

# PDF Express Edilion



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Fats & Oils Refining & Blending

## 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 Fats & Oils Refining & Blending 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 Fats & oils refining & blending.

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### **Express Edition**

### Fats & Oils Refining & Blending

NAICS / SIC / SERIES: 311225

This PDF Express edition has 820 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.

#### FATS + OILS REFINING + BLENDING

- 1. Fats & oils refining & blending
- 2. Shortening & cooking oils (edible)
- 3. Baking or frying fats (shortening), 100 percent vegetable oil (edible)
- 4. Baking or frying fats (shortening), 100 percent animal fat or blends of vegetable oil & animal fat (edible)
- 5. Edible hydrogenated oils other than baking or frying fats (for confectionery fats, mellorine fats, whipped topping,

etc.)

6. Partially hydrogenated edible soybean cooking or salad oil (fully refined & deodorized at the same establishment)

- 7. All other fully refined edible shortening & cooking oils, except corn
- 8. Other edible soybean cooking or salad oil (fully refined & deodorized at the same establishment)
- 9. Edible cottonseed cooking or salad oil (fully refined & deodorized at the same establishment)
- 10. Edible mixtures of vegetable cooking or salad oil (fully refined & deodorized at the same establishment)
- 11. All other edible cooking or salad oil (fully refined & deodorized at the same establishment)
- 12. Edible vegetable oil winter stearin
- 13. Edible canola oil used for margarine
- 14. Other edible oils used for margarine
- 15. All other fully refined edible shortening & cooking oils, except corn
- 16. Foots, vegetable oil
- 17. Vegetable oil mills, except corn, cottonseed & soybean (processing purchased vegetable oils)
- 18. Cottonseed oil, once-refined, purchased & deodorized only
- 19. Soybean oil, once-refined, purchased & deodorized only
- 20. Palm oil, once-refined, purchased & deodorized only
- 21. Coconut oil, once-refined, purchased & deodorized only
- 22. Peanut oil, once-refined, purchased & deodorized only
- 23. Sunflower oil, once-refined, purchased & deodorized only
- 24. Other oils, once-refined, except cottonseed, soybean, linseed, peanut, or sunflower, purchased & deodorized

only

- 25. Shortening & cooking oils, nsk
- 26. Shortening and cooking oils
- 27. Baking or frying fats (shortening), 100% vegetable oil, edible
- 28. Baking/frying fats, 100% animal fat/blends of vegetable/animal
- 29. Hydrogenated oils, except baking or frying fats, edible
- 30. Partially hydrogenated soybean cooking or salad oil, edible
- 31. All other fully refined shortening and cooking oils, edible
- 32. Other soybean cooking or salad oil, edible
- 33. Cottonseed cooking or salad oil, edible
- 34. Mixtures of vegetable cooking or salad oil, edible
- 35. All other cooking or salad oil, edible
- 36. Vegetable oil winter stearin, edible

- 37. Canola oil used for margarine, edible
- 38. Fully-refined corn oil, made from purchased material
- 39. Other oils used for margarine, edible
- 40. All other fully refined shortening and cooking oils, edible
- 41. Vegetable oil mills, except corn, cottonseed and soybean
- 42. Cottonseed oil, once-refined, purchased and deodorized only
- 43. Soybean oil, once-refined, purchased and deodorized only
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- 48. Other oils, once-refined
- 49. Once-refined corn oil, purchased and deodorized only
- 50. Shortening and cooking oils, nsk
- 51. Margarine, incl butter blends
- 52. Fats & oils refining & blending, nsk, total
- 53. Fats & oils refining & blending, nsk, nonadministrative-record
- 54. Fats & oils refining & blending, nsk, administrative-record

#### 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**

### Fats & Oils Refining & Blending Report

The Fats & Oils Refining & Blending 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 55 Products & Markets are quantified in US\$, by each year (7 historic & 7 forecast years).

Financial data is provided for Fats & Oils Refining & Blending, 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 Fats & Oils Refining & Blending, by country, by year. The Industry Data is based on 316 Companies and Entities which Supply or Distribute Fats & Oils Refining & Blending.

This Fats & Oils Refining & Blending Report is a PDF Express Edition. 820 pages. Updated monthly.

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339.	New Zealand Financials Forecast
340.	New Zealand Industry Norms
341.	Nicaragua Market Historic : US\$ Million
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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
	Nigeria Industry Norms
351.	Norway Market Historic : US\$ Million
351. 352.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million
	Norway Market Historic : US\$ Million
352. 353.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic
352. 353. 354.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic Norway Financials Forecast
352. 353. 354. 355.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic Norway Financials Forecast Norway Industry Norms
352. 353. 354. 355. 356.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic Norway Financials Forecast Norway Industry Norms Pakistan Market Historic : US\$ Million
352. 353. 354. 355.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic Norway Financials Forecast Norway Industry Norms Pakistan Market Historic : US\$ Million Pakistan Market Forecast : US\$ Million
352. 353. 354. 355. 356. 357.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic Norway Financials Forecast Norway Industry Norms Pakistan Market Historic : US\$ Million
352. 353. 354. 355. 356. 357. 358.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic Norway Financials Forecast Norway Industry Norms Pakistan Market Historic : US\$ Million Pakistan Market Forecast : US\$ Million Pakistan Financials Historic
352. 353. 354. 355. 356. 357. 358. 359.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic Norway Financials Forecast Norway Industry Norms Pakistan Market Historic : US\$ Million Pakistan Market Forecast : US\$ Million Pakistan Financials Historic Pakistan Financials Forecast
352. 353. 354. 355. 356. 357. 358. 359. 360.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic Norway Financials Forecast Norway Industry Norms Pakistan Market Historic : US\$ Million Pakistan Market Forecast : US\$ Million Pakistan Financials Historic Pakistan Financials Forecast Pakistan Industry Norms
352. 353. 354. 355. 356. 357. 358. 359. 360. 361.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic Norway Financials Forecast Norway Industry Norms Pakistan Market Historic : US\$ Million Pakistan Market Forecast : US\$ Million Pakistan Financials Historic Pakistan Financials Forecast Pakistan Industry Norms Panama Market Historic : US\$ Million
352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic Norway Financials Forecast Norway Industry Norms Pakistan Market Historic : US\$ Million Pakistan Market Forecast : US\$ Million Pakistan Financials Historic Pakistan Financials Forecast Pakistan Industry Norms Panama Market Historic : US\$ Million Panama Market Forecast : US\$ Million
352. 353. 354. 355. 356. 357. 358. 359. 360. 361.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic Norway Financials Forecast Norway Industry Norms Pakistan Market Historic : US\$ Million Pakistan Market Forecast : US\$ Million Pakistan Financials Historic Pakistan Financials Forecast Pakistan Industry Norms Panama Market Historic : US\$ Million
352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic Norway Financials Forecast Norway Industry Norms Pakistan Market Historic : US\$ Million Pakistan Market Forecast : US\$ Million Pakistan Financials Historic Pakistan Financials Forecast Pakistan Industry Norms Panama Market Historic : US\$ Million Panama Market Forecast : US\$ Million Panama Market Forecast : US\$ Million Panama Market Forecast : US\$ Million
352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic Norway Financials Forecast Norway Industry Norms Pakistan Market Historic : US\$ Million Pakistan Market Forecast : US\$ Million Pakistan Financials Historic Pakistan Financials Forecast Pakistan Industry Norms Panama Market Historic : US\$ Million Panama Market Forecast : US\$ Million Panama Market Forecast : US\$ Million Panama Financials Historic Panama Financials Historic
352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic Norway Financials Forecast Norway Industry Norms Pakistan Market Historic : US\$ Million Pakistan Market Forecast : US\$ Million Pakistan Financials Historic Pakistan Financials Forecast Pakistan Industry Norms Panama Market Historic : US\$ Million Panama Market Forecast : US\$ Million Panama Market Forecast : US\$ Million Panama Financials Historic Panama Financials Forecast Panama Financials Forecast Panama Financials Forecast Panama Industry Norms
352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic Norway Financials Forecast Norway Industry Norms Pakistan Market Historic : US\$ Million Pakistan Market Forecast : US\$ Million Pakistan Financials Historic Pakistan Financials Forecast Pakistan Industry Norms Panama Market Historic : US\$ Million Panama Market Forecast : US\$ Million Panama Financials Historic Panama Financials Historic Panama Financials Forecast Panama Financials Historic Panama Financials Forecast Panama Industry Norms Paraguay Market Historic : US\$ Million
352.         353.         354.         355.         356.         357.         358.         359.         360.         361.         362.         363.         364.         365.         366.         367.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic Norway Financials Forecast Norway Industry Norms Pakistan Market Historic : US\$ Million Pakistan Market Forecast : US\$ Million Pakistan Financials Historic Pakistan Financials Forecast Pakistan Industry Norms Panama Market Historic : US\$ Million Panama Market Forecast : US\$ Million Panama Financials Historic Panama Financials Historic Panama Financials Historic Panama Financials Forecast Panama Industry Norms Paraguay Market Historic : US\$ Million Paraguay Market Forecast : US\$ Million
352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic Norway Financials Forecast Norway Industry Norms Pakistan Market Historic : US\$ Million Pakistan Market Forecast : US\$ Million Pakistan Financials Historic Pakistan Financials Forecast Pakistan Industry Norms Panama Market Historic : US\$ Million Panama Market Forecast : US\$ Million Panama Financials Historic Panama Financials Historic Panama Financials Forecast Panama Financials Historic Panama Financials Forecast Panama Industry Norms Paraguay Market Historic : US\$ Million
352.         353.         354.         355.         356.         357.         358.         359.         360.         361.         362.         363.         364.         365.         366.         367.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic Norway Financials Forecast Norway Industry Norms Pakistan Market Historic : US\$ Million Pakistan Market Forecast : US\$ Million Pakistan Financials Historic Pakistan Financials Forecast Pakistan Industry Norms Panama Market Historic : US\$ Million Panama Market Forecast : US\$ Million Panama Financials Historic Panama Financials Forecast Panama Financials Historic Panama Industry Norms Paraguay Market Historic : US\$ Million Paraguay Market Forecast : US\$ Million Paraguay Market Forecast : US\$ Million Paraguay Financials Historic
352.         353.         354.         355.         356.         357.         358.         359.         360.         361.         362.         363.         364.         365.         366.         367.         368.	Norway Market Historic : US\$ Million Norway Market Forecast : US\$ Million Norway Financials Historic Norway Financials Forecast Norway Industry Norms Pakistan Market Historic : US\$ Million Pakistan Market Forecast : US\$ Million Pakistan Financials Historic Pakistan Financials Forecast Pakistan Industry Norms Panama Market Historic : US\$ Million Panama Market Forecast : US\$ Million Panama Financials Historic Panama Financials Historic Panama Financials Historic Panama Financials Forecast Panama Industry Norms Paraguay Market Historic : US\$ Million Paraguay Market Forecast : US\$ Million

