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# International Research

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### Hearty breakfasts are back

The traditional breakfast meal of eggs and bacon or sausage is coming back into fashion, according to NPDFoodworld's "Breakfast in America" Report. When Americans eat breakfast at home, the consump-

tion of these foods, popular in the 1950s, is at a 10year high.

The annual number of eatings per capita of all types of egg/omelette dishes at breakfast is at 33 in 2002 as compared to 31 in 1993 and a low of 27 in

1998. Scrambled eggs, in particular, at 15 eatings per year are also at their highest point since 1993.

When it comes to sausage, Americans ate them an average of 10 times per year at breakfast in 2002, the most since 1993 when they were eaten an average of nine times. The low point for sausage consumption was also in 1998 when annual eatings per capita were at seven. Eatings of bacon have been on the increase since 1998 when it was at a low of 12. In 2002, bacon was eaten an average of 13 times. All data is for years ending in February.

Americans also skipped breakfast more than at any time since 1998. Fifty breakfast meals were skipped, on average, in 2002 nearing the high of 51 reached in 1998. Young adults in the 18-34 year range are least likely to find time for breakfast, skipping almost one out of every four — twice the national average.

Over three-quarters of all breakfasts are still eaten at home (77 percent compared to 49 percent of lunches and 75 percent of dinners), but the in-home breakfast has been steadily losing share, not only to skipping but also to other eating venues and brown-bag breakfasts. NPD shows that restaurant breakfasts are at their highest share since 1993, accounting for eight percent of total breakfast meals in 2002 versus six percent 10 years ago. Although holding a small share of the meal occasion, brownbag breakfasts also reached a 10-year peak this year — 2 percent versus 1

percent in 1993.

"Increased time pressures have been threatening the breakfast meal for a while," says Arnie Schwartz, vice president, NPD's National Eating Trends. "It's matter of having something satisfying where and when you have time to eat it.

Over the years, restaurants have been doing a good job of making breakfasts portable and tasty. At the same time, the influx of portable, packaged breakfast options is filling a gap, although our need for speed in the morning is growing faster than these products are being created."

NPDFoodworld's National Eating Trends service maintains a diary panel of 2,000 households. For a two-week period, each household completes a daily diary for all household members. Respondents are demographically and geographically matched to Census Bureau statistics. For more information visit www.npdfoodworld.com.

## Europeans drink Americans under the table

Research from Chicago research firm Mintel on alcoholic drinking trends across the U.S., U.K., France, Spain, Germany and Italy finds 62 percent of Americans drinking alcoholic beverages either in-home or elsewhere. Substantially higher is drinking in the U.K. (nearly 90 percent), closely followed by France, with 88 percent of the French consuming alcohol. Meanwhile, just over three quarters of the Spanish enjoy a tipple. With health awareness high in Germany, in part also as a result of the ongoing financial crises in the health insurance system, and discussions over a ban on alcohol advertising, all alcoholic drinks in Germany are under something of a cloud. Over a third of Germans claim to be teetotalers.

In terms of drinking and age, it would seem that the British and French share the same drinking trends. Once the French and British get a taste for alcohol, they never seem to want to give it up. In contrast, American, Spanish and German interest in alcohol dwindles at retirement age. Some 78 percent of U.K. consumers under age 20 drink alcohol; consumption peaks at 93 percent among the 45-54-year-old age group and from there the decline is moderate, with 85 percent of those age 65 and over enjoying a drink. A similar scenario exists in France, where 89 percent of those age 65 and over remain drinkers.

American interest in drinking peaks in the 25-44 age group at 71 percent and then falls to below 50 percent for those Americans 65 or older. In Spain, alcohol consumption

peaks among those age 25-44 and declines to under 60 percent of those age 65 and over, while in Germany usage declines to just 55 percent of this older age range. "It is interesting to note that drinking at a young age is highest in the U.K. where giving children alcohol is frowned upon. In Italy,

continued on p. 74



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**Phaedra Britt** has returned to *Hygeia Marketing Associates, Inc.*, a pharmaceutical marketing research firm in West Caldwell, N.J., as senior project director.

Indianapolis-based Walker Information has named **Doug Hooton** vice president, new ventures.

**Robert Simmons II** has been named president and CEO of *Northstar Interviewing Service, Inc.*, Minneapolis.

London-based research firm MORI has named **Peter Hutton** group development director. **Greg Smith** will replace Hutton as head of MORI's corporate and consumer division.

Paris-based *Ipsos* has named **Henri Wallard** CEO.

Based in Millward Brown's Detroit

office, Nick Findlay will lead Millward Brown Automotive, a new automotive research firm. Findlay will be supported by Jerry Matella, also in Detroit, Stephen Popiel in Toronto, and Clare Evans in the U.K., who will lead the practice's European initiatives.

Lars Andersen, managing director of Millward Brown Denmark and Millward Brown Norway, has been named managing director of Millward Brown Sweden. Also joining the Stockholm office are Anne Hansson and Mimi Diego.

At Hong Kong-based Asia Market Intelligence (AMI), which will rebrand as Synovate in January, Bruce Wells has moved to London to take up the post of global director Synovate ViewsCast. Chan Siew Hoong has joined AMI Singapore as director. Cho Jin Ho has been named associate director, technical solutions. He will be based in Singapore.

Portland, Ore.-based *Research Data Design, Inc.* has named **Bob Poppen** director of operations.

Jack Lloyd has been named vice president at Market Strategies, Inc., Livonia, Mich.

*NFO WorldGroup*, Northwood, Ohio, has named **Kathleen Lee** marketing manager for NFO USA, working in the company's Chicago office.

NOP World Health, East Hanover, N.J., has named Barry Zimmerman



Zimmerman

executive vice president, strategic account development.

On the retirement of **David** Jenkins as CEO of the Kantar Group at the end of this year, Eric Salama, WPP's director of strategy, will become chairman and CEO of the Kantar Group, WPP's information and consultancy arm.

Research International has appointed new managing directors in Denmark and Norway: Simon Svegaard has joined in Denmark and Trond Myhrvold in Norway.

Greenwich, Conn.-based *NFO Healthcare* has named **Larry Levin** as executive vice president of its new syndicated research division.



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## Media testing approach doesn't require special players

Greenfield Online, Wilton, Conn., has launched a new media testing capability that enables clients to test video segments without requiring consumers to use or download special plug-ins or media players. The Greenfield Online application is compatible with most viewers' browsers, and the segment downloads passively during the course of survey participation. The technology automatically detects viewers' connection speed and streams the appropriate bit per second. As a result, all respondents view the same-quality media segment. Viewers must have a special ID to view media, which will be disabled after completion of the survey, thus preventing piracy and distribution. Segments are compressed to ensure efficient downloads no matter what size/resolution. Media can be accepted in any format. For more information visit www.greenfield.com.

## New Web-based feedback system

Perseus Development Corporation, a Braintree, Mass., survey software firm, and Data Driven Decisions Inc. (3D Group) have developed an automated 360-degree Web-based feedback system. The system can be used for applications including performance appraisals, employee development, training needs assessments, attitude surveys, customer satisfaction surveys, etc. Human resource administrators will be able to e-mail a Web link and access code to one or more feedback recipients and invite them to complete a 360-degree survey. The administrator will be able to specify the timeframe the survey is open and have the ability to upload data from separate data files into the Web database containing survey responses. They can track survey completion progress on any individual feedback recipient or group of recipients and be able to customize report format and content to fit individual company's preferences. Reports can be designed from a library of templates and contain options to compute various statistics across multiple items and multiple raters. Once the survey is tallied, feedback reports will be generated and distributed automatically. After receiving the feedback reports, 3D Group provides consultative services to help companies interpret results and coach individual managers. For more information visit call 781-848-8100 or visit www.perseus.com.

## ArcReader 8.2 download now available

Redlands, Calif., GIS firm ESRI is now offering the ArcReader 8.2 standalone version for download at www.esri.com/arcreader. ArcReader is designed for viewing and sharing any published map file (PMF) authored by the ArcGIS Publisher extension to ArcView, ArcEditor, and ArcInfo. Anyone with ArcReader can now view maps that reference a variety of geographic data. The PMF preserves a live connection to the data so the user's data view is dynamic. ArcReader is built from the same ArcObjects component technology as ArcView, ArcEditor, and ArcInfo. ArcReader shares a common look and feel with all the ArcGIS Desktop products, allowing users to view, explore, and print maps. For more information visit www.esri.com/arcreader or call 800-447-9778.

## Nielsen//NetRatings broadens digital media coverage

New York-based Nielsen//NetRatings is expanding its

service to combine measurement of Web-based traffic with Internet applications and browser channel audience data, including measurement of AOL proprietary channels. Debuting in Q4 2002, the "digital media universe" measurement will track the use of instant messaging, media players, media sharing applications, ISP applications, wireless content systems, Web phones, news and information toolbars, connected games, weather applications, auction assistants and shopping assistants. For more information visit www.nielsen-netratings.com.

# New source of European research reports

Dublin-based Research & Markets is a new aggregator of market research in Europe, providing research in areas such as banking and financial services, biotech, competitive and market intelligence, demographics, energy and natural resources, retailing and services, and transport and shipping. At www.researchandmarkets.com, visitors can browse industry categories or search by a specific keyword or phrase. When you have found your chosen publication, click on its title to see more information including abstracts, executive summaries, samples and indexes/tables of contents. Users can also submit a request for market research assistance and the customer service team will respond via phone, email or fax.

## Doane debuts corn seed study

Doane Marketing Research, Inc., St. Louis, is now offering a syndicated product entitled U.S. Farm Corn Seed Study - 2002. Over 4,500 corn growers provided information pertaining to specific hybrids planted, associated acres, planting rates, discounts continued on p. 82

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#### News notes

Harris Interactive, Rochester, N.Y., and NCS Pearson announced an agreement to distribute the survey research tool CSMpact for Schools to school districts within the United States. CSMpact for Schools helps districts consider the input of a variety of stakeholder groups when making decisions. The distribution agreement will begin in the 2002-2003 school year, and key aspects of the system will be presented at the Technology and Learning Conference, November 12-14 in Dallas.

Germany-based GfK-Nürnberg e.V. and the Economics and Social Sciences faculty at Erlangen-Nuremberg University have signed an agreement whereby the Market Information Management department will receive financing and support for a further three years. The agreement also provides for one or two study grants from 2003 onwards which will be awarded each year to graduates wishing to complete an MBA in market research at the University of Georgia, Athens, Ga. The agreement between GfK and the Economics and Social Sciences faculty to set up and promote the Market Information Management department at the Erlangen-Nuremberg Friedrich-Alexander University was first signed in December 1998. GfK-Nürnberg e.V., which has provided support for the department amounting to EUR 307,000 over the past three years, will provide additional funds of EUR 384,000 over the coming three years. Of this, EUR 45,000 will benefit students who continue their studies at the University of Georgia.

London-based Millward Brown has announced a change to the licensing of its techniques in Sweden. The license, held by



Tragon Corporation will hold a workshop titled "Ensuring Consumer-Defined Product Quality" on November 4-6 at the Sheraton Palo Alto, Palo Alto, Calif. For more information visit www.tragon.com.

The Marketing Research Association (MRA) will hold its education conference and technology forum on November 6-8 at Marriott's Camelback Resort, Scottsdale, Ariz. For more information visit www.mra-net.org.

The European Society for Opinion and Marketing Research (ESOMAR) will hold a conference on qualitative research on November 10-12 in Boston. For more information visit www.esomar.nl.

The American Marketing Association (AMA) will hold its advanced school of marketing research techniques on November 10-15 at the University of Georgia, Athens, Ga. For more information visit www.marketingpower.com.

The Society of Insurance Research

Demoskop AB since September 1997, has now reverted to Millward Brown, which in the future will be supplying its products and services directly to the Swedish market.

Knowledge Networks, a Menlo Park, Calif., research firm, has received \$15.5 million in new financing from investors.

On September 30th, shareholders of **Ipsos S.A.** and LT Participations were asked to approve the merger between the two entities of the Ipsos group. LT Participations is a personal holding company of the Ipsos group. Its capital is under the control will hold its annual conference at the Hyatt Riverfront Hotel, Savannah, Ga., on November 17-20. For more information visit www.sirnet.org.

GIS Day 2002 will be held on November 20 at various sites worldwide. For more information visit www.gisday.com.

The American Marketing Association (AMA) will hold its 2002 Explor Awards and Forum on November 21-22 at the Hilton Hotel & Towers, Chicago. For more information visit www.marketingpower.com.

The U.K-based Association for Qualitative Research (AQR) will hold its annual conference on November 29 at One Whitehall Place, The Royal Horseguards Hotel, London. For more information visit www.aqr.org.uk.

The European Society for Opinion and Marketing Research (ESOMAR) will hold its Asia Pacific conference on December 1-3 in Singapore. For more information visit www.esomar.nl.

of Jean-Marc Lech and Didier Truchot, the two Ipsos co-chairmen, for about 67 percent of the Ipsos stock. Eurazeo and Société Générale (through SG Capital Développement) and FCPR Sogecap Développement) hold most of the remaining stock. LT Participations held, as its unique asset, 37 percent of Ipsos shares and 53 percent of its voting rights.

Before Ipsos will carry out the merger operation, LT Participations will proceed with a capital increase at market price in order to cover its debt. Lech and Truchot will jointly participate in this capital increase continued on p. 66

#### **News spotlight**

#### Research business successful in Spain

According to a study by The **European Society for Opinion and Marketing Research** (ESOMAR), revenues of the marketing research industry in Spain totaled \$275 million in 2001.

Spain has the eighth largest market for market research in the world according to this study. It is topped only by the U.S., Japan and Canada outside of Europe, and by Germany, the U.K., France and Italy within Europe.

Surveys conducted by AEDEMO (the Spanish association of market research professionals), show that while growth slowed to 3 percent during the last year, the sector grew by an average of 7.8 percent per year (6 percent if adjusted for inflation) over the past five years, which is well above the economic growth rate.

Nevertheless, Spain clearly lags behind many other countries such as the U.S., the U.K., Australia and the Netherlands if the level of research expenditure is compared with advertising expenditure or GDP per capita, indicators that are often used to benchmark the relative sales of marketing research.

One reason for this is the fact that until recently no significant multinational company or even regional headquarter of a multinational company was located in Spain. This is now changing as companies like Telefonica, Endesa and Repsol-YPF, which were previously quasi-monopolies operating in the utilities and domestic telecom market, began to invest abroad. This also applies to banks such as SCH or BBVA. Their operations are mainly in Latin America and have given birth to the first truly Spanish multinationals.

Who is buying the research? Fortythree percent of research is commissioned by manufacturing companies. Other key sectors which commission and use research in Spain are media and advertising (12 percent), utilities, postal service and telecommunications (12 percent) and the public sector. The vast majority (80 percent) of research in the Spain is commissioned by domestic clients and a much smaller proportion (20 percent) by clients outside of the country. Over three quarters (80 percent) is consumer research and less than a third (28 percent) for nonconsumer research.

Other significant trends relate to changes in the type of studies conducted and data collection techniques. Continuous studies now represent around 45 percent of the total research sales, a proportion which is in line with the worldwide share identified by ESOMAR's industry survey.

A major change in the past years has been a shift away from face-to-face interviewing (now accounting for 38 percent of all interviews) to telephone interviewing (41 percent of all interviews). It is noteworthy that just five years ago, face-to-face represented 63 percent of the total, while telephone accounted for a mere 26 percent. Postal interviewing is stable, at the level of 6 percent.

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# **Virgins or veterans?**

## Who makes up that respondent database?

By Ron Sellers

Editor's note: Ron Sellers is president of Ellison Research, Phoenix. He can be reached at ronsellers@ellisonresearch.com or at 602-493-3500.

ost focus group facilities have them, and they're generally taken for granted as much as the microphones in the ceiling or the bowls of M&Ms in the back room.

Respondent databases.

With all there is to worry about in a qualitative project, it can be tempting for the researcher to tell a facility who they want in the groups, and let the facility worry about where to find those people.

After holding three different sets of groups at two different facilities in Phoenix in a space of 18 months, and somehow having the same individual show up as a respondent for each project (on three totally different topics), I think it is definitely time to reexamine that approach.

Properly obtained and managed, respondent databases can solve a lot of the headaches for recruiters. Databases are made up of people who know who the facility is when they're called, and have already expressed their willingness to participate in groups if they qualify. Sure makes life easier.

I have some facilities I've used again and again, and I trust how they build and use their database. But what happens when client preference or a new market forces me to use a facility with which I have no experience?

First, I want to know how their database is built. Do they include people who call them and say, "I want to do focus groups"? If so, I'll pass. You know the person calling that facility has just opened the phone book and called all the other facilities in an attempt at some easy money once or twice a month. (We get those calls and e-mails all the time, even though we don't have a focus group facility.)

Second, I want to know how often people are contacted for any type of research. Not just how often they participate in focus groups, but how often they're contacted. The more those people are called, the more they have an idea of how to answer screening questions to make sure they're qualified for the recruit. In addition, some facilities will not use respondents more than every six months for focus groups, but will gladly contact them more frequently for in-depth interviews, taste tests, etc.

Third, I've learned to rely on the following test. When I contact a facility, I ask for a cost if they recruit from their database, and a cost if they recruit virgin respondents (i.e., from RDD sample, directories, or some other relatively comprehensive source).

What I've discovered has been fascinating, and fairly predictive of what my experience with the facility will be like. Some facility directors are nearly panicked by this request. "Recruiting from the general public is almost impossible!" they wail. These directors then demand much more recruiting time, charge far higher prices, and are already setting me up for eventual failure when they say, "We'll attempt this for you, but we don't know how well it's going to work if you don't use our database."

continued on p. 85



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Post-stratification in survey research by Robert Kushner

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any times after survey data has been collected researchers have need to weight the results in order to provide a greater emphasis on a key variable or to adjust for sub-groups (strata)

Table 1

that have been over or under-sampled.

Additionally, the desire is to draw interviews from a population proportionate to certain stratification is used to adjust the degree of influence each stratum has on the study results. Post-stratification of results involves the weighting of data after collection and is used many times by researchers when certain stratum may be over- or underrepresented and results based on the total sample may be otherwise distorted.

When no weighting occurs, each respondent is "counted" once (i.e.,

are some common examples of data weighting used for post-stratification purposes.

#### Examples

#### Quota to rep weighting

In the example shown in Table 1 the goal is to adjust the influence the respondents from each region have on the total. The weights to be applied reflect a ratio of the relative size of each region (in terms of the

sub-groups	sizes. However, many
times interv	views cannot be placed
into the app	propriate strata until all
the sampling	g has been performed.

When these instances occur, post-

	# of Total Population	% of Total Population	# of Total Interviews	% of Total Interviews	Respondent Weight
Region 1	11,319,000	36.47	200	25.00	1.459
Region 2	6,045,000	19.48	200	25.00	0.779
Region 3	3,995,000	12.87	200	25.00	0.515
Region 4	9,679,000	31.18	200	25.00	1.247
Total	31,038,000	100.00	800	100.00	

each respondent receives a weight of one). When weighting is used to post-stratify results, the weight (or influence) respondents are given can be more or less than one. Following relevant variable, region population) and the actual region quotas. Thus, the goal is to offer greater influence to the larger regions and less influcontinued on p. 70

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# Case History

In the U.S. and overseas, CNH Global talks to loader backhoe users to develop new models

Unearthing

titte

By Jim Jastrzembski and Barbara Leable

Editor's note: Jim Jastrzembski is president, Strategic Business Research, Inc., Chicago. He can be reached at jimjast@yahoo.com. Barbara Leable is project manager, marketing research at CNH Global, Racine, Wis. She can be reached at barbara.leable@cnh.com.

wakened at dawn, they emerge and rumble down the road to sites where they will exert enormous strength. Big yellow hydraulic wonders of engineering ingenuity moving massive amounts of soil, sand and rocks as operators build roads, homes, and shopping centers, or dig trenches for fiber optic cable and water pipelines.

There are the many types of construction equipment, without which modern construction would not be possible. The most versatile and most often purchased type is the loader backhoe.

How do engineers identify design advancements to keep the product line fresh and responsive to market needs? How do they make sure the design advancements are appropriate for the varied needs of a global marketplace? And how does marketing research pave the way for success in global construction equipment markets?

This is a case study of how one of the oldest and most successful construction equipment companies used marketing research to develop advanced designs for loader backhoes.

#### Wide range

Jerome Increase Case founded the Racine, Wis.-based Case Corporation in 1842. Case has been a market leader for 160 years in both the agricultural and construction machinery markets by designing a wide range of innovative machines. Early machines included steam engines and threshers to help farmers quickly harvest the nation's crops. One of Case's biggest successes was the development of the loader backhoe in 1957.

With the front end, or loader, operators lift sand, soil and gravel to fill in foundations of new homes, cover newly placed sewer pipes, or clean up after repairs to underground cables. They level and smooth the ground for shopping center parking lots. Landscapers attach forks to deliver pallets of bushes and trees. Municipal crews use the loader for demolition and removal of concrete during summer street repairs and for plowing the snow from winter storms.

The back end, or backhoe, is just as versatile. Contractors dig trenches to find underground water pipe leaks, install septic tanks and bury cables. Telephone and electric companies dig holes for their ubiquitous poles. Construction companies dig trenches for storm sewers and use the backhoe to lift the heavy cement sewer pipes and place them in the trenches. Nurseries and golf courses add special drilling attachments to allow them to dig precise holes for planting trees.

#### **Case becomes CNH Global**

Corporate mergers, acquisitions, and joint ventures have brought Case together with other famous names in construction and agricultural equipment: New Holland, International Harvester, Kobelco, Hitachi and Fiat — each brand a market success on its own. Recently these successful brands were given a new corporate identity: CNH Global. CNH Global now sells equipment in nearly every country in the world.

A frequent result of corporate mergers and acquisitions is that the newly merged corporation has multiple products competing in the same market. CNH Global is no exception. In particular, CNH Global has three strong brands competing in the global loader backhoe market.

As CNH Global plans for the future, the three loader backhoes will be differentiated in ways that create unique benefits to each brand's customers, yet preserve the historic strengths of each brand. Engineering and marketing want advanced models of each brand to result in market share growth.

To design the next series of loader backhoe models, engineers were facing several key questions:

• How do loader backhoe operators view the various brands of loader backhoes?

• What are the engineering performance differences of each brand whether grounded in real engineering design or just perceived performance?

• What changes should be made in designing models for each of the CNH Global brands of loader backhoe to both bypass competition and differentiate the CNH brands?

For answers to these questions, the global engineering team turned to marketing research.

#### Strategic objectives

Two strategic objectives guided both the specific research objectives as well as all the planning and design of the marketing research project. As one CNH Global senior engineer put it: "Let's do this right. The next series of loader backhoe models — a major capital investment — will stem from this research."

While quality research data was the driver for advanced design decisions, budget was not unlimited. So the challenge was to assure dependable results — strong enough to justify a major capital investment — within a reasonable budget. Accomplishing this tradeoff required new ways of doing market research on construction equipment.

The other strategic objective was to identify loader backhoe design advancements desired by the worldwide market at prices the markets were willing to pay. Pursuant to this, nearly 30 executives and engineers from around the world had to agree on a

# Case**History**

# The future is now

Editor's note: Carlos Denton is general manager of CID/Gallup, S.A., a San José, Costa Rica research firm. He can be reached at cdenton@cidgallup.com.

n 2000, Costa Rican workers were required to select a pension service provider from a list of nine banking and financial institutions. Research conducted for Banco Interfin, a relative newcomer, permitted the San Jose-based bank to develop a competitive strategy which overcame the fears of many potential clients.

Two waves of quantitative research permitted the bank to identify its target customers and to determine what might motivate them to choose its pension program over those offered by competitors. Today the bank manages a respectable share of the \$5.6 billion collected nationally each year from workers for this program, and much of its success comes from the research-based promotion and advertising strategy.

#### The challenge

In 1999, the Costa Rican government signed into law a national pension program for its 1.5 million workers, a program to be funded by a 3 percent contribution of total wages paid. There is no deduction from paychecks — the total cost is covered by employers. Workers do not make financial contributions to this program, but they were required to select a service provider from a list of nine no later than November 2000.

The deadline posed a unique challenge for those conducting the research and creating the marketing program. It meant there was no room for coming back another time if research data was deemed insufficient.

The nine potential service providers, including Banco Interfin, were selected by the government based on a variety of criteria, including financial stability and demonstrated administrative ability to run a large program such as this one.

The competitive challenge for the bank was threefold:

First, once the worker signup period was completed, all those who had

# Costa Rican workers choose what they want from a pension service provider

By Carlos Denton

not selected a provider were to be automatically assigned to the government-owned Banco Popular. It was necessary to recruit as many clients as possible during this period, because after November, the market would essentially be limited to new workers.

Second, between 1949 and 1990 private banking was banned by the national constitution of Costa Rica. Private institutions such as Banco Interfin, at the time that the pension law was enacted, had only existed for about 10 years. Government-owned banks continued to receive 75 percent of all deposits made in the country because Costa Ricans in general were wary of non-state-owned institutions.

Third, there could be little or no

difference at the financial level between the pension programs of the nine competitors. Interest paid, withdrawal policies and administrative costs were all established in the legislation. Customers had to be attracted on the basis of institutional image and service.

#### **Gather basic information**

A Cast Press

The objective of the first wave of the research program conducted by Banco Interfin was to gather basic information about Costa Ricans and their relations with the national banking system. Using national omnibus survey questions, two important findings emerged. The first of these was that 61 percent of adult Costa Ricans had, in 2000, no relationship of any kind with the national banking system. Of the 36 percent of the adult sample which reported working (either independently or as an employee), more than half claimed to be earning the minimum wage, which at that time was around \$200 a month. Many of these were paid in cash, and those who received paychecks visited a bank every 15 days, but only to cash the checks.

Second, top-of-mind recall on a national adult sample of bank names was in the single digits for Banco Interfin, while total spontaneous and aided recall for the bank was in the low 20s.

This data was produced some five months prior to the November deadline for signing up workers for the pension program. On the basis of this

continued on p. 86

# International Research

# what you need to know to be successful

Editor's note: Barbara Smela is international research director at Maritz Research, Fenton, Mo. She can be reached at barbara.smela@maritz.com.

G lobalization is the latest buzzword to casually trip off everyone's tongue, often followed by the phrase "cultural sensitivity" as a descriptor of what one needs in order to successfully engage in a global business. Dig a little deeper, though, and the definitions begin to lose their power.

Is globalization anything more than working in multiple countries? Is cultural sensitivity anything more than knowing that one should be cautious with criticism, if not totally silent, when traveling in another country? And most importantly, what effect does globalization have on your company?

In the case of marketing research, a business discipline in which total strangers ask questions — sometimes very intimate questions — a much more comprehensive knowledge of globalization and its partner, cultural sensitivity, is crucial.

So what considerations need to be made before deciding what your global research strategy will be? How will partnering with a global research company ensure the success of your project?

It's safe to say that more and more people are beginning to realize that differences exist between domestic and global research. Beyond a surface agreement, however, most are hard-

#### By Barbara Smela

pressed to point out precisely what those differences might be.

While it is increasingly understood that it doesn't work to transplant a research study from the United States to most other countries — in some cases without any modifications — the reasons it doesn't work remain a puzzle for many. To go to the next step, companies need to come to the understanding that sometimes modifications aren't enough — a project might need to be totally restructured to meet differing global needs and capabilities.

Companies need to begin with the recognition that they are working in a global economy, that globalization is an essential business strategy that every multinational company must follow, and that knowledge of the global mar-

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ketplace is critical.

Companies also need to understand the distinction between global studies and multi-country studies. Although both refer to studies conducted in multiple countries more or less simultaneously, the term "global research" is reserved for studies that have a single purpose and that will be analyzed in total to develop corporate strategies and tactics. Generally speaking, if the results are separately reported to each country manager but no individual "owns" the aggregate analysis, it is a multi-country study, not global. This article is primarily concerned with the latter.

Carrying out global research sometimes requires intricate and unusual project management skills. Companies must follow new research designs appropriate for the region, practice cultural sensitivity in all phases of a project and, above all, rely on partners' and consultants' local knowledge as they can be your company's greatest resource.

Let's look at the various research stages to determine precisely where global differences are most likely to be found, what those differences might mean to your project, and how to manage them so that you accomplish your goals without leaving an unpleasant trail.

#### Charting the landscape

A research project can be subdivided into roughly six areas. The areas in which differences exist — listed in descending order of the magnitude of these differences — are: planning, execution, design, quality control, analysis, and interpretation.

#### Planning

When planning a global study, the most important word to remember throughout the life of the project is timing. A request for proposal or a fielding bid sent from North America to Asia on Thursday afternoon won't even be seen until Monday morning. If the local contact responds immediately, which can't be guaranteed, a reply might come by the following Tuesday. If questions arise, and they always do, the process begins all over again.

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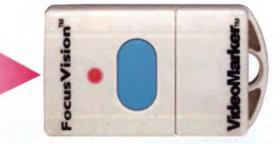


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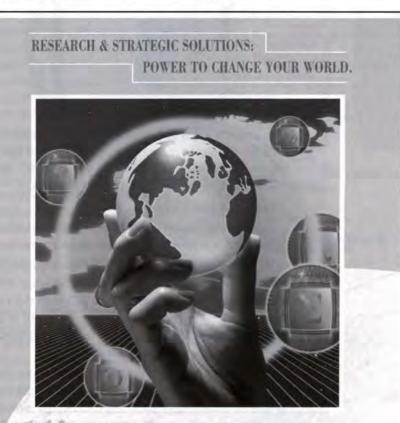
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Usable information might not be available until Thursday or Friday not the standard 24- or 48-hour turnaround that those conducting research in the United States are accustomed to! That 12-hour difference on the clock is, in reality, much more than 12 hours. Therefore, it is wise to be cautious about making promises.

To minimize this problem, be very specific with your request and expect specificity in return. "Ballpark figures" generally are not a good idea because they contain too many assumptions, and assumptions often lead to serious misunderstandings in the global research arena. If you don't know, ask. And impress on your local contacts that they should not assume. If they're not sure about something, they should also ask. If they have been told to do something inappropriate in their country or culture, they should tell you. Nothing is more dangerous than a foreign contact that does exactly what you tell them to do — or what they think you told them to do.

Also, everyone involved in the project must understand that any projectrelated problems, particularly those that have an impact on cost and/or timing, must be communicated immediately.



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 Stick to schedules, timing and budgets.

Solicit input from partners/suppliers.

• Establish communications procedures, i.e., coordination with suppliers/clients.

· When in doubt, ask questions.

Depending on the region of the world in which you are conducting business, it often is wise to correspond using multiple methods. For example, send an e-mail, back it up with a voicemail and, for extra insurance, consider sending a fax. Always ask for confirmation that the message has been received and make sure that you confirm everything in writing.

Solicit input from local contacts during the planning phase because it will save valuable time later. Check on vacation periods and holidays that fall within the fieldwork period and remember that the importance of holidays is not always obvious.

One example is Mother's Day in Mexico. The holiday always occurs on May 10, not the second Sunday in May, as in the United States. Although not formally the case, all companies in Mexico close around noon on Mother's Day to allow employees to spend the day with their mothers. It turns out to be the busiest traffic day of the year in Mexico — more so than Christmas or Easter. If you haven't been in Mexico on Mother's Day, or no one has told you about it, you could conceivably lose a valuable day of fieldwork.

Every country has similar "semiofficial" holidays. Think about the day after Thanksgiving in the United States, which, for most companies, is an unofficial day off.

Many people know that conducting research in Europe, particularly southern Europe, is problematic during the summer months, but they generally don't know why. The comment frequently heard is, "Surely they don't close down the entire company in the summer."

Well, yes, they often do. Europeans are accustomed to much longer vacations than Americans, and it is sometimes more efficient for a company to close completely than to operate with a skeleton staff. Even when companies do remain open by staggering their staffs with half-on and half-off at any given time, it is important to decide whether you really want to conduct your studies during those periods.

Some guidelines:

• With a skeleton crew, everything takes longer and efficiency suffers.

• Response rates decline significantly, simply because fewer potential respondents are available.

• Respondent behavior is different during holiday times.

• The best staff members are most likely not available. The top moderators/interviewers/field staff usually get their choice of vacation times and will take the prime periods.

#### Execution

The execution stage, if careful planning and a proper design have been put into place, can be relatively problemfree. However, issues might arise that often could have been resolved at the outset. Some points to consider:

· What are the local nuances in

respondent availability, sample, lists, maps, field execution, and quality control?

• How do you control quality when you can't be there?

• What are the translation (language) issues?

In many countries, it is becoming more and more difficult to recruit respondents who are professionals or managers. It is wise to seek out the best recruitment method with the help of those with local knowledge. Gathering the appropriate sample is very different outside of the United States. American companies are accustomed to being able to find very finely tuned samples, e.g., Hispanic women between age 30 and 45 who go to Weight Watchers and have more than one child. Such micro sampling is rare outside of the United States.

Simply being able to identify women with children might be difficult in some countries. By the same token, lists often do not exist or government regulations prohibit the use of lists. Maps are frequently useless or include large areas that are unmapped. Once again, it is critical to work as a team with local contacts since those contacts have worked with these obstacles and can help find the best sources of information.

Field execution often involves the unexpected. Many countries — especially former Communist-controlled countries — have a hard time with the concept of brand preference since until very recently — the public simply bought whatever was available. There was no choice, nor was there always even a single brand. For example, cans of evaporated milk were simply labeled "evaporated milk."

A similar misstep is to ask (as one of many options), "Do you buy it when it is on sale?" This is a very common term in the United States, but the concept of marking prices down is unknown in many countries. A common interpretation is that "on sale" simply means that it is available; in other words, it is for sale at the corner store.

It is also valuable to remember that scaling is interpreted differently. Using a 10-point scale on a questionnaire can lead, in some countries, to most



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responses coming in at the extremes. However, the exact same scale in another country can lead to most responses clustering around 5 or 6 when no real differences exist between the two populations. Knowing the culture is invaluable in interpreting differences.

There are many country or regional fieldwork differences. For example, in Arab countries, men interview men and women interview women - always. In Brazil, it is considered rude to cut short the "get acquainted" period of a focus group and the groups tend to be very social. A normal two-hour focus group elsewhere tends to go on for three hours or more in Brazil and, at the conclusion, participants often exchange telephone numbers and make arrangements to meet for lunch. In India, observers should be prepared to visit a private home and sit on a bed to watch focus groups on closed-circuit television in a bedroom next to the room where the groups are taking place.

Language issues can be narrowed to two major areas; both tied to translations. The first point to remember is that literal translations are generally not a good idea since language takes on different meanings, or perhaps has no meaning, in a foreign context. Decide what it is that you want to know and use a functional equivalent, e.g., the earlier "on sale" example should be reworded to get across the idea of whether the respondent buys the product only when it is available at a reduced price.

The second language point is to decide precisely how translations are handled. Using someone in the office who is fluent in the language or even a native of the country can save money but provide poor translations. Language is dynamic and someone who has been away from her native country for a long period of time is unlikely to be up-todate on the language. After the initial translation takes place, a second translation should be carried out, preferably by a professional translation service.

#### Design

The design stage is another area in which substantial differences can be

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found between domestic and international research projects. Some basic questions to consider:

• Is the design appropriate for the country/region?

• Is the methodology appropriate?

• Is the country choice appropriate for the client's needs?

Once again, seek local expertise to determine whether your design is appropriate. For example, a telephone survey is not appropriate in countries in which telephone penetration is very low; and in some countries it is considered rude if an interview is too long.

Determining the accepted length of a telephone interview in a given country also is important. Studies conducted for a credit card company likely will not be highly successful in Japan, which is a cash-based economy. Mail surveys are not successful in some countries in which mail delivery is relatively unreliable. An alternative in some countries might be to use a courier service.

In some countries, a national survey is not possible for a variety of reasons, including unsafe areas, transportation or communications difficulties, or simply the fact that 80-90 percent of the population lives in the major urban areas and the additional information will not add enough information to your database to offset the tremendