three preceding years. NEWNESS OF PLANT & Nawness of plant and equipment, measured as the ratio of Net Book Value to Gross Book Value COUPSES + THEIR STANDING INCOME Comprises Investment income received, such as income from quoted & unquoted investments, such as tracelered, share of profit from associated companies; as well as Reserves adjustments, such as transfers from capital grant reserve, interest relief grants. NUMBER OF EMPLOYEES + THEIR REMUNERATION Coperating profit as a percentage of sales. OPERATING PROFIT Operating profit as a percentage of sales. OPERATING PROFIT Pre-tax profit plus interest, less non-trading income. PRE-TAX PROFIT The net trading profit grue declared after deducting all operating expenses including depreciating bases of associated companies. PRE-TAX PROFIT The net trading profit dived by the number of employees. PUCHASE AMOUNT The typical amount of products or services bought by an immediate customer in a single transact strages breases included all expenses included all expenses included. These are profits Product or Service R & D expenses plus Process R & D expenses expressed as a % of sales. PUCHASE AMOUNT Product or Service R & D expenses include all expenses for innovation R advances in the product or Services RAD perses for process R & D expenses expressed as a % of sales. </td <td></td> <td></td>		
NEW PRODUCT SALES Percentage of sales accounted for by new products. New products are those products introduced during the three preceding years. NEWNESS OF PLANT & Newness of plant and equipment, measured as the ratio of Net Book Value to Gross Book Value. EQUIPMENT (NBV / GBV) Comprises Investment income received, such as income from quoted & unquoted investments, refrectived, share of profit from associated companies; as wells Reserves adjustments, such as transfers from capital grant reserve, interest relief grants. NUMBER OF EMPLOYTES + THEIR REMUNERATION Coperating profit as a percentage of sales. OPERATING ROFIT Operating profit as a percentage of sales. MARGIN OPERATING PROFIT MARGIN Pre-tax profit plus interest, less non-trading income. PRE-TAX PROFIT MARGIN Pre-tax profit is a a percentage of sales. PRE-TAX PROFIT Pre-tax profit is a a percentage of sales. MARGIN Pre-tax profit is a a percentage of sales. PRE-TAX PROFIT The net trading profit ifour declared after deducting all operating expenses including depreciation finance charges but before deduction of tax, dividends, subventions or group relief and other appropriations. PRE-TAX PROFIT The typical amount of products or services bought by an immediate customer in a single transaction devices. PUROFIT / EMPLOYEES Profit before tax divided by the number of employees. PUROFIT / EMPLOYES	NEW PRODUCT SALES Percentage of sales accounted for by new products. New products are those products introduce during the three proceding years. NEWNESS OF FLANT & EQUIPMENT (NBV / OBV) Newness of plant and equipment, measured as the ratio of Net Book Value to Gross Book Value The Newness of plant and equipment, measured as the ratio of Net Book Value to Gross Book Value NON-TRADING INCOME NUMBER OF EMPLOYEES + THEIR REMULERATION Comprises Investment income raceivad, such as income from quoted & unquoted investments, such as transfers from capital grant reserve, interest relief grants. NUMBER OF EMPLOYEES + THEIR REMULERATION The average number of employees together with their aggregate wages and salaries. OPERATING PROFIT Operating profit as a percentage of sales. PRE-TAX PROFIT The net trading profit figure declared after deducting all operating expenses including deprecial innance 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 extraordinary items are excluded. PROFIT / EMPLOYEES Profit before tax divided by the number of employees. PURCHASE AMOUNT IMMEDIATE CUSTOMERS The typical amount of products or services bought by an immediate customer in a single transace Devices. Including improvements in packaging, product design, features and functions. Process D expenses include all expenses for innovation & advoraces in the produc ervices. Including improvements in packaging, product d	NET ASSETS	The net assets employed are obtained by subtracting total current liabilities from the total assets.
SALES during the three preceding years. NEWNESS OF PLANT & CUIPMENT (NBV / GBV) Newness of plant and equipment, measured as the ratio of Net Book Value to Gross Book Value. NON-TRADING INCOME Comprises Investment income received, such as income from quoted & unquoted investments, rei received, share of profit from associated companies; as well as Reserves adjustments, such as transfers from capital grant reserve, interest relief grants. NUMBER OF EMPLOYEES + THEIR REMUNERATION The average number of employees together with their aggregate wages and salaries. OPERATING PROFIT MARGIN Operating profit as a percentage of sales. PRE-TAX PROFIT MARGIN Pre-tax profit plus interest, less non-trading income. PRE-TAX PROFIT The net trading profit figure declared after daducting 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. PURCHASE AMOUNT IMMEDIATE CUSTOMERS The typical amount of products or services bought by an immediate customer in a single transactic inducting improvements in packaging, product design, features and functions. Process R product or Service R & D expenses include all expenses for innovation & advances in the products services; including improvements is packaging, product design, features and functions. Process R Dexpenses include all expenses for innovation & advances in the productors. Product or Service R & D expenses include all exp	SALES during the three preceding years. NEWNESS OF PLANT & REVIEWS OF PLANT & CUIPMENT (NEV / GBV) Newness of plant and equipment, measured as the ratio of Net Book Value to Gross Book Value (CUIPMENT (NEV / GBV) NON-TRADING INCOME Comprises Investment income received, sane as encome from quoted & unquoted investments, such as transfers from capital grant reserve, interest relief grants. NUMBER OF EMPLOYEES + THEIR REMUNERATION The average number of employees together with their aggregate wages and salaries. OPERATING PROFIT Operating profit as a percentage of sales. OPERATING PROFIT Pre-tax profit plus interest, less non-trading income. PRE-TAX PROFIT Pre-tax profit figure declared after deducting all operating expenses including depreciating 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. PRE-TAX PROFIT The typical amount of products or services bought by an immediate customer in a single transat MMEDIATE CUSTOMERS PURCHASE AMOUNT The typical amount of products or services R & D expenses expressed as a % of sales. QUICK RATIO Current assets less stocks as a ratio of current liabilities. QUICK RATIO Current assets less of expenses plus provemes R & D expenses expressed as a % of sales. REAL MARKET G	NET WORTH	Equals shareholders' funds less the intangible assets.
EQUIPMENT (NBV / GBV) NON-TRADING INCOME Comprises Investment income received, such as income from quoted & unquoted investments, such as transfers from capital grant reserve, interest relief grants. NUMBER OF EMPLOYEES + THEIR REMUNERATION The average number of employees together with their aggregate wages and salaries. OPERATING PROFIT Operating profit as a percentage of sales. OPERATING PROFIT Pre-tax profit plus interest, less non-trading income. PRE-TAX PROFIT 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 & a sected data is included where applicable in respect of the share of profits are excluded. PROFIT / EMPLOYEES Profit before tax divided by the number of employees. PURCHASE AMOUNT The typical amount of products or services bought by an immediate customer in a single transaction device RAD expenses include all expenses for innovation & advances in the products services RAD expenses include all expenses for innovation & advances in the product or Service RAD expenses include all expenses for innovation & advances in the products services RAD expenses include all expenses for innovation & advances in the products, processing and handling of goods. Sales are the net sales billed including lease revenues. PROFIT / EMPLOYEES The average of bourty wage rates and salary levels arel 100%, if ones wage rates and salary levels are 1	EQUIPMENT (NEV / GBV) NON-TRADING INCOME Comprises Investment income received, such as income from quoted & unquoted investments, received, share of profit from associated companies; as well as Reserves adjustments, such as transfers from capital grant reserve, interest relief grants. NUMBER OF EMPLOYEES + THEIR The average number of employees together with their aggregate wages and salaries. REMUNERATION Operating profit as a percentage of sales. OPERATING PROFIT Pre-tax profits as a percentage of sales. PRE-TAX PROFIT MARGIN Pre-tax profit is as a percentage of sales. PRE-TAX PROFIT The net trading profit igure declared after deducting all operating expenses including depreciating finance charges but before deduction of trax, dividends, subventions or group relief and other appropriations. Consolidated data is included whitere applicable in respect of the share of profits losses of associated companies, items described as exceptional are included. These described as extraordinary items are excluded. PROFIT / EMPLOYEES Profit before tax divided by the number of employees. PURCHASE AMOUNT The typical amount of products or services bought by an immediate customer in a single transact MMEDIATE CUSTOMERS QUICK RATIO Current assets less stocks as a ratio or current liabilities. RESERCH & Product or Service R& D expenses include all expenses for innovation & advances in the product services including improvements to reduce the cost of producing, processing and handing of goods. Sales are th		
received, share of profit from associated companies; as well as Reserves adjustments, such as transfers from capital grant reserve, interest relief grants. NUMBER OF EMPLOYEES + THEIR The average number of employees together with their aggregate wages and salaries. OPERATING PROFIT Operating profit as a percentage of sales. OPERATING PROFIT Pre-tax profit plus interest, less non-trading income. PRE-TAX PROFIT Pre-tax profit plus interest, less non-trading income. PRE-TAX PROFIT 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 to the share of profits 4a. Iosses of associated companies. Items described as exceptional are included. Those described as extraordinary items are excluded. PROFIT / EMPLOYEES Profit before tax divided by the number of employees. PURCHASE AMOUNT The typical amount of products or services bought by an immediate customer in a single transactic EXPENSES / SALES Product or Service R & D expenses plus Process R & D expenses expressed as a % of sales. EXPENSES / SALES Product or Service R & D expenses include all expenses for innovational gase revenues. REAL MARKET GROWTH, The anizorial annual real (unit) growth rate of the market, which the business serves, expressed as a % of sales. REAL MARKET GROWTH, The average of hourly wage rat	received, share of profit from associated companies; as well as Reserves adjustments, such as transfers from capital grant reserve, interest relief grants. NUMBER OF EMPLICYEES + THEIR The average number of employees together with their aggregate wages and salaries. OPERATING PROFIT Operating profit as a percentage of sales. OPERATING PROFIT Pre-tax profit plus interest, less non-trading income. PRE-TAX PROFIT The net trading profit figure declared after deducting all operating expenses including depreciating finance charges but before deductor 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 exceptional are included. Those described evaluation 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 evaluation of the typical amount of products or services bought by an immediate customer in a single transact MMEDIATE CUSTOMERS QUICK RATIO Current assets less stocks as a ratio of current liabilities. RESEARCH & DEVELOPMENT Product or Service R & D expenses include all expenses for innovation & davances in the product SHORT-RUN REAL MARKET GROWTH, The annual growth rate of the size of served market, deflated by the selling price index, expressed percentage. RELAL MARKET GROWTH, Competitors The degree of ho		Newness of plant and equipment, measured as the ratio of Net Book Value to Gross Book Value.
EMPLOYEES + THEIR REMUNERATION Operating profit as a percentage of sales. OPERATING PROFIT Pre-tax profit plus interest, less non-trading income. PRE-TAX PROFIT MARGIN Pre-tax profit sa a percentage of sales. PRE-TAX PROFIT MARGIN Pre-tax profit sa a percentage of sales. PRE-TAX PROFIT MARGIN Pre-tax profit sa a percentage of sales. PRE-TAX PROFIT 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 & disese of associated companies. Items described as exceptional are included. Those described as extraordinary items are excluded. PROFIT / EMPLOYEES Profit before tax divided by the number of employees. PURCHASE AMOUNT The typical amount of products or services bought by an immediate customer in a single transactic infMEDIATE CUSTOMERS QUICK RATIO Current assets less stocks as a ratio of current liabilities. RESEARCH & DProduct or Service R & D expenses include all expresses for innovation & advances in the products services; including improvements in packaging, product design, relatures and functions. Process R between sets for process improvements to reduce the cost of producing, processing and handling of goods. Sales are the net sales billed including lease revenues. REAL MARKET GROWTH, SHORT-RUNH <td< td=""><td>EMPLICYEES + THEIR REMUNERATION Operating profit as a percentage of sales. OPERATING PROFIT MARGIN Operating profit as a percentage of sales. OPERATING PROFIT Pre-tax profit plus interest, less non-trading income. PRE-TAX PROFIT The net trading profit figure declared after deducting all operating expenses including depreciating 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 extraordinary items are excluded. PROFIT / EMPLOYEES Profit before tax divided by the number of employees. PURCHASE AMOUNT The typical amount of products or services bought by an immediate customer in a single transact services; including improvements in packaging, product design, features and functions. Proceess are researched as process include all expenses plus Process R & D expenses protect of or dructing, product or Service R&D expenses include all expenses included by the selling price index, express HORT-RUN REAL MARKET GROWTH, The anional growth rate of the size of served market, deflated by the selling price index, expresses HORT-RUN The average of hourly wage rates and salary levels relative to competitors. Competitors' wage rates and salary levels relative to its leading competitors. Competitors' wage rates are 105%, if ones wage rates and salary levels relative to t</td><td>NON-TRADING INCOME</td><td></td></td<>	EMPLICYEES + THEIR REMUNERATION Operating profit as a percentage of sales. OPERATING PROFIT MARGIN Operating profit as a percentage of sales. OPERATING PROFIT Pre-tax profit plus interest, less non-trading income. PRE-TAX PROFIT The net trading profit figure declared after deducting all operating expenses including depreciating 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 extraordinary items are excluded. PROFIT / EMPLOYEES Profit before tax divided by the number of employees. PURCHASE AMOUNT The typical amount of products or services bought by an immediate customer in a single transact services; including improvements in packaging, product design, features and functions. Proceess are researched as process include all expenses plus Process R & D expenses protect of or dructing, product or Service R&D expenses include all expenses included by the selling price index, express HORT-RUN REAL MARKET GROWTH, The anional growth rate of the size of served market, deflated by the selling price index, expresses HORT-RUN The average of hourly wage rates and salary levels relative to competitors. Competitors' wage rates and salary levels relative to its leading competitors. Competitors' wage rates are 105%, if ones wage rates and salary levels relative to t	NON-TRADING INCOME	
MARGIN OPERATING PROFIT Pre-tax profit plus interest, less non-trading income. PRE-TAX PROFIT MARGIN Pre-tax profits as a percentage of sales. PRE-TAX PROFIT 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 Profit before tax divided by the number of employees. PURCHASE AMOUNT The typical amount of products or services bought by an immediate customer in a single transaction MMEDIATE CUSTOMERS QUICK RATIO Current assets less stocks as a ratio of current liabilities. RESEARCH & Droduct or Service R & D expenses include all expenses for innovation & advances in the products services relative and functions. Process R & D expenses include all expenses for product design, features and functions. Process R D expenses include all expenses for produce the cost of producing, processing and handling of goods. Sales are the net sales billed including lease revenues. REAL MARKET GROWTH The historical annual real (unit) growth rate of the market, deflated by the selling price index, expressed as percentage. RELATIVE The average of hourly wage rates relative to leading competitors and salary levels relative to its leading competitors. Competitors 'wage rates and sal	MARGIN OPERATING PROFIT Pre-tax profit plus interest, less non-trading income. PRE-TAX PROFIT MARGIN Pre-tax profits as a percentage of sales. PRE-TAX PROFIT The net trading profit figure declared after deducting all operating expenses including depreciating income. PRE-TAX PROFIT The net trading profit figure declared after 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 extraordinary items are excluded. PROFIT / EMPLOYEES Profit before tax divided by the number of employees. PURCHASE AMOUNT The typical amount of products or services bought by an immediate customer in a single transact IMMEDIATE CUSTOMERS QUICK RATIO Current assets less stocks as a ratio of current liabilities. RESEARCH & DProduct or Service R & D expenses include all expenses for innovation & advances in the produc services; including improvements in packaging, product design, features and functions. Process D expenses include all expenses for incovation & advances in the product Service RA D expenses include all expenses for include the cost of producing, percensing and handling of golds. Sales are the net sales billed including lease revenues. REAL MARKET GROWTH, The annual growth rate of the size of served market, deflated by the selling price index, expresse a compensions. Competitors: Competitors and salary levels are 105%, relative salaries are 105%, and average relative co	EMPLOYEES + THEIR	The average number of employees together with their aggregate wages and salaries.
PRE-TAX PROFIT MARGIN Pre-tax profits as a percentage of sales. PRE-TAX PROFIT 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 Profit before tax divided by the number of employees. PURCHASE AMOUNT The typical amount of products or services bought by an immediate customer in a single transaction/MMEDIATE CUSTOMERS QUICK RATIO Current assets less stocks as a ratio of current liabilities. RESEARCH & DEVELOPMENT Product or Service R & D expenses plus Process R & D expenses expressed as a % of sales. Product or Service R&D expenses for process improvements to reduce the cost of products services; including improvements in packaging, product ethe cost of products, processing and handling of goods. Sales are the net sales billed including lease revenues. REAL MARKET GROWTH, RH average of hourly wage rates and salary levels are 100%; if ones wage rates and salary levels are 10%, if ones wage rates and salary levels are 10%; if ones wage rates and salary levels are 10%; if ones wage rates and salary levels are 10%, if ones wage rates and salary levels are 10%, if ones wage rates and salary levels are 10%, if ones wage rates and salary levels are 10%, if ones wage rates and salary levels are 10%, if ones wage rates and salary levels are 10%, and average relative compensation is 105%.	PRE-TAX PROFIT MARGIN Pre-tax profits as a percentage of sales. PRE-TAX PROFIT The net trading profit figure declared after deducting all operating expenses including depreciating 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 extraordinary items are excluded. PROFIT / EMPLOYEES Profit before tax divided by the number of employees. PURCHASE AMOUNT The typical amount of products or services bought by an immediate customer in a single transact of Sales. QUICK RATIO Current assets less stocks as a ratio of current liabilities. RESEARCH & DEVELOPMENT Product or Service R & D expenses for innovation & advances in the product services; including improvements in packaging, product design, features and functions. Process D expenses include all expenses for innovation & advances in the product services; including improvements in packaging, product design, features and functions, express 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. REAL MARKET GROWTH The nanual growth rate of the size of served market, deflated by the selling price index, expressed COMPENSATION COMPENSATION The average of hourly wage rates relative to leading competitors and salary levels relative to a competitors. Competitors' wage rates and salary levels are 105%, relative salaries		Operating profit as a percentage of sales.
PRE-TAX PROFIT 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 Profit before tax divided by the number of employees. PURCHASE AMOUNT The typical amount of products or services bought by an immediate customer in a single transaction MMEDIATE CUSTOMERS QUICK RATIO Current assets less stocks as a ratio of current liabilities. RESEARCH & DEVELOPMENT 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 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. REAL MARKET GROWTH, The annual growth rate of the size of served market, deflated by the selling price index, expressed a percentage. RELATIVE The historical annual real (unit) growth rate of the market which the business serves, expressed as a percentage. RELATIVE The average of hourly wage rates relative to leading competitors and salary levels are 100%, if ones wage rates and salary levels are 100%, if ones wage rates and salary levels are	PRE-TAX PROFIT The net trading profit figure declared after deducting all operating expenses including depreciating 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 extraordinary items are excluded. PROFIT / EMPLOYEES Profit before tax divided by the number of employees. PURCHASE AMOUNT The typical amount of products or services bought by an immediate customer in a single transact MMEDIATE CUSTOMERS QUICK RATIO Current assets less stocks as a ratio of current liabilities. RESEARCH & DEVELOPMENT 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 product services; including improvements in packaging, product design, features and functions. Process 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. REAL MARKET GROWTH, SHORT-RUN The historical annual real (unit) growth rate of the market which the business serves, expressed reative to competitors. Competitors' wage rates and salary levels relative to competitors. Competitors' wage rates and salary levels are 105%, relative salaries are 105%, and average relative compensition is 105%. RELATIVE The average of hourly wage rates relative to the combined market shares of the three leading competitors. Process R % higher, ones relative to	OPERATING PROFIT	Pre-tax profit plus interest, less non-trading income.
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 / EMPLOYEESProfit before tax divided by the number of employees.PURCHASE AMOUNT IMMEDIATE CUSTOMERSThe typical amount of products or services bought by an immediate customer in a single transactionQUICK RATIOCurrent assets less stocks as a ratio of current liabilities.RESEARCH & DEVELOPMENT EXPENSES / SALESProduct or Service R & D expenses include all expenses for innovation & advances in the products services; including improvements in packaging, product design, features and functions. Process a services; including improvements in packaging, product design, features and functions. Process a processing and handling of goods. Sales are the net sales billed including lease revenues.REAL MARKET GROWTH, HARKET GROWTH RATEThe annual growth rate of the size of served market, deflated by the selling price index, expressed a percentage.REAL MARKET GROWTH RATEThe istorical annual real (unit) growth rate of the market which the business serves, expressed at percentage.RELATIVE RATECompetitors' wage rates relative to leading competitors and salary levels relative to competitors. Competitors' wage rates are a salary levels are 105%, irelative salaries are 105%, and o average relative compensation is 105%.RELATIVE RELATIVE FORWARDThe degree of forward vertical integration (i.e. toward suppliers) of the business relative to its leading competitors.RELATIVE INTEGRATION FORWA	Infinance 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 extraordinary items are excluded.PROFIT / EMPLOYEESProfit before tax divided by the number of employees.PURCHASE AMOUNT IMMEDIATE CUSTOMERSThe typical amount of products or services bought by an immediate customer in a single transact iMMEDIATE CUSTOMERSQUICK RATIOCurrent assets less stocks as a ratio of current liabilities.RESEARCH & DEVELOPMENT EXPENSES / SALESProduct 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 produc services. Including improvements in packaging, product design, features and functions. Process processing and handling of goods. Sales are the net sales billed including lease revenues.REAL MARKET GROWTH, SHORT-RUNThe annual growth rate of the size of served market, deflated by the selling price index, express a percentage.RELATIVE COMPENSATIONThe average of hourly wage rates relative to leading competitors and salary levels relative to competitors. Competitors' wage rates are a loady levels are 100%; if ones wage rates and salary levels are 5% higher, ones relative to the combined market shares of the business relative to its leading competitors. (i.e. toward suppliers) of the business relative to its leading competitors. Competitors. The average price of the competitors is 100%; if ones wage rates and salary levels are 5% higher ones relative to the combined market shares of the three leading competitors. Competitors. The average service sha,	PRE-TAX PROFIT MARGIN	Pre-tax profits as a percentage of sales.
PURCHASE AMOUNT IMMEDIATE CUSTOMERS The typical amount of products or services bought by an immediate customer in a single transaction QUICK RATIO QUICK RATIO Current assets less stocks as a ratio of current liabilities. RESEARCH & DEVELOPMENT EXPENSES / SALES 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 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. REAL MARKET GROWTH, SHORT-RUN The annual growth rate of the size of served market, deflated by the selling price index, expressed a percentage. RELA MARKET GROWTH RATE The historical annual real (unit) growth rate of the market which the business serves, expressed as percentage. RELATIVE COMPENSATION The average of hourly wage rates relative to leading competitors and salary levels relative to competitors. Competitors' wage rates and salary levels relative to competitors. Competitors' wage rates are 105%, relative salaries are 105%, and o average relative compensation is 105%. RELATIVE INTEGRATION BACKWARD The degree of backward vertical integration (i.e. toward customers) of the business relative to its leading competitors. RELATIVE INTEGRATION FORWARD The degree of forward vertical integration (i.e. toward customers) of the business relative to its leading competitors.	PURCHASE AMOUNT IMMEDIATE CUSTOMERS The typical amount of products or services bought by an immediate customer in a single transact QUICK RATIO QUICK RATIO Current assets less stocks as a ratio of current liabilities. RESEARCH & DEVELOPMENT 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 produc services; 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. REAL MARKET GROWTH, REAL MARKET GROWTH, ATE The annual growth rate of the size of served market, deflated by the selling price index, express a percentage. REAL MARKET GROWTH RATE The historical annual real (unit) growth rate of the market which the business serves, expressed percentage. RELATIVE COMPENSATION The average of hourly wage rates relative to leading competitors and salary levels relative to competitors. Competitors' wage rates and salary levels are 100%; if ones wage rates and salary levels are 5% higher, noes relative hourly wage rates are 105%, relative salaries are 105%, and average relative compensation is 105%. RELATIVE INTEGRATION FORWARD The degree of backward vertical integration (i.e. toward customers) of the business relative to its leading competitors (less than, the same as, more than). RELATIVE PRICE The average level of selling prices of the product & services relative to the average level of the leading competitors, Expressed as a percentage. RELATIVE P	PRE-TAX PROFIT	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
IMMEDIATE CUSTOMERSQUICK RATIOCurrent assets less stocks as a ratio of current liabilities.RESEARCH & DEVELOPMENT EXPENSES / SALESProduct or Service R & D expenses include all expenses for innovation & advances in the products 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 producting, processing and handling of goods. Sales are the net sales billed including lease revenues.REAL MARKET GROWTH, SHORT-RUNThe annual growth rate of the size of served market, deflated by the selling price index, expressed a percentage.REAL MARKET GROWTH RATEThe historical annual real (unit) growth rate of the market which the business serves, expressed as percentage.REAL MARKET GROWTH RATEThe historical annual real (unit) growth rate of the market which the business serves, expressed as percentage.RELATIVE COMPENSATIONThe average of hourly wage rates relative to leading competitors and salary levels relative to competitors. Competitors' wage rates and salary levels are 100%; if ones wage rates and salary levels are 5% higher, ones relative hourly wage rates are 105%, relative salaries are 105%, and o average relative compensation is 105%.RELATIVE INTEGRATION FORWARDThe degree of backward vertical integration (i.e. toward customers) of the business relative to its leading competitors (less than, the same as, more than).RELATIVE INTEGRATION FORWARDThe degree of of the business, relative to the combined market shares of the three leading competitors, expressed as a percentage.RELATIVE PRICEThe market share of the business ap encentage.RELATIVE PRICEThe av	IMMEDIATE CUSTOMERSQUICK RATIOCurrent assets less stocks as a ratio of current liabilities.RESEARCH & DEVELOPMENTProduct 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 produc services; including improvements in packaging, product design, features and functions. Process 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.REAL MARKET GROWTH, RATEThe annual growth rate of the size of served market, deflated by the selling price index, express a percentage.REAL MARKET GROWTH RATEThe historical annual real (unit) growth rate of the market which the business serves, expressed percentage.RELATIVE COMPENSATIONThe average of hourly wage rates relative to leading competitors and salary levels relative to competitors' wage rates and salary levels are 100%; if ones wage rates and salary levels are 5% higher, ones relative hourly wage rates are 105%, relative salaries are 105%, and average relative compensation is 105%.RELATIVE INTEGRATION FORWARDThe degree of backward vertical integration (i.e. toward customers) of the business relative to its leading competitors, leading competitors, process a a percentage.RELATIVE PRICEThe average level of the business, relative to the competitor is 105%.RELATIVE INTEGRATION FORWARDThe degree of backward vertical integration (i.e. toward customers) of the business relative to its leading competitors, leading competitors, the same as, more than).RELATIVE PRICEThe average level of the business, relative to the competitor is 1	PROFIT / EMPLOYEES	Profit before tax divided by the number of employees.
RESEARCH & DEVELOPMENT EXPENSES / SALESProduct 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 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.REAL MARKET GROWTH, SHORT-RUNThe annual growth rate of the size of served market, deflated by the selling price index, expressed as a percentage.REAL MARKET GROWTH RATEThe historical annual real (unit) growth rate of the market which the business serves, expressed as percentage.RELATIVE COMPENSATIONThe average of hourly wage rates relative to leading competitors and salary levels relative to competitors. Competitors' wage rates and salary levels are 100%; if ones wage rates and salary levels are 5% higher, ones relative hourly wage rates are 105%, relative salaries are 105%, and o average relative compensation is 105%.RELATIVE INTEGRATION FORWARDThe degree of forward vertical integration (i.e. toward suppliers) of the business relative to its leading competitors.RELATIVE INTEGRATION FORWARDThe degree of forward vertical integration (i.e. toward customers) of the business relative to its leading competitors, leading competitors, expressed as a percentage.RELATIVE MARKET SHORT The market share of the business, relative to the combined market shares of the three leading competitors.The average level of selling prices of the products & services relative to the average level of the leading competitors.RELATIVE PRICEThe average level	RESEARCH & DEVELOPMENT EXPENSES / SALESProduct 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 produc services; including improvements in packaging, product design, features and functions. Process 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.REAL MARKET GROWTH, SHORT-RUNThe annual growth rate of the size of served market, deflated by the selling price index, expresse a percentage.REAL MARKET GROWTH RATEThe historical annual real (unit) growth rate of the market which the business serves, expressed percentage.REAL MARKET GROWTH RATEThe historical annual real (unit) growth rate of the market which the business serves, expressed percentage.RELATIVE COMPENSATIONThe average of hourly wage rates relative to leading competitors and salary levels are 105%, relative salaries are 105%, and average relative compensation is 105%.RELATIVE INTEGRATION BACKWARDThe degree of backward vertical integration (i.e. toward suppliers) of the business relative to its leading competitors.RELATIVE INTEGRATION FORWARDThe degree of forward vertical integration (i.e. toward customers) of the business relative to its leading competitors, expressed as a percentage.RELATIVE NARKET SHAREThe market share of the business, relative to the combined market shares of the three leading competitors, expressed as a percentage.RELATIVE NARKET SHAREThe market share of the business, relative to the combined market shares of the business are 5% higher when its price relative to competitor		The typical amount of products or services bought by an immediate customer in a single transaction.
DEVELOPMENT EXPENSES / SALESProduct or Service R&D expenses include all expenses for innovation & advances in the products 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.REAL MARKET GROWTH, SHORT-RUNThe annual growth rate of the size of served market, deflated by the selling price index, expressed at a percentage.REAL MARKET GROWTH RATEThe historical annual real (unit) growth rate of the market which the business serves, expressed at percentage.RELATIVE COMPENSATIONThe average of hourly wage rates relative to leading competitors and salary levels relative to competitors' wage rates and salary levels are 100%; if ones wage rates and salary levels are 5% higher, ones relative hourly wage rates are 105%, relative salaries are 105%, and o average relative compensation is 105%.RELATIVE INTEGRATION BACKWARDThe degree of backward vertical integration (i.e. toward suppliers) of the business relative to its leading competitors (less than, the same as, more than).RELATIVE MARKET SHAREThe market share of the business, relative to the combined market shares of the three leading competitors, expressed as a percentage.RELATIVE PRICEThe average level of selling prices of the products & services relative to the average level of the leading competitors. The average price of the competitors is 100%; if the average prices of the	DEVELOPMENT EXPENSES / SALESProduct or Service R&D expenses include all expenses for innovation & advances in the product services; including improvements in packaging, product design, features and functions. Process 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.REAL MARKET GROWTH, SHORT-RUNThe annual growth rate of the size of served market, deflated by the selling price index, express a percentage.REAL MARKET GROWTH RATEThe historical annual real (unit) growth rate of the market which the business serves, expressed percentage.RELATIVE COMPENSATIONThe historical annual real (unit) growth rate of the market which the business serves, expressed percentage.RELATIVE COMPENSATIONThe average of hourly wage rates relative to leading competitors and salary levels relative to competitors. Competitors' wage rates and salary levels are 100%, if ones wage rates and salary levels are 5% higher, ones relative hourly wage rates are 105%, relative salaries are 105%, and average relative compensation is 105%.RELATIVE INTEGRATION FORWARDThe degree of backward vertical integration (i.e. toward suppliers) of the business relative to its leading competitors (less than, the same as, more than).RELATIVE MARKET FORWARDThe market share of the business, relative to the combined market shares of the three leading competitors, expressed as a percentage.RELATIVE PRICEThe market share of the business, relative to the combined market shares of the three leading competitors. The average prices of the conducts & services relative to the average level of the leading competitors. The average price of the competition is 105%.	QUICK RATIO	Current assets less stocks as a ratio of current liabilities.
SHORT-RUNa percentage.REAL MARKET GROWTH RATEThe historical annual real (unit) growth rate of the market which the business serves, expressed as percentage.RELATIVE COMPENSATIONThe average of hourly wage rates relative to leading competitors and salary levels relative to competitors. Competitors' wage rates and salary levels are 100%; if ones wage rates and salary levels are 5% higher, ones relative hourly wage rates are 105%, relative salaries are 105%, and o average relative compensation is 105%.RELATIVE INTEGRATION BACKWARDThe degree of backward vertical integration (i.e. toward suppliers) of the business relative to its leading competitors (less than, the same as, more than).RELATIVE INTEGRATION FORWARDThe market share of the business, relative to the combined market shares of the three leading competitors, expressed as a percentage.RELATIVE PRICEThe average level of selling prices of the products & services relative to the average prices of the leading competitors. The average price of the competitors is 100%; if the average prices of the	SHORT-RUNa percentage.REAL MARKET GROWTH RATEThe historical annual real (unit) growth rate of the market which the business serves, expressed percentage.RELATIVE COMPENSATIONThe average of hourly wage rates relative to leading competitors and salary levels relative to competitors. Competitors' wage rates and salary levels are 100%; if ones wage rates and salary levels are 5% higher, ones relative hourly wage rates are 105%, relative salaries are 105%, and average relative compensation is 105%.RELATIVE INTEGRATION BACKWARDThe degree of backward vertical integration (i.e. toward suppliers) of the business relative to its leading competitors.RELATIVE INTEGRATION FORWARDThe degree of forward vertical integration (i.e. toward customers) of the business relative to its leading competitors (less than, the same as, more than).RELATIVE MARKET SHAREThe market share of the business, relative to the combined market shares of the three leading competitors, expressed as a percentage.RELATIVE PRICEThe average level of selling prices of the products & services relative to the average prices of the business are 5% higher when its price relative to competition is 105%.RELATIVE PRODUCT QUALITYThe percentage of sales volume from products and service that, from the perspective of the consumer, are judged as superior to those available from leading competitors minus the percent judged as inferior.	DEVELOPMENT	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,
RATEpercentage.RELATIVE COMPENSATIONThe average of hourly wage rates relative to leading competitors and salary levels relative to competitors. Competitors' wage rates and salary levels are 100%; if ones wage rates and salary levels are 5% higher, ones relative hourly wage rates are 105%, relative salaries are 105%, and o average relative compensation is 105%.RELATIVE INTEGRATION BACKWARDThe degree of backward vertical integration (i.e. toward suppliers) of the business relative to its leading competitors (less than, the same as, more than).RELATIVE INTEGRATION FORWARDThe degree of the business, relative to the combined market shares of the three leading competitors, expressed as a percentage.RELATIVE PRICEThe average level of selling prices of the products & services relative to the average level of the leading competitors. The average price of the competitors is 100%; if the average prices of the	RATEpercentage.RELATIVE COMPENSATIONThe average of hourly wage rates relative to leading competitors and salary levels relative to competitors. Competitors' wage rates and salary levels are 100%; if ones wage rates and salary levels are 5% higher, ones relative hourly wage rates are 105%, relative salaries are 105%, and average relative compensation is 105%.RELATIVE INTEGRATION BACKWARDThe degree of backward vertical integration (i.e. toward suppliers) of the business relative to its leading competitors.RELATIVE INTEGRATION FORWARDThe degree of forward vertical integration (i.e. toward customers) of the business relative to its leading competitors (less than, the same as, more than).RELATIVE MARKET SHAREThe market share of the business, relative to the combined market shares of the three leading competitors, expressed as a percentage.RELATIVE PRICEThe average level of selling prices of the products & services relative to the average level of the leading competitors. The average price of the competitors is 100%; if the average prices of the business are 5% higher when its price relative to competition is 105%.RELATIVE PRODUCT QUALITYThe percentage of sales volume from products and service that, from the perspective of the consumer, are judged as superior to those available from leading competitors minus the percent judged as inferior.		The annual growth rate of the size of served market, deflated by the selling price index, expressed as a percentage.
COMPENSATIONcompetitors. Competitors' wage rates and salary levels are 100%; if ones wage rates and salary levels are 5% higher, ones relative hourly wage rates are 105%, relative salaries are 105%, and o average relative compensation is 105%.RELATIVE INTEGRATION BACKWARDThe degree of backward vertical integration (i.e. toward suppliers) of the business relative to its leading competitors.RELATIVE INTEGRATION FORWARDThe degree of forward vertical integration (i.e. toward customers) of the business relative to its leading competitors (less than, the same as, more than).RELATIVE MARKET SHAREThe market share of the business, relative to the combined market shares of the three leading competitors, expressed as a percentage.RELATIVE PRICEThe average level of selling prices of the products & services relative to the average prices of the leading competitors. The average price of the competitors is 100%; if the average prices of the	COMPENSATIONcompetitors. Competitors' wage rates and salary levels are 100%; if ones wage rates and salary levels are 5% higher, ones relative hourly wage rates are 105%, relative salaries are 105%, and average relative compensation is 105%.RELATIVE INTEGRATION BACKWARDThe degree of backward vertical integration (i.e. toward suppliers) of the business relative to its leading competitors.RELATIVE INTEGRATION FORWARDThe degree of forward vertical integration (i.e. toward customers) of the business relative to its leading competitors (less than, the same as, more than).RELATIVE MARKET SHAREThe market share of the business, relative to the combined market shares of the three leading competitors, expressed as a percentage.RELATIVE PRICEThe average level of selling prices of the products & services relative to the average prices of the business are 5% higher when its price relative to competition is 105%.RELATIVE PRODUCT QUALITYThe percentage of sales volume from products and service that, from the perspective of the consumer, are judged as superior to those available from leading competitors minus the percent judged as inferior.		The historical annual real (unit) growth rate of the market which the business serves, expressed as a percentage.
BACKWARDleading competitors.RELATIVE INTEGRATION FORWARDThe degree of forward vertical integration (i.e. toward customers) of the business relative to its leading competitors (less than, the same as, more than).RELATIVE MARKET SHAREThe market share of the business, relative to the combined market shares of the three leading competitors, expressed as a percentage.RELATIVE PRICEThe average level of selling prices of the products & services relative to the average price of the leading competitors. The average price of the competitors is 100%; if the average prices of the	BACKWARDleading competitors.RELATIVE INTEGRATIONThe degree of forward vertical integration (i.e. toward customers) of the business relative to its leading competitors (less than, the same as, more than).RELATIVE MARKET SHAREThe market share of the business, relative to the combined market shares of the three leading competitors, expressed as a percentage.RELATIVE PRICEThe average level of selling prices of the products & services relative to the average level of the leading competitors. The average price of the competitors is 100%; if the average prices of the business are 5% higher when its price relative to competition is 105%.RELATIVE PRODUCT QUALITYThe percentage of sales volume from products and service that, from the perspective of the consumer, are judged as superior to those available from leading competitors minus the percent judged as inferior.		competitors. Competitors' wage rates and salary levels are 100%; if ones wage rates and salary levels are 5% higher, ones relative hourly wage rates are 105%, relative salaries are 105%, and ones
FORWARDleading competitors (less than, the same as, more than).RELATIVE MARKET SHAREThe market share of the business, relative to the combined market shares of the three leading competitors, expressed as a percentage.RELATIVE PRICEThe average level of selling prices of the products & services relative to the average level of the leading competitors. The average price of the competitors is 100%; if the average prices of the	FORWARDleading competitors (less than, the same as, more than).RELATIVE MARKET SHAREThe market share of the business, relative to the combined market shares of the three leading competitors, expressed as a percentage.RELATIVE PRICEThe average level of selling prices of the products & services relative to the average level of the leading competitors. The average price of the competitors is 100%; if the average prices of the business are 5% higher when its price relative to competition is 105%.RELATIVE PRODUCT QUALITYThe percentage of sales volume from products and service that, from the perspective of the consumer, are judged as superior to those available from leading competitors minus the percent judged as inferior.		
SHARE competitors, expressed as a percentage. RELATIVE PRICE The average level of selling prices of the products & services relative to the average level of the leading competitors. The average price of the competitors is 100%; if the average prices of the	SHARE competitors, expressed as a percentage. RELATIVE PRICE The average level of selling prices of the products & services relative to the average level of the leading competitors. The average price of the competitors is 100%; if the average prices of the business are 5% higher when its price relative to competition is 105%. RELATIVE PRODUCT The percentage of sales volume from products and service that, from the perspective of the consumer, are judged as superior to those available from leading competitors minus the percent judged as inferior.		
leading competitors. The average price of the competitors is 100%; if the average prices of the	Image: Relative product Image: Relativ		
business are 5% higher when its price relative to competition is 105%.	QUALITY consumer, are judged as superior to those available from leading competitors minus the percen- judged as inferior.	RELATIVE PRICE	leading competitors. The average price of the competitors is 100%; if the average prices of the
QUALITY consumer, are judged as superior to those available from leading competitors minus the percentage	RETURN ON ASSETS Pre-tax profits as a percentage of total assets.		consumer, are judged as superior to those available from leading competitors minus the percentage
RETURN ON ASSETS Pre-tax profits as a percentage of total assets.		RETURN ON ASSETS	Pre-tax profits as a percentage of total assets.
RETURN ON CAPITAL Pre-tax profits as a percentage of capital employed.	RETURN ON CAPITAL Pre-tax profits as a percentage of capital employed.	RETURN ON CAPITAL	Pre-tax profits as a percentage of capital employed.
RELATIVE PRODUCT The percentage of sales volume from products and service that, from the perspective of the consumer, are judged as superior to those available from leading competitors minus the percentage judged as inferior. RETURN ON ASSETS Pre-tax profits as a percentage of total assets.	RETURN ON CAPITAL Pre-tax profits as a percentage of capital employed.	EXPENSES / SALES REAL MARKET GROWTH, SHORT-RUN REAL MARKET GROWTH RATE RELATIVE GROWTH COMPENSATION RELATIVE INTEGRATION BACKWARD RELATIVE INTEGRATION FORWARD RELATIVE PROE RELATIVE PRODUCT QUALITY RETURN ON ASSETS	 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. The annual growth rate of the size of served market, deflated by the selling price index, expressed a percentage. The historical annual real (unit) growth rate of the market which the business serves, expressed as percentage. The average of hourly wage rates relative to leading competitors and salary levels relative to competitors. Competitors' wage rates and salary levels are 100%; if ones wage rates and salary levels are 5% higher, ones relative hourly wage rates are 105%, relative salaries are 105%, and on average relative compensation is 105%. The degree of backward vertical integration (i.e. toward suppliers) of the business relative to its leading competitors. (less than, the same as, more than). The market share of the business, relative to the combined market shares of the three leading competitors. The average price of the competitors is 100%; if the average prices of the leading competitors. The average price of the competitors is 100%; if the average prices of the competitors is 105%. The percentage of sales volume from products and service that, from the perspective of the consumer, are judged as superior to those available from leading competitors minus the percentage, judged as inferior.

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 19,099 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



www.datagroup.org

Editions available

Public Relations Agencies

The report on Public Relations Agencies 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 Public Relations Agencies 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 Public Relations Agencies 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 Public Relations Agencies Country Reports available for most countries. Country Reports provide detailed information on the target country.

Country & City Report

The Public Relations Agencies 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 Public Relations Agencies 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*): <u>http://www.datagroup.org/XLS_File_Samples/M0M.xls</u> <u>http://www.datagroup.org/XLS_File_Samples/Germany_Market.xls</u> <u>http://www.datagroup.org/XLS_File_Samples/Germany_Market_Values.xls</u> (US\$, Euros, Yen & Yuan)

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

World / Global Totals (in US\$, Euros, Yen and Yuan) http://www.datagroup.org/XLS_File_Samples/WORLD_Market_Values_Dollar_Euro.xls http://www.datagroup.org/XLS_File_Samples/WORLD_Market_Values_Yen_Yuan.xls

9 Regional (Canada & USA, Central America, South America, Europe, Eurasia, Middle East, Africa, Asia, Oceania) Totals (in US\$, Euros, Yen and Yuan): http://www.datagroup.org/XLS_File_Samples/Europe_Market_Values_Dollar_Euro.xls http://www.datagroup.org/XLS_File_Samples/Europe_Market_Values_Yen_Yuan.xls

Year / Country Totals (1997 to 2040). http://www.datagroup.org/XLS_File_Samples/Year_2010_Country_Values_Dollars.xls

NAICS / SIC Product definition: 54182 : Public relations agencies

Products covered:

PUBLIC RELATIONS AGENCIES

1. Public relations agencies

World Database Description

Public Relations Agencies Report

The Public Relations Agencies World Report + Database provides data on the net market for the Products and Services covered in each of 205 countries. The Products and Services covered (Public relations agencies) are classified by the 5-Digit United States Commerce Department Major Product Codes and each Product and Services is then further defined and analysed by each 6 to 10-Digit United States Commerce Department Product Codes.

All significant Products/Markets are covered, 2078 pages, 9746 spreadsheets, 9639 database tables, 561 illustrations.

Updated monthly. 12 month After-Sales Service.

Overview

PUBLIC RELATIONS AGENCIES WORLD REPORT + DATABASE

The Public Relations Agencies World Report + Database gives Market Consumption for Products + Services for over 200 countries by 6 to 10-Digit NAICS Product Codes by 3 Time series: From 2007, Forecast to 2028 & 2045.

Countries covered: 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, Kyroyzstan, 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 (2 states), 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.

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 & COUNTRY DATA MARKET DATABASES & SPREADSHEETS FINANCIAL DATABASES & SPREADSHEETS INDUSTRY DATABASES & SPREADSHEETS

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 and database is supplied as a Zip file containing the reports and databases.

All significant Products/Markets covered.

The World Report + Database will contain about 21,000 files, including:

- 1. World Summary Report (PDF) of about 417 pages
- 2. World Summary Report (Word Format) of about 417 pages
- 3. Executive Summary (.htm) about 900 pages
- 4. Executive Briefing (.htm) about 90 pages
- 5. Data Pages about 2078 pages
- 6. Chapters and General (.htm) Pages: about 9,000 pages
- 7. Reference documents (PDF): 140
- 8. Templates which can be used to produce internal reports or documents (Word): 160
- 9. Excel spreadsheet: about 9746
- 10. 4 Access databases: about 9639 tables
- 11. Excel templates, Software tools & utilities, and reference documents: 200 documents
- 12. Maps & Diagrams: 561

Note:

All HTM (.htm) files can be opened in Word and are designed to be paginated and indexed; and can then be output as a Word document, a PDF document, a PowerPoint file, printed hardcopy, et cetera.

All Excel spreadsheets can be opened and processed with Excel; and can be used to produce other Microsoft office document formats, PDF files, printed hardcopy, et cetera.

All Access database tables can be used and processed programmatically. The database are not locked or protected in any way.

Merge text, tables & databases for your own reports, spreadsheet calculations & modelling.

The Excel spreadsheets and Access tables are designed to be an analogue of the U.S. Government databases, specifically the U.S. Census of Manufactures and the U.S. Business Census. As such these reports are presented as Excel spreadsheets and Access tables which are compatible in structure and field names to U.S. Government databases.

There are a large number of Excel spreadsheets and Access tables in each report which are compatible with governmental and NGO databases as well as proprietary database handling software.

The Report + Database are dynamically generated, date stamped and output for each client order; and the client name is shown on the reports & databases.

Clients usually receive their orders via a download link in about 2-3 hours after the publishers receive the order.

Updated monthly. 12 month After-Sales Service.

A 65 page Methodology Manual is available on request.

Toolkits are available on request: 5 DVDs containing over 20GB of Reference documents, Database Utilities, Enterprise Planning, Integrated Development Environment tools, Statistical tools, Software packages, Server add-ons, et al.

This database covers NAICS/SIC code: 54182.

Contents

PUBLIC RELATIONS AGENCIES WORLD REPORT + DATABASE

The Market for Public Relations Agencies in each country by Products & Services.

This database covers NAICS/SIC code: 54182. Products/Services classified by 5-Digit US Commerce Department Code and then defined by each 6 to 10-Digit Product Codes.

The Public Relations Agencies World Report + Database covers:

TIME SERIES : Historic from 2007, Forecast to 2028 & 2045. Data given at industry / distribution channel / service or product line level.

PRODUCTS & MARKETS COVERED

PUBLIC RELATIONS AGENCIES

1. Public relations agencies

59 MARKET RESEARCH CHAPTER

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 Pricina 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 & 2045. 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 & 2045.

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 & 2045.

NATIONAL DATA - by Country by Year.

The report and database is supplied as a Zip file containing the reports and databases. Readers can access & reproduce the information for their own documents or reports. Tables & databases as Access & Excel formats enable readers to produce their own spreadsheet calculations and modelling.

All significant Products covered for over 200 Countries: 2078 pages, 9746 spreadsheets, 9639 database tables, 561 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 Algeria Angola Argentina Armenia Aruba Australia Austria Azerbaijan **Bahamas** Bahrain **Bangladesh Barbados Belarus Belgium Belize Bhutan Bolivia** Bosnia + Herzegovina **Botswana** Brazil **Brunei Bulgaria** Burma Cambodia Cameroon Canada Chile China Colombia **Republic of Congo** D R Congo - Zaire Costa Rica Cote d'Ivoire Croatia Cuba Cyprus **Czech Republic** Denmark Dominica **Dominican Republic** Ecuador Egypt El Salvador Estonia Ethiopia Finland France French Guiana Gabon Gambia Georgia

Germany Ghana Greece Guadeloupe Guatemala Guinea Guinea-Bissau Guyana Haiti Honduras Hong Kong Hungary Iceland India Indonesia Iran Iraq Ireland Israel Italy Jamaica Japan Jordan Kazakhstan Kenya **Korea South Kuwait Kyrgyzstan** Laos Latvia Lebanon Lesotho Liberia Libya Lithuania Luxembourg Macedonia Madagascar Malawi Malaysia Martinique **Mauritius Micronesia** Mexico Moldova Mongolia Morocco Mozambique Namibia Netherlands **Netherlands Antilles** New Zealand

Nicaragua Nigeria Norway Oman Pakistan Panama Papua Paraguay Peru **Philippines** Poland Portugal **Puerto Rico** Qatar Reunion Romania Russia Saudi Arabia Senegal Serbia + Montenegro Sierra Leone Singapore Slovakia Slovenia South Africa Spain Sri Lanka Sudan Suriname Swaziland Sweden Switzerland Syria Taiwan Tajikistan Tanzania Thailand Trinidad Tunisia Turkey Turkmenistan Uganda Ukraine **United Arab Emirates United Kingdom United States** Uruguay Uzbekistan Venezuela Vietnam Zambia Zimbabwe

See Data Caveat below.

Financial Data

The databases will give Financial data for each of the below Public Relations Agencies 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: http://www.datagroup.org/XLS_File_Samples/FOM.xls

Total Sales, Domestic Sales, Exports, Pre-tax Profit, Interest Paid, Non-trading Income, Operating Profit, Depreciation: Structures. 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: <u>http://www.datagroup.org/XLS_File_Samples/GOM.xls</u>

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

Public Relations Agencies 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	2027	Online & DVD	c. 500	Excel Spreadsheets: 9869 Access tables: 9611

Databases & Structures Public Relations Agencies Report Database Root This folder contains a number of general files, plus the various main Chapter Files. Summary Documents Folder The Report contains 2 Summary documents for the Market Research which can be opened in a Browser or as a Word document and paginated. If required these files can then be saved as PDF files:-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 HELP Help documents Also see the HELP folder in Toolkit 1 MAPS **MDB** Access databases MarketResearch.mdb MarketResearch.mdb Table List

• World.mdb World.mdb Table List
World_Product_Sectors.mdb
World_Product_Sectors.mdb Table List
• 🖉 Companyta malh
Corporate.mdb
Corporate.mdb Table List
Base.mdb General & Database Reference tables in 'Base_mdb_Database.zip' file [Size 75.8MB]
Data.exe Supplemental Database extraction [Optional. 547 databases for Modelling Level products. Size 2.56GB]
 Auxiliary_Data.exe Auxiliary Database extraction [Optional. 44 databases for Modelling Level products. Size 298MB]
Data_Help.exe Help file extraction [Optional. 10,400 help files for Modelling Level products. Size 34MB]
• 🛅 Marcs
NAICS Classifications
• EFERENCE Reference documents: 🔤 🤷 & 🖉 links to external databases
Also see the REFERENCE folder in Toolkit 1
 XLS Business Planning & Database Reference Spreadsheets
* - XLS_Corporate Corporate Spreadsheets
Corporate File List
* Subscription Stress Action Actio
Market Research File 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
Albania	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Algeria	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Angola		Forecast	Forecast		Historic		
Argentina	Market			Forecast		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
Bahamas	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Bahrain	Market Market	Forecast Forecast	Forecast Forecast	Forecast	Historic	Historic	Norms Norms
Bangladesh		Forecast	Forecast	Forecast	Historic	Historic	
Barbados	Market			Forecast	Historic	Historic	Norms
Belarus	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Belgium	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Belize	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Bermuda	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Bhutan	Market	Forecast Forecast	Forecast	Forecast	Historic	Historic	Norms
Bolivia	Market		Forecast	Forecast	Historic	Historic	Norms
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	Forecast	Forecast	Forecast	Historic	Historic	Norms
Chad	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Chile	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
China Colombia	Market Market	Forecast Forecast	Forecast Forecast	Forecast Forecast	Historic Historic	Historic Historic	Norms Norms
Costa Rica	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Costa Rica Cote d'Ivoire	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Croatia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Cuba	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Cyprus	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Czech Republic	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Denmark	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
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	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Gambia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Georgia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Germany	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Ghana	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Greece	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Guadeloupe	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Guatemala	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Guinea	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Guinea-Bissau	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Guyana	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
	Markot	. 5100000	. 5100001	. 5100001			

		_	_				
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	Forecast	Forecast	Forecast	Historic	Historic	Norms
Ireland	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Israel	Market	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	Forecast	Historic	Historic	Norms Norms
Lesotho	Market		Forecast	Forecast Forecast	Historic	Historic	
Liberia	Market	Forecast	Forecast		Historic	Historic	Norms
Libya	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Liechtenstein	Market Market	Forecast Forecast	Forecast	Forecast	Historic Historic	Historic Historic	Norms Norms
Lithuania	Market	Forecast	Forecast Forecast	Forecast Forecast	Historic	Historic	Norms
Luxembourg Macedonia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
	Market				Historic	Historic	Norms
Madagascar Malawi	Market	Forecast Forecast	Forecast 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	Forecast	Forecast	Forecast	Historic	Historic	Norms
Morocco	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
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
Saudi Arabia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Senegal	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Serbia & Montenegro	Market	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
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	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
Syria	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Taiwan	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Tajikistan	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	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Turkey	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Turkmenistan	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Uganda	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Ukraine	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
United Arab Emirates	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
United Kingdom	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
United States	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Uruguay	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Uzbekistan	Market	Forecast	Forecast	Forecast	Historic	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	Historic	Norms
Zimbabwe	Market	Forecast	Forecast	Forecast	Historic	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:

http://www.datagroup.org/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
- 6. 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 query 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:-

acslX, 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: <u>http://www.eni-italy.info</u> 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
- $\circ \ \ \, \text{Sampling Terminology}$
- Statistical Terms in Sampling
- Probability Sampling
- Nonprobability Sampling

Measurement

- Construct Validity
 - Measurement of Validity Types
 - o Construct Validity
 - o Convergent & Discriminant Validity
 - o Threats to Construct Validity
 - o Nomological Networks
 - o Multi-trait / Multi-method Matrix
 - Pattern Matching Construct Validity
- Reliability
 - True Score
 - o Measurement Error
 - o Reliability
 - Type of Reliability Analysis
 - o 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
 - Interviews
 - Appraisal of Survey Method
- Scaling
 - o General Issues in Scaling
 - o Thurstone Scaling
 - o Likert Scaling
 - Guttman Scaling
- Qualitative Measures
 - Qualitative Discussion
 - Qualitative Data
 - Qualitative Approach
 - 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
 - \circ Non-equivalent Groups Design
 - Regression-Discontinuity Design
 - Other Quasi-Experimental Design
- Relationships of Pre-Post Designs
- Formulation of the Designs
- Modification & Experimentation
- Analysis
 - Conclusion Validity
 - Threats to Validity
 - Validity Improvements
 - Statistical Control
 - Data Preparation
 - Descriptive Statistics
 Orrelation
 - Inferential Statistics
 - o T-Test
 - $\circ \ \ \text{Indicator Variables}$
 - o General Linear Model
 - Post-test-Only Analysis
 - Factorial Design Analysis
 - Randomized Block Analysis
 - Analysis of Covariance
 - Non-equivalent Group Analysis
 - Regression-Discontinuity Analysis
 - Regression Displacement Analysis

Appendix 1 : Regional Report country coverage

Canada & USA Canada United States

Central America

Antigua and Barbuda* Aruba **Bahamas Barbados** Belize Bermuda* Cayman Islands* Costa Rica Cuba Dominica **Dominican Republic** El Salvador Grenada* Guadeloupe Guatemala Haiti Honduras Jamaica Martinique Mexico **Netherlands Antilles** Nicaragua Panama Puerto Rico Saint Kitts and Nevis* Saint Lucia* Saint Vincent Grenadines* Trinidad and Tobago US Virgin Islands*

South America

Argentina Bolivia Brazil Chile Colombia Ecuador French Guiana Guyana Paraguay Paraguay Peru Suriname Uruguay Venezuela Europe Albania Andorra* Armenia Austria **Belarus** Belgium Bosnia + Herzegovina <u>Bulgaria</u> Croatia Cyprus Czech Republic **Denmark** Finland France Eire Estonia Georgia Germany Greece Greenland* Hungary Iceland Italy Latvia Liechtenstein* Lithuania Luxembourg Macedonia Malta* Moldova Montenegro Netherlands Norway Poland Portugal Romania Serbia* Slovakia Slovenia Spain Sweden Switzerland United Kingdom Ukraine Eurasia **Kazakhstan** <u>Kyrgyzstan</u>

Middle East Afghanistan* Azerbaijan **Bahrain** Iran Iraq Israel Jordan **Kuwait** Lebanon Oman Pakistan Qatar Saudi Arabia Syria Tajikistan Turkey Turkmenistan **United Arab Emirates** Yemen*

Asia

Bangladesh Brunei* Burma* Cambodia China India Indonesia Japan Laos Malaysia Mongolia* Nepal* North Korea* Philippines Singapore South Korea Sri Lanka Taiwan Thailand Vietnam

Oceania

Australia Fiji Islands* French Polynesia* Kiribati* Micronesia* New Caledonia* New Zealand Papua New Guinea Africa Algeria Angola Benin* **Botswana** Burkina Faso* Burundi* Cameroon Cape Verde* Cen African Rep* Chad* Cote d'Ivoire Democratic Republic Congo* Diibouti* Egypt Equatorial Guinea* Eritrea Ethiopia Gabon Gambia Ghana Guinea Guinea-Bissau Kenya Lesotho Liberia Libya Madagascar Malawi Mali* Mauritania* Morocco Mozambique Namibia Niger* Nigeria Republic Congo* Rwanda* S Tome Principe* Senegal Seychelles* Sierra Leone Somalia* South Africa Sudan* Swaziland Tanzania Tunisia Uganda Zambia Zimbabwe

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

<u>Russia</u> Uzbekistan

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 19,099 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.
- 3. 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 4.
- Pricing by product sector defined by the client. 5.
- 6. Discount structures
- 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 Target Company:

- Product Revenue 1.
- Product Profitability as a % of Sales 2.
- 3. Total Process Space
- 4. Average Site Process Space
- 5. Average Site Revenues
- 6. Average Site Establishment Cost
- 7. Fixed Assets: Premises
- 8. 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: 💹 as an Excel file:

- 1. Return on Capital
- Return on Assets 2.
- Return on Shareholders' Funds 3.
- Pre-tax Profit Margins 4.
- **Operating Profit Margin** 5.
- Trading Profit Margin 6.
- Return on Investment 7.
- Assets Utilisation (Sales to Total Assets) 8
- Sales as a ratio of Fixed Assets 9
- 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)

- 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

- 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

61. Un-recoverable Debts Ratio of Total Debt

- 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 / Sales97. Materials & Energy Costs as a % of Sales
- 97. Materials & Energy Costs as a % of Sal
- 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.