371.	Peru Market Historic : US\$ Million
372.	Peru Market Forecast : US\$ Million
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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.	Russia Industry Norms
401.	Saudi Arabia Market Historic : US\$ Million
402.	Saudi Arabia Market Forecast : US\$ Million
	Saudi Arabia Financials Historic
403.	
404.	Saudi Arabia Financials Forecast
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
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427.	South Africa Market Forecast : US\$ Million
428. 429.	South Africa Financials Historic South Africa Financials Forecast

430. South Africa Industry Norms

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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
	Taiwan Market Historic : US\$ Million
461.	
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
475. 476.	Tunisia Market Historic : US\$ Million
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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
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486.	Uganda Market Historic : US\$ Million
487.	Uganda Market Forecast : US\$ Million
488.	Uganda Financials Historic
489.	Uganda Financials Forecast
490.	Uganda Industry Norms
491.	Ukraine Market Historic : US\$ Million
492.	Ukraine Market Forecast : US\$ Million
493.	Ukraine Financials Historic
494.	Ukraine Financials Forecast
495.	Ukraine Industry Norms
496.	United Arab Emirates Market Historic : US\$ Million
497.	United Arab Emirates Market Forecast : US\$ Million
498.	United Arab Emirates Financials Historic
499.	United Arab Emirates Financials Forecast
500.	United Arab Emirates Industry Norms
501.	United Kingdom Market Historic : US\$ Million
502.	United Kingdom Market Forecast : US\$ Million
503.	United Kingdom Financials Historic
504.	United Kingdom Financials Forecast
505.	United Kingdom Industry Norms
506.	United States Market Historic : US\$ Million
507.	United States Market Forecast : US\$ Million
508.	United States Financials Historic
509.	United States Financials Forecast
510.	United States Industry Norms
511.	Uruguay Market Historic : US\$ Million
512.	Uruguay Market Forecast : US\$ Million
513.	Uruguay Financials Historic
514.	Uruguay Financials Forecast
515.	Uruguay Industry Norms
516.	Uzbekistan Market Historic : US\$ Million
517.	Uzbekistan Market Forecast : US\$ Million
518.	Uzbekistan Financials Historic
519.	Uzbekistan Financials Forecast
520.	Uzbekistan Industry Norms
521.	Venezuela Market Historic : US\$ Million
522.	Venezuela Market Forecast : US\$ Million
523.	Venezuela Financials Historic
524.	Venezuela Financials Forecast
525.	Venezuela Industry Norms
526.	Vietnam Market Historic : US\$ Million
527.	Vietnam Market Forecast : US\$ Million
528.	Vietnam Financials Historic
529.	Vietnam Financials Forecast
530.	Vietnam Industry Norms
531.	Zambia Market Historic : US\$ Million
532.	Zambia Market Forecast : US\$ Million
533.	Zambia Financials Historic
534.	Zambia Financials Forecast

535. Zambia Industry Norms

### **Countries Covered**

Algeria Argentina Australia Austria Azerbaiian Bahrain Bangladesh **Belarus** Belaium 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 316 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     LICENDD       24     TOTAL CAPITAL EXPENDITURE     % Sales       24     TOTAL CAPITAL EXPENDITURE     % Sales       25     RETIREMENTS: STRUCTURES     % Sales       26     RETIREMENTS: INSCELLANEOUS ITEMS     % Sales       27     RETIREMENTS: MISCELLANEOUS ITEMS     % Sales       28     TOTAL RETIREMENTS     % Sales       29     TOTAL RETIREMENTS     % Sales       20     TOTAL RETIREMENTS     % Sales       21     TOTAL RETIREMENTS     % Sales       22     TOTAL SESTS     % Sales       23     MATERIALS AS STOCKS     % Sales       24     DEBTORS     % Sales       25     MISCELLANEOUS CURRENT ASSETS     % Sales       26     CREDITORS     % Sales       27     TOTAL CURRENT LIABILITES     % Sales       28     ORTERNE LIABILITES     % Sales       29     NISCELLANEOUS CURRENT LIABILITES     % Sales       20     NISCELLANEOUS CURRENT LIABILITES     % Sales       21     TOTAL CURRENT LIABILITES     % Sales       22     NET ASSETS / CAPITAL EMPLOYED     % Sales       23     MISCELLANEOUS CURRENT LIABILITIES     % Sales       24     NORK IN ST QUARTER     % of Annual       25			
25       RETIREMENTS. STRUCTURES       % Sales         26       RETIREMENTS. PLANT AND EQUIPMENT       % Sales         27       RETIREMENTS. MISCELLANEOUS ITEMS       % Sales         27       TOTAL FRITEMENTS'       % Sales         28       TOTAL FRITEMENTS'       % Sales         29       TOTAL FRITEMENTS'       % Sales         20       FINISHED PRODUCT STOCKS       % Sales         21       WORK IN PROGRESS AS STOCKS       % Sales         22       MATERIALS AS STOCKS       % Sales         33       TOTAL STOCKS & INVENTORY       % Sales         34       DEBTORS       % Sales         35       MISCELLANEOUS CURRENT ASSETS       % Sales         36       COTAL CURRENT LASSETS       % Sales         37       TOTAL CURRENT LIABILITIES       % Sales         38       GREDITORS       % Sales         39       SHORT TERM LOANS       % Sales         44       LOR TERM LOANS       % Sales         45       NESCELLANEOUS CURRENT LIABILITIES       % Sales         46       MISCELLANEOUS LONG TERM LIABILITIES       % Sales         47       HOURS WORKED       % Sales         48       MORKIN IN STO QUARTER       % of Annua	Row	TITLE	LEGEND
2     RETIREMENTS: PLANT AND EQUIPMENT     % Sales       27     RETIREMENTS: MISCELLANEOUS ITEMS     % Sales       28     TOTAL RETIREMENTS     % Sales       29     TOTAL RETIREMENTS     % Sales       20     TOTAL RETIREMENTS     % Sales       20     TOTAL RETIREMENTS     % Sales       20     TOTAL RETIREMENTS: MISCELLANEOUS ITEMS     % Sales       20     TOTAL RETIREMENTS: MISCELLANEOUS COKS     % Sales       21     MATERIALS AS STOCKS     % Sales       22     MATERIALS AS STOCKS     % Sales       23     TOTAL STOCKS & INVENTORY     % Sales       24     DEBTORS     % Sales       25     TOTAL ASSETS     % Sales       26     TOTAL ASSETS     % Sales       27     TOTAL ASSETS     % Sales       28     SARENELANEOUS CURRENT LIABILITIES     % Sales       29     SHORT TERM LOANS     % Sales       20     SARENELDENS FUNDS     % Sales       21     TOTAL CURRENT LIABILITIES     % Sales       24     LONG TERM LOANS     % Sales       25     SHARENCLDERS FUNDS     % Sales       24     LONG TERM LOANS     % Sales       25     MISCELLANEOUS LONG TERM LIABILITIES     % Sales       26     WORKEN <td>24</td> <td>TOTAL CAPITAL EXPENDITURE</td> <td>% Sales</td>	24	TOTAL CAPITAL EXPENDITURE	% Sales
PETIREMENTS: MISCELLANEOUS ITEMS     % Sales       27     RETIREMENTS     % Sales       28     TOTAL RETIREMENTS     % Sales       29     TOTAL FETIREMENTS     % Sales       20     TOTAL FETIREMENTS     % Sales       21     TOTAL FETIREMENTS     % Sales       22     TOTAL FETIREMENTS     % Sales       21     WORK IN PROGRESS AS STOCKS     % Sales       22     MATERIALS AS TOCKS     % Sales       23     TOTAL STOCKS     % Sales       24     DEBTORS     % Sales       25     MISCELLANEOUS CURRENT ASSETS     % Sales       26     CREDITORS     % Sales       27     TOTAL CURRENT LASSETS     % Sales       28     CREDITORS     % Sales       29     SHORT TERM LOANS     % Sales       20     MISCELLANEOUS CURRENT LIABILITIES     % Sales       24     NET ASSETS / CAPITAL EMPLOYED     % Sales       24     NET ASSETS / CAPITAL EMPLOYED     % Sales       24     MORK RERS     persons       24     MORK RERS     persons       24     WORK IN STO QUARTER     % of Annual       25     FUNCK NATH QUARTER     % of Annual       26     RAW MATERIALS COST     % Sales       26 <td< td=""><td>25</td><td>RETIREMENTS: STRUCTURES</td><td>% Sales</td></td<>	25	RETIREMENTS: STRUCTURES	% Sales
28     TOTAL RETIREMENTS     % Sales       29     TOTAL FIXED ASSETS     % Sales       30     FINISHED PRODUCT STOCKS     % Sales       31     WORK IN PROGRESS AS STOCKS     % Sales       32     MATERIALS AS STOCKS     % Sales       33     TOTAL STOCKS & INVENTORY     % Sales       34     DEBTORS     % Sales       35     MISCELLANEOUS CURRENT ASSETS     % Sales       36     TOTAL CURRENT ASSETS     % Sales       37     TOTAL ASSETS     % Sales       38     CREDITORS     % Sales       39     SHORT TERM LOANS     % Sales       40     MISCELLANEOUS CURRENT LIABILITIES     % Sales       41     TOTAL CURRENT LIABILITIES     % Sales       42     NET ASSETS / CAPITAL EMPLOYED     % Sales       43     SHAREHOLDERS FUNDS     % Sales       44     LONG TERM LOANS     % Sales       45     MISCELLANEOUS LONG TERM LIABILITIES     % Sales       46     WORKERS     % Sales       47     HOURS WORKED     Hours       48     WORK IN 1ST QUARTER     % of Annual       49     WORK IN 2ND QUARTER     % of Annual       40     WORK IN 2ND QUARTER     % of Annual       41     WORK IN 2ND QUARTER     %	26	RETIREMENTS: PLANT AND EQUIPMENT	% Sales
29     TOTAL FIXED ASSETS     % Sales       30     FINISHED PRODUCT STOCKS     % Sales       31     WORK IN PROGRESS AS STOCKS     % Sales       32     MATERIALS AS STOCKS     % Sales       33     TOTAL STOCKS & INVENTORY     % Sales       34     DEBTORS     % Sales       35     MISCELLANEOUS CURRENT ASSETS     % Sales       36     TOTAL CURRENT ASSETS     % Sales       37     TOTAL ASSETS     % Sales       38     CREDITORS     % Sales       39     SHORT TERM LOANS     % Sales       30     MISCELLANEOUS CURRENT LIABILITIES     % Sales       40     MISCELLANEOUS CURRENT LIABILITIES     % Sales       41     LONG TERM LOANS     % Sales       42     NET ASSETS / CAPITAL EMPLOYED     % Sales       43     SHAREHOLDERS FUNDS     % Sales       44     LONG TERM LIABILITIES     % Sales       45     MISCELLANEOUS LONG TERM LIABILITIES     % Sales       46     WORK KERS     persons       47     HOURS WORKED     Hours       48     WORK IN STD QUARTER     % of Annual       50     WORK IN ATH QUARTER     % of Annual       51     WORK IN ATH QUARTER     % of Annual       52     TOTAL EMPLOYEES	27	RETIREMENTS: MISCELLANEOUS ITEMS	% Sales
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       CREDTORS       % Sales         39       SHORT TERM LOANS       % Sales         30       MISCELLANEOUS CURRENT LIABILITIES       % Sales         310       MISCELLANEOUS CURRENT LIABILITIES       % Sales         311       TOTAL CURRENT LIABILITIES       % Sales         312       NET ASSETS / CAPITAL EMPLOYED       % Sales         314       TOTAL CURRENT LIABILITIES       % Sales         315       MISCELLANEOUS LONG TERM LIABILITIES       % Sales         314       LONG TERM LOANS       % Sales         315       MISCELLANEOUS LONG TERM LIABILITIES       % Sales         316       WORK IN 1ST QUARTER       % dannual         317       HOURS WORKED       HOURS         318       WORK IN 1ST QUARTER       % dann	28	TOTAL RETIREMENTS	% Sales
WORK IN PROGRESS AS STOCKS     % Sales       11     WORK IN STOCKS     % Sales       12     MATERIALS AS STOCKS     % Sales       13     TOTAL STOCKS & INVENTORY     % Sales       14     DEBTORS     % Sales       15     MISCELLANEOUS CURRENT ASSETS     % Sales       16     TOTAL CURRENT ASSETS     % Sales       17     TOTAL ASSETS     % Sales       18     CREDITORS     % Sales       18     CREDITORS     % Sales       19     SHORT TERM LOANS     % Sales       10     MISCELLANEOUS CURRENT LIABILITIES     % Sales       11     TOTAL CURRENT LIABILITIES     % Sales       12     NET ASSETS / CAPITAL EMPLOYED     % Sales       14     LONG TERM LOANS     % Sales       14     LONG TERM LOANS     % Sales       15     MISCELLANEOUS LONG TERM LIABILITIES     % Sales       14     LONG TERM LOANS     % Sales       15     MISCELLANEOUS LONG TERM LIABILITIES     % Sales       16     WORK IN 1ST QUARTER     persons       17     HOURS WORKED     HOURS       18     WORK IN 1ST QUARTER     % of Annual       19     WORK IN 1ST QUARTER     % of Annual       10     WORK IN ATHERIALS COST     % Sales	29	TOTAL FIXED ASSETS	% Sales
MATERIALS AS STOCKS     % Sales       33     TOTAL STOCKS & INVENTORY     % Sales       34     DEBTORS     % Sales       35     MISCELLANEOUS CURRENT ASSETS     % Sales       36     TOTAL CURRENT ASSETS     % Sales       37     TOTAL ASSETS     % Sales       38     CREDITORS     % Sales       39     SHORT TERM LOANS     % Sales       40     MISCELLANEOUS CURRENT LIABILITIES     % Sales       41     TOTAL CURRENT LIABILITIES     % Sales       42     NET ASSETS / CAPITAL EMPLOYED     % Sales       43     SHAREHOLDERS FUNDS     % Sales       44     LONG TERM LOANS     % Sales       45     MISCELLANEOUS LONG TERM LIABILITIES     % Sales       44     WORK TERS     persons       45     MISCELANEOUS LONG TERM LIABILITIES     % Sales       46     WORK IN STOUARTER     Moral       47     HOURS WORKED     Hours       48     WORK IN STOUARTER     % of Annual       49     WORK IN STOUARTER     % of Annual       41     UOARTER     % of Annual       54     FINISHED MATERIALS COST     % Sales       54     FUNISHED MATERIALS COST     % Sales       55     FUEL COST     % Sales	30	FINISHED PRODUCT STOCKS	% Sales
33TOTAL STOCKS & INVENTORY% Sales34DEBTORS% Sales35MISCELLANEOUS CURRENT ASSETS% Sales36TOTAL CURRENT ASSETS% Sales37TOTAL ASSETS% Sales38CREDITORS% Sales39SHORT TERM LOANS% Sales40MISCELLANEOUS CURRENT LIABILITIES% Sales41TOTAL CURRENT LIABILITIES% Sales42NET ASSETS / CAPITAL EMPLOYED% Sales43SHAREHOLDERS FUNDS% Sales44LONG TERM LOANS% Sales45MISCELLANEOUS CURRENT LIABILITIES% Sales46WORK ENSpersons47HOURS WORKEDHours48WORK IN ST QUARTER% of Annual49WORK IN 1ST QUARTER% of Annual50WORK IN 3RD QUARTER% of Annual51WORK IN 3RD QUARTER% of Annual52TOTAL EMPLOYEESpersons53RAW MATERIALS COST% Sales54FINISHED MATERIALS COST% Sales55FUEL COST% Sales56ELECTRICITY COST% Sales57TOTAL INPUT SUPPLIES / MATERIALS AND ENERGY COSTS% Sales58PAYROLL COSTS% Sales59WAGESMAEES% Sales50DIRCTORS' REMUNERATIONS% Sales51EMPLOYEE BENEFITS% Sales52COMMISSIONS & INCENTIVES PAID% Sales53GOTAL REMUNERATIONS% Sales54	31	WORK IN PROGRESS AS STOCKS	% Sales
AL     DEBTORS     % Sales       35     MISCELLANEOUS CURRENT ASSETS     % Sales       36     TOTAL CURRENT ASSETS     % Sales       37     TOTAL ASSETS     % Sales       38     CREDITORS     % Sales       38     CREDITORS     % Sales       39     SHORT TERM LOANS     % Sales       40     MISCELLANEOUS CURRENT LIABILITIES     % Sales       41     TOTAL CURRENT LIABILITIES     % Sales       42     NET ASSETS / CAPITAL EMPLOYED     % Sales       43     SHAREHOLDERS FUNDS     % Sales       44     LONG TERM LIABILITIES     % Sales       45     MISCELLANEOUS LONG TERM LIABILITIES     % Sales       46     WORKERS     persons       47     HOURS WORKED     Hours       48     WORK IN STO QUARTER     % of Annual       49     WORK IN STO QUARTER     % of Annual       50     WORK IN STO QUARTER     % of Annual       51     WORK IN ATH QUARTER     % of Annual       52     TOTAL EMPLOYEES     persons       53     RAW MATERIALS COST     % Sales       54     FINISHED MATERIALS COST     % Sales       55     FUEL COST     % Sales       56     ELECTRICITY COST     % Sales	32	MATERIALS AS STOCKS	% Sales
MISCELLANEOUS CURRENT ASSETS     % Sales       36     TOTAL CURRENT ASSETS     % Sales       37     TOTAL ASSETS     % Sales       38     CREDITORS     % Sales       39     SHORT TERM LOANS     % Sales       40     MISCELLANEOUS CURRENT LIABILITIES     % Sales       41     TOTAL CURRENT LIABILITIES     % Sales       42     NET ASSETS / CAPITAL EMPLOYED     % Sales       43     SHAREHOLDERS FUNDS     % Sales       44     LONG TERM LOANS     % Sales       45     MISCELLANEOUS LONG TERM LIABILITIES     % Sales       46     WORKERS     persons       47     HOURS WORKED     Hours       48     WORK IN 1ST QUARTER     % of Annual       49     WORK IN 1ST QUARTER     % of Annual       40     WORK IN 2ND QUARTER     % of Annual       51     WORK IN 3RD QUARTER     % of Annual       52     RAW MATERIALS COST     % Sales       53     RAW MATERIALS COST     % Sales       54     FINISHED MATERIALS AND ENERGY COSTS     % Sales       55     FUEL COST     % Sales       56     ELECTRICITY COST     % Sales       57     TOTAL LONDY SUPPLIES / MATERIALS AND ENERGY COSTS     % Sales       59     WARES <t< td=""><td>33</td><td>TOTAL STOCKS &amp; INVENTORY</td><td>% Sales</td></t<>	33	TOTAL STOCKS & INVENTORY	% Sales
36     TOTAL CURRENT ASSETS     % Sales       37     TOTAL ASSETS     % Sales       38     CREDITORS     % Sales       39     SHORT TERM LOANS     % Sales       40     MISCELLANEOUS CURRENT LIABILITIES     % Sales       41     TOTAL CURRENT LIABILITIES     % Sales       42     NET ASSETS / CAPITAL EMPLOYED     % Sales       43     SHAREHOLDERS FUNDS     % Sales       44     LONG TERM LOANS     % Sales       45     MISCELLANEOUS LONG TERM LIABILITIES     % Sales       46     WORKERS     persons       47     HOURS WORKED     Hours       48     WORK IN 1ST QUARTER     % of Annual       49     WORK IN STD QUARTER     % of Annual       50     WORK IN 4TH QUARTER     % of Annual       51     WORK IN 4TH QUARTER     % of Annual       52     RAW MATERIALS COST     % Sales       54     FINISHED MATERIALS COST     % Sales       55     FUEL COST     % Sales       56     ELECTRICITY COST     % Sales       57     TOTAL LUPUT SUPPLIES / MATERIALS AND ENERGY COSTS     % Sales       58     PAYROLL COSTS     % Sales       59     WAGES     % Sales       50     DIRECTORS' REMUNERATIONS     % S	34	DEBTORS	% Sales
37TOTAL ASSETS% Sales38CREDITORS% Sales39SHORT TERM LOANS% Sales40MISCELLANEOUS CURRENT LIABILITIES% Sales41TOTAL CURRENT LIABILITIES% Sales42NET ASSETS / CAPITAL EMPLOYED% Sales43SHAREHOLDERS FUNDS% Sales44LONG TERM LOANS% Sales45MISCELLANEOUS LONG TERM LIABILITIES% Sales46WORKERSpersons47HOURS WORKEDHours48WORK IN 1ST QUARTER% of Annual50WORK IN 2DQUARTER% of Annual51WORK IN 3RD QUARTER% of Annual52TOTAL EMPLOYEESpersons53RAW MATERIALS COST% Sales54FINISHED MATERIALS COST% Sales55FUEL COST% Sales56ELECTRICITY COST% Sales57TOTAL INPUT SUPPLIES / MATERIALS AND ENERGY COSTS% Sales58PAYROLL COSTS% Sales59WAGES% Sales50DIRECTORS' REMUNERATIONS% Sales51EMPLOYEE BENEFITS% Sales52COMMISSIONS & INCENTIVES PAID% Sales53RENTAL & LEASING: STRUCTURES% Sales56RENTAL & LEASING: STRUCTURES <t< td=""><td>35</td><td>MISCELLANEOUS CURRENT ASSETS</td><td>% Sales</td></t<>	35	MISCELLANEOUS CURRENT ASSETS	% Sales
CREDITORS       % Sales         38       CREDITORS       % Sales         39       SHORT TERM LOANS       % Sales         40       MISCELLANEOUS CURRENT LIABILITIES       % Sales         41       TOTAL CURRENT LIABILITIES       % Sales         42       NET ASSETS / CAPITAL EMPLOYED       % Sales         43       SHAREHOLDERS FUNDS       % Sales         44       LONG TERM LOANS       % Sales         45       MISCELLANEOUS LONG TERM LIABILITIES       % Sales         46       WORKERS       persons         47       HOURS WORKED       Hours         48       WORK IN STQ QUARTER       % of Annual         50       WORK IN SAD QUARTER       % of Annual         51       WORK IN ATH QUARTER       % of Annual         52       TOTAL EMPLOYEES       persons         53       RAW MATERIALS COST       % Sales         54       FINISHED MATERIALS COST       % Sales         55       FUEL COST       % Sales         56       ELECTRICITY COST       % Sales         57       TOTAL INPUT SUPPLIES / MATERIALS AND ENERGY COSTS       % Sales         58       PAYROLL COSTS       % Sales         59       W	36	TOTAL CURRENT ASSETS	% Sales
39SHORT TERM LOANS% Sales40MISCELLANEOUS CURRENT LIABILITIES% Sales41TOTAL CURRENT LIABILITIES% Sales42NET ASSETS / CAPITAL EMPLOYED% Sales43SHAREHOLDERS FUNDS% Sales44LONG TERM LOANS% Sales45MISCELLANEOUS LONG TERM LIABILITIES% Sales46WORKERSpersons47HOURS WORKEDHours48WORK IN 1ST QUARTER% of Annual49WORK IN 1ST QUARTER% of Annual50WORK IN 3RD QUARTER% of Annual51WORK IN 3RD QUARTER% of Annual52TOTAL EMPLOYEESpersons53RAW MATERIALS COST% Sales54FINISHED MATERIALS COST% Sales55FUEL COST% Sales56ELECTRICITY COST% Sales57TOTAL INPUT SUPPLIES / MATERIALS AND ENERGY COSTS% Sales58PAYROLL COSTS% Sales59WAGES% Sales60DIRECTORS' REMUNERATIONS% Sales61EMPLOYEE BENEFITS% Sales62COMMISSIONS & INCENTIVES PAID% Sales64SUB CONTRACTORS% Sales65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	37	TOTAL ASSETS	% Sales
40MISCELLANEOUS CURRENT LIABILITIES% Sales41TOTAL CURRENT LIABILITIES% Sales42NET ASSETS / CAPITAL EMPLOYED% Sales43SHAREHOLDERS FUNDS% Sales44LONG TERM LOANS% Sales45MISCELLANEOUS LONG TERM LIABILITIES% Sales46WORKERSpersons47HOURS WORKEDHours48WORK IN 1ST QUARTER% of Annual49WORK IN 2ND QUARTER% of Annual50WORK IN 2ND QUARTER% of Annual51WORK IN 4TH QUARTER% of Annual52TOTAL EMPLOYEESpersons53RAW MATERIALS COST% Sales54FINISHED MATERIALS COST% Sales55FUEL COST% Sales56ELECTRICITY COST% Sales57TOTAL INPUT SUPPLIES / MATERIALS AND ENERGY COSTS% Sales58PAYROLL COSTS% Sales59WAGES% Sales60DIRECTORS' REMURERATIONS% Sales61EMPLOYEE BENEFITS% Sales62COMMISSIONS & INCENTIVES PAID% Sales63RENTAL & LEASING: STRUCTURES% Sales64SUB CONTRACTORS% Sales65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	38	CREDITORS	% Sales
International Internatintereferinal International International Inter	39	SHORT TERM LOANS	% Sales
42NET ASSETS / CAPITAL EMPLOYED% Sales43SHAREHOLDERS FUNDS% Sales44LONG TERM LOANS% Sales45MISCELLANEOUS LONG TERM LIABILITIES% Sales46WORKERSpersons47HOURS WORKEDHours48WORK IN 1ST QUARTER% of Annual49WORK IN 2ND QUARTER% of Annual50WORK IN 3RD QUARTER% of Annual51WORK IN 3RD QUARTER% of Annual52TOTAL EMPLOYEESpersons53RAW MATERIALS COST% Sales54FINISHED MATERIALS COST% Sales55FUEL COST% Sales56ELECTRICITY COST% Sales57TOTAL IMPUT SUPPLIES / MATERIALS AND ENERGY COSTS% Sales59WAGES% Sales60DIRECTORS' REMUNERATIONS% Sales61EMPLOYEE BENEFITS% Sales62COMMISSIONS & INCENTIVES PAID% Sales63TOTAL REMUNERATIONS% Sales64SUB CONTRACTORS% Sales65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	40	MISCELLANEOUS CURRENT LIABILITIES	% Sales
43SHAREHOLDERS FUNDS% Sales44LONG TERM LOANS% Sales45MISCELLANEOUS LONG TERM LIABILITIES% Sales46WORKERSpersons47HOURS WORKEDHours48WORK IN 1ST QUARTER% of Annual49WORK IN 2ND QUARTER% of Annual50WORK IN 3RD QUARTER% of Annual51WORK IN ATH QUARTER% of Annual52TOTAL EMPLOYEESpersons53RAW MATERIALS COST% Sales54FINISHED MATERIALS COST% Sales55FUEL COST% Sales56ELECTRICITY COST% Sales57TOTAL INPUT SUPPLIES / MATERIALS AND ENERGY COSTS% Sales58PAYROLL COSTS% Sales59WAGES% Sales60DIRECTORS' REMUNERATIONS% Sales61EMPLOYEE BENEFITS% Sales62COMMISSIONS & INCENTIVES PAID% Sales63TOTAL REMUNERATIONS% Sales64SUB CONTRACTORS% Sales65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	41	TOTAL CURRENT LIABILITIES	% Sales
44LONG TERM LOANS% Sales45MISCELLANEOUS LONG TERM LIABILITIES% Sales46WORKERSpersons47HOURS WORKEDHours48WORK IN 1ST QUARTER% of Annual49WORK IN 2ND QUARTER% of Annual50WORK IN 3RD QUARTER% of Annual51WORK IN ATH QUARTER% of Annual52TOTAL EMPLOYEESpersons53RAW MATERIALS COST% Sales54FINISHED MATERIALS COST% Sales55FUEL COST% Sales56ELECTRICITY COST% Sales57TOTAL INPUT SUPPLIES / MATERIALS AND ENERGY COSTS% Sales58PAYROLL COSTS% Sales59WAGES% Sales60DIRECTORS' REMURERATIONS% Sales61EMPLOYEE BENEFITS% Sales62COMMISSIONS & INCENTIVES PAID% Sales63TOTAL REMUNERATIONS% Sales64SUB CONTRACTORS% Sales65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	42	NET ASSETS / CAPITAL EMPLOYED	% Sales
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46WORKERSpersons47HOURS WORKEDHours48WORK IN 1ST QUARTER% of Annual49WORK IN 2ND QUARTER% of Annual50WORK IN 3RD QUARTER% of Annual51WORK IN 4TH QUARTER% of Annual52TOTAL EMPLOYEESpersons53RAW MATERIALS COST% Sales54FINISHED MATERIALS COST% Sales55FUEL COST% Sales56ELECTRICITY COST% Sales57TOTAL IMPUT SUPPLIES / MATERIALS AND ENERGY COSTS% Sales58PAYROLL COSTS% Sales59WAGES% Sales60DIRECTORS' REMUNERATIONS% Sales61EMPLOYEE BENEFITS% Sales62COMMISSIONS & INCENTIVES PAID% Sales63TOTAL REMUNERATIONS% Sales64SUB CONTRACTORS% Sales65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	44	LONG TERM LOANS	% Sales
47HOURS WORKEDHours48WORK IN 1ST QUARTER% of Annual49WORK IN 2ND QUARTER% of Annual50WORK IN 3RD QUARTER% of Annual51WORK IN 4TH QUARTER% of Annual52TOTAL EMPLOYEESpersons53RAW MATERIALS COST% Sales54FINISHED MATERIALS COST% Sales55FUEL COST% Sales56ELECTRICITY COST% Sales57TOTAL INPUT SUPPLIES / MATERIALS AND ENERGY COSTS% Sales58PAYROLL COSTS% Sales59WAGES% Sales60DIRECTORS' REMUNERATIONS% Sales61EMPLOYEE BENEFITS% Sales62COMMISSIONS & INCENTIVES PAID% Sales63TOTAL REMUNERATIONS% Sales64SUB CONTRACTORS% Sales65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	45	MISCELLANEOUS LONG TERM LIABILITIES	% Sales
48WORK IN 1ST QUARTER% of Annual49WORK IN 2ND QUARTER% of Annual50WORK IN 3RD QUARTER% of Annual51WORK IN 4TH QUARTER% of Annual52TOTAL EMPLOYEESpersons53RAW MATERIALS COST% Sales54FINISHED MATERIALS COST% Sales55FUEL COST% Sales56ELECTRICITY COST% Sales57TOTAL INPUT SUPPLIES / MATERIALS AND ENERGY COSTS% Sales58PAYROLL COSTS% Sales59WAGES% Sales60DIRECTORS' REMUNERATIONS% Sales61EMPLOYEE BENEFITS% Sales62COMMISSIONS & INCENTIVES PAID% Sales63TOTAL REMUNERATIONS% Sales64SUB CONTRACTORS% Sales65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	46	WORKERS	persons
49WORK IN 2ND QUARTER% of Annual50WORK IN 3RD QUARTER% of Annual51WORK IN 4TH QUARTER% of Annual52TOTAL EMPLOYEESpersons53RAW MATERIALS COST% Sales54FINISHED MATERIALS COST% Sales55FUEL COST% Sales56ELECTRICITY COST% Sales57TOTAL INPUT SUPPLIES / MATERIALS AND ENERGY COSTS% Sales58PAYROLL COSTS% Sales59WAGES% Sales60DIRECTORS' REMUNERATIONS% Sales61EMPLOYEE BENEFITS% Sales62COMMISSIONS & INCENTIVES PAID% Sales63TOTAL REMUNERATIONS% Sales64SUB CONTRACTORS% Sales65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	47	HOURS WORKED	Hours
50WORK IN 3RD QUARTER% of Annual51WORK IN 4TH QUARTER% of Annual52TOTAL EMPLOYEESpersons53RAW MATERIALS COST% Sales54FINISHED MATERIALS COST% Sales55FUEL COST% Sales56ELECTRICITY COST% Sales57TOTAL INPUT SUPPLIES / MATERIALS AND ENERGY COSTS% Sales58PAYROLL COSTS% Sales59WAGES% Sales60DIRECTORS' REMUNERATIONS% Sales61EMPLOYEE BENEFITS% Sales62COMMISSIONS & INCENTIVES PAID% Sales63TOTAL REMUNERATIONS% Sales64SUB CONTRACTORS% Sales65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	48	WORK IN 1ST QUARTER	% of Annual
51WORK IN 4TH QUARTER% of Annual52TOTAL EMPLOYEESpersons53RAW MATERIALS COST% Sales54FINISHED MATERIALS COST% Sales55FUEL COST% Sales56ELECTRICITY COST% Sales57TOTAL INPUT SUPPLIES / MATERIALS AND ENERGY COSTS% Sales58PAYROLL COSTS% Sales59WAGES% Sales60DIRECTORS' REMUNERATIONS% Sales61EMPLOYEE BENEFITS% Sales62COMMISSIONS & INCENTIVES PAID% Sales63TOTAL REMUNERATIONS% Sales64SUB CONTRACTORS% Sales65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	49	WORK IN 2ND QUARTER	% of Annual
52TOTAL EMPLOYEESpersons53RAW MATERIALS COST% Sales54FINISHED MATERIALS COST% Sales55FUEL COST% Sales56ELECTRICITY COST% Sales57TOTAL INPUT SUPPLIES / MATERIALS AND ENERGY COSTS% Sales58PAYROLL COSTS% Sales59WAGES% Sales60DIRECTORS' REMUNERATIONS% Sales61EMPLOYEE BENEFITS% Sales62COMMISSIONS & INCENTIVES PAID% Sales63TOTAL REMUNERATIONS% Sales64SUB CONTRACTORS% Sales65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	50	WORK IN 3RD QUARTER	% of Annual
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54FINISHED MATERIALS COST% Sales55FUEL COST% Sales56ELECTRICITY COST% Sales57TOTAL INPUT SUPPLIES / MATERIALS AND ENERGY COSTS% Sales58PAYROLL COSTS% Sales59WAGES% Sales60DIRECTORS' REMUNERATIONS% Sales61EMPLOYEE BENEFITS% Sales62COMMISSIONS & INCENTIVES PAID% Sales63TOTAL REMUNERATIONS% Sales64SUB CONTRACTORS% Sales65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	52	TOTAL EMPLOYEES	persons
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58PAYROLL COSTS% Sales59WAGES% Sales60DIRECTORS' REMUNERATIONS% Sales61EMPLOYEE BENEFITS% Sales62COMMISSIONS & INCENTIVES PAID% Sales63TOTAL REMUNERATIONS% Sales64SUB CONTRACTORS% Sales65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	56	ELECTRICITY COST	% Sales
59WAGES% Sales60DIRECTORS' REMUNERATIONS% Sales61EMPLOYEE BENEFITS% Sales62COMMISSIONS & INCENTIVES PAID% Sales63TOTAL REMUNERATIONS% Sales64SUB CONTRACTORS% Sales65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	57	TOTAL INPUT SUPPLIES / MATERIALS AND ENERGY COSTS	% Sales
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61EMPLOYEE BENEFITS% Sales62COMMISSIONS & INCENTIVES PAID% Sales63TOTAL REMUNERATIONS% Sales64SUB CONTRACTORS% Sales65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	59	WAGES	% Sales
62COMMISSIONS & INCENTIVES PAID% Sales63TOTAL REMUNERATIONS% Sales64SUB CONTRACTORS% Sales65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	60	DIRECTORS' REMUNERATIONS	% Sales
63TOTAL REMUNERATIONS% Sales64SUB CONTRACTORS% Sales65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	61	EMPLOYEE BENEFITS	% Sales
64SUB CONTRACTORS% Sales65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	62	COMMISSIONS & INCENTIVES PAID	% Sales
65RENTAL & LEASING: STRUCTURES% Sales66RENTAL & LEASING: PLANT AND EQUIPMENT% Sales	63	TOTAL REMUNERATIONS	% Sales
66 RENTAL & LEASING: PLANT AND EQUIPMENT % Sales	64	SUB CONTRACTORS	% Sales
	65	RENTAL & LEASING: STRUCTURES	% Sales
67 TOTAL RENTAL & LEASING COSTS % Sales	66	RENTAL & LEASING: PLANT AND EQUIPMENT	% Sales
	67	TOTAL RENTAL & LEASING COSTS	% Sales

Row	TITLE	LEGEND
68	MAINTENANCE: STRUCTURES	% Sales
69	MAINTENANCE: PLANT AND EQUIPMENT	% Sales
70	TOTAL MAINTENANCE COSTS	% Sales
71	SERVICES PURCHASED	% Sales
72	COMMUNICATIONS COSTS	% Sales
73	MISCELLANEOUS EXPENSES	% Sales
74	SALES PERSONNEL VARIABLE & COMMISSION COSTS	% Sales
75	SALES 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	ADVERTISING MATERIALS & PRINT COSTS	% Sales
90	POS & DISPLAY COSTS	% Sales
91	EXHIBITION & EVENTS COSTS	% Sales
92	TOTAL ADVERTISING COSTS	% Sales
93	PRODUCT RETURNS & REJECTION COSTS	% Sales
94	PRODUCT INSTALLATION & RE-INSTALLATION COSTS	% Sales
95	PRODUCT BREAKDOWN & POST INSTALLATION COSTS	% Sales
96	PRODUCT SYSTEMS & CONFIGURATION COSTS	% Sales
97	PRODUCT SERVICE & MAINTENANCE COSTS	% Sales
98	CUSTOMER PROBLEMS & CUSTOMER COMPLAINT COSTS	% Sales
99	TOTAL AFTER-SALES COSTS	% Sales
100	TOTAL MARKETING COSTS	% Sales
101	NEW TECHNOLOGY EXPENDITURE	% Sales
102	NEW PRODUCTION TECHNOLOGY EXPENDITURE	% Sales
103	TOTAL RESEARCH AND DEVELOPMENT EXPENDITURE	% Sales
104	TOTAL OPERATIONAL & PROCESS COSTS	% Sales
105	DEBTORS WITHIN AGREED TERMS	% Sales
106	DEBTORS OUTSIDE AGREED TERMS	% Sales
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	<ul><li>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:</li><li>a) facilities normally in operation and</li><li>b) current constraints (e.g. technology, work rules, labour practices, etc.)</li></ul>
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.

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 316 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

đ	ts & C	& Oils Refining & Blending				
		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



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# **Database Editions**



### **Editions available**

Fats & Oils Refining & Blending

The report on Fats & Oils Refining & Blending 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 Fats & Oils Refining & Blending 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 Fats & Oils Refining & Blending 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 Fats & Oils Refining & Blending Country Reports available for most countries. Country Reports provide detailed information on the target country.

### **Country & City Report**

The Fats & Oils Refining & Blending 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 Fats & Oils Refining & Blending 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>Market Data</u> <u>Germany Market</u> <u>Germany Market Values</u> (US\$, Euros, Yen & Yuan)

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

World / Global Totals (in US\$, Euros, Yen and Yuan) WORLD Market Values Dollar Euro WORLD Market Values Yen Yuan

9 Regional (Canada & USA, Central America, South America, Europe, Eurasia, Middle East, Africa, Asia, Oceania) Totals (in US\$, Euros, Yen and Yuan): <u>Europe Market Values Dollar Euro</u> <u>Europe Market Values Yen Yuan</u>

Year / Country Totals (1997 to 2040). Year 2010 Country Values Dollars

NAICS / SIC Product definition: 311225 : Refined or blended fats and oils

### Products covered:

#### FATS + OILS REFINING + BLENDING

- 1. Fats & oils refining & blending
- Shortening & cooking oils (edible) 2.
- 3. Baking or frying fats (shortening), 100 percent vegetable oil (edible)
- 4. Baking or frying fats (shortening), 100 percent animal fat or blends of vegetable oil & animal fat (edible)
- 5. Edible hydrogenated oils other than baking or frying fats (for confectionery fats, mellorine fats, whipped topping, etc.)
- Partially hydrogenated edible soybean cooking or salad oil (fully refined & deodorized at the same establishment) 6.
- 7. All other fully refined edible shortening & cooking oils, except corn
- Other edible soybean cooking or salad oil (fully refined & deodorized at the same establishment) 8.
- 9. Edible cottonseed cooking or salad oil (fully refined & deodorized at the same establishment)
- 10. Edible mixtures of vegetable cooking or salad oil (fully refined & deodorized at the same establishment)
- 11. All other edible cooking or salad oil (fully refined & deodorized at the same establishment)
- 12. Edible vegetable oil winter stearin
- Edible canola oil used for margarine 13.
- 14. Other edible oils used for margarine
- 15. All other fully refined edible shortening & cooking oils, except corn
- 16. Foots, vegetable oil
- Vegetable oil mills, except corn, cottonseed & soybean (processing purchased vegetable oils) 17.
- Cottonseed oil, once-refined, purchased & deodorized only 18.
- Soybean oil, once-refined, purchased & deodorized only 19.
- 20. Palm oil, once-refined, purchased & deodorized only
- Coconut oil, once-refined, purchased & deodorized only 21.
- 22. Peanut oil, once-refined, purchased & deodorized only
- Sunflower oil, once-refined, purchased & deodorized only 23.
- 24. Other oils, once-refined, except cottonseed, soybean, linseed, peanut, or sunflower, purchased & deodorized only
- 25. Shortening & cooking oils, nsk
- Shortening and cooking oils 26.
- 27. Baking or frying fats (shortening), 100% vegetable oil, edible
- 28. Baking/frying fats, 100% animal fat/blends of vegetable/animal
- 29. Hydrogenated oils, except baking or frying fats, edible
- 30. Partially hydrogenated soybean cooking or salad oil, edible
- All other fully refined shortening and cooking oils, edible 31.
- Other soybean cooking or salad oil, edible 32.
- Cottonseed cooking or salad oil, edible 33.
- Mixtures of vegetable cooking or salad oil, edible 34.
- All other cooking or salad oil, edible 35.
- 36. Vegetable oil winter stearin, edible
- 37. Canola oil used for margarine, edible
- Fully-refined corn oil, made from purchased material 38.
- 39. Other oils used for margarine, edible
- 40. All other fully refined shortening and cooking oils, edible
- 41. Vegetable oil mills, except corn, cottonseed and soybean
- Cottonseed oil, once-refined, purchased and deodorized only 42.
- 43. Soybean oil, once-refined, purchased and deodorized only
- 44. Palm oil, once-refined, purchased and deodorized only
- 45. Coconut oil, once-refined, purchased and deodorized only
- 46. Peanut oil, once-refined, purchased and deodorized only
- Sunflower oil, once-refined, purchased and deodorized only 47. Other oils, once-refined
- 48.
- 49. Once-refined corn oil, purchased and deodorized only
- Shortening and cooking oils, nsk 50.
- 51. Margarine, incl butter blends
- Fats & oils refining & blending, nsk, total 52.
- 53. Fats & oils refining & blending, nsk, nonadministrative-record
- 54. Fats & oils refining & blending, nsk, administrative-record

### World Database Description

### Fats & Oils Refining & Blending Report

The Fats & Oils Refining & Blending World Report provides data on the net market for the Products and Services covered in each of 205 countries. The Products and Services covered (Fats & oils refining & blending) 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. 55 Products/Markets are covered, 2096 pages, 9749 spreadsheets, 9620 database tables, 587 illustrations. Updated monthly. 12 month After-Sales Service.

#### **Overview**

#### FATS + OILS REFINING + BLENDING WORLD REPORT

The Fats & Oils Refining & Blending World Report gives Market Consumption / Products / Services for over 200 countries by 6 to 10-Digit NAICS Product Codes by 3 Time series: From 2007, Forecast to 2028.

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

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

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

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

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

55 Products/Markets covered, 2096 pages, 9749 spreadsheets, 9620 database tables, 587 illustrations. Updated monthly. 12 month After-Sales Service.

This database covers NAICS/SIC code: 311225.

#### Contents

#### FATS + OILS REFINING + BLENDING WORLD REPORT

The Market for Fats & Oils Refining & Blending in each country by Products & Services.

This database covers NAICS/SIC code: 311225. Products/Services classified by 5-Digit US Commerce Department Code and then defined by each 6 to 10-Digit Product Codes.

The Fats & Oils Refining & Blending World Report covers:

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

level.

#### PRODUCTS & MARKETS COVERED:

#### FATS + OILS REFINING + BLENDING

- 1. Fats & oils refining & blending
- 2. Shortening & cooking oils (edible)
- 3. Baking or frying fats (shortening), 100 percent vegetable oil (edible)
- 4. Baking or frying fats (shortening), 100 percent animal fat or blends of vegetable oil & animal fat (edible)
- 5. Edible hydrogenated oils other than baking or frying fats (for confectionery fats, mellorine fats, whipped topping, etc.)
- 6. Partially hydrogenated edible soybean cooking or salad oil (fully refined & deodorized at the same establishment)
- 7. All other fully refined edible shortening & cooking oils, except corn
- 8. Other edible soybean cooking or salad oil (fully refined & deodorized at the same establishment)
- 9. Edible cottonseed cooking or salad oil (fully refined & deodorized at the same establishment)
- 10. Edible mixtures of vegetable cooking or salad oil (fully refined & deodorized at the same establishment)
- 11. All other edible cooking or salad oil (fully refined & deodorized at the same establishment)
- 12. Edible vegetable oil winter stearin
- 13. Edible canola oil used for margarine
- 14. Other edible oils used for margarine
- 15. All other fully refined edible shortening & cooking oils, except corn
- 16. Foots, vegetable oil
- 17. Vegetable oil mills, except corn, cottonseed & soybean (processing purchased vegetable oils)
- 18. Cottonseed oil, once-refined, purchased & deodorized only
- 19. Soybean oil, once-refined, purchased & deodorized only
- 20. Palm oil, once-refined, purchased & deodorized only
- 21. Coconut oil, once-refined, purchased & deodorized only
- 22. Peanut oil, once-refined, purchased & deodorized only
- 23. Sunflower oil, once-refined, purchased & deodorized only
- 24. Other oils, once-refined, except cottonseed, soybean, linseed, peanut, or sunflower, purchased & deodorized only
- 25. Shortening & cooking oils, nsk
- 26. Shortening and cooking oils
- 27. Baking or frying fats (shortening), 100% vegetable oil, edible
- 28. Baking/frying fats, 100% animal fat/blends of vegetable/animal
- 29. Hydrogenated oils, except baking or frying fats, edible
- 30. Partially hydrogenated soybean cooking or salad oil, edible
- 31. All other fully refined shortening and cooking oils, edible
- 32. Other soybean cooking or salad oil, edible
- 33. Cottonseed cooking or salad oil, edible
- 34. Mixtures of vegetable cooking or salad oil, edible
- 35. All other cooking or salad oil, edible
- 36. Vegetable oil winter stearin, edible
- 37. Canola oil used for margarine, edible
- 38. Fully-refined corn oil, made from purchased material
- 39. Other oils used for margarine, edible
- 40. All other fully refined shortening and cooking oils, edible
- 41. Vegetable oil mills, except corn, cottonseed and soybean
- 42. Cottonseed oil, once-refined, purchased and deodorized only
- 43. Soybean oil, once-refined, purchased and deodorized only
- 44. Palm oil, once-refined, purchased and deodorized only
- 45. Coconut oil, once-refined, purchased and deodorized only
- 46. Peanut oil, once-refined, purchased and deodorized only
- 47. Sunflower oil, once-refined, purchased and deodorized only
- 48. Other oils, once-refined
- 49. Once-refined corn oil, purchased and deodorized only
- 50. Shortening and cooking oils, nsk
- 51. Margarine, incl butter blends
- 52. Fats & oils refining & blending, nsk, total
- 53. Fats & oils refining & blending, nsk, nonadministrative-record
- 54. Fats & oils refining & blending, nsk, administrative-record

#### **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

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#### SPREADSHEET CHAPTERS

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

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

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

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

NATIONAL DATA - by Country by Year.

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

55 Products covered for over 200 Countries: 2096 pages, 9749 spreadsheets, 9620 database tables, 587 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 Fats & Oils Refining & Blending Financial Data and Margins, by country, by year Historic from 1997, and a Forecast by year to 2040. Data will be given for EACH of the countries covered.

#### **Balance Sheet Data**

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

Total Sales, Domestic Sales, Exports, Pre-tax Profit, Interest Paid, Non-trading Income, Operating Profit, Depreciation: 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: Financial Margins & Ratios File

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

### **General Contents**

### Fats & Oils Refining & Blending 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	2096	Online & DVD	c. 500	Excel Spreadsheets: 9749 Access tables: 9620

### **Databases & Structures** Fats & Oils Refining & Blending 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
Corporate.mdb
Corporate.mdb Table List
Base.mdb General & Database Reference tables in 'Base_mdb_Database.zip' file [Size 75.8MB]
<ul> <li>Data.exe Supplemental Database extraction [Optional. 547 databases for Modelling Level products. Size 2.56GB]</li> </ul>
<ul> <li>Auxiliary_Data.exe Auxiliary Database extraction [Optional. 44 databases for Modelling Level products. Size 298MB]</li> </ul>
<ul> <li>Data_Help.exe Help file extraction [Optional. 10,400 help files for Modelling Level products. Size 34MB]</li> </ul>
• Discussifications
<ul> <li>REFERENCE Reference documents: Solution</li> <li>Also see the REFERENCE folder in Toolkit 1</li> </ul>
<ul> <li><b>XLS</b> Business Planning &amp; Database Reference Spreadsheets</li> </ul>
• 🖻 XLS_Corporate 🖾 Corporate Spreadsheets
Corporate File List
<ul> <li>XLS_MarketResearch</li> <li>Market Research Spreadsheets</li> </ul>
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:-

- Data Manuals on the Report Contents
   Documents & Templates on the Report Contents
   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
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- 27 GEOGRAPHIC DATA
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- 53 PROMOTIONAL MIX
- 54 SALESFORCE DECISIONS
- 55 SALES PROMOTION
- 56 SURVEYS
- 57 TARGETS PRODUCT + MARKET
- 58 TECHNOLOGY
- 59 TRADE CELL ANALYSIS

Countries	Market	Market Forecast	Financial Forecast	Financial Margins	Historic Financial	Historic Costs	Industry Norms
Albania	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Algeria	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Angola	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Argentina	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Armenia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Aruba	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Australia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Austria	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Azerbaijan	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Bahamas	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Bahrain	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Bangladesh	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Barbados	Market	Forecast	Forecast	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	Historic	Historic	Norms
Bolivia	Market	Forecast	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	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Colombia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Costa Rica	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
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

L 1							
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	Historic	Historic	Norms
Lesotho	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Liberia	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Libya	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Liechtenstein	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Lithuania	Market	Forecast	Forecast	Forecast	Historic	Historic	Norms
Luxembourg	Market Market	Forecast	Forecast	Forecast	Historic Historic	Historic Historic	Norms
Macedonia	Market	Forecast Forecast	Forecast	Forecast	Historic	Historic	Norms Norms
Madagascar Malawi	Market	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:

https://marketpublishers.com/datagroup/Base\_Data/Methodology\_Manual.pdf

# Deliverables

The report will be provided as follows:

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

## About this Database

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

### **Data Product levels**

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

### Database Entry level

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

#### Corporate Modelling level

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

#### Econometric Modelling level

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

#### Presentation level

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

## **Real Time Support**

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

# Toolkits

To assist users there are various Toolkits available on request:

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

### Toolkit 1

- 1. Data Manuals
- 2. Document Templates
- 3. Help files
- 4. Manuals Templates
- 5. Microsoft Utilities
- 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
- 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, JMuITi, 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
  - Nomological Networks
  - o Multi-trait / Multi-method Matrix
  - Pattern Matching Construct Validity
- Reliability
  - True Score
  - o Measurement Error
  - o Reliability
  - o Type of Reliability Analysis
  - Validity
- Levels of Measurement
- Survey Research
  - Survey Type
  - Selecting the Survey Method
  - Construction of the Survey
    - Questions
    - Question Content
    - Response Format
    - Question Wording
    - Question Placement
  - 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
      - $\circ \quad \text{Non-equivalent Group Analysis}$
      - Regression-Discontinuity Analysis
      - Regression Displacement Analysis

# Appendix 1 : Regional Report country coverage

#### Canada & USA Canada United States

### **Central America**

Antiqua 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 316 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
- Fixed Assets: Equipment 8.
- 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)

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

- 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 Sa 98. Added Value
- 96. 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.



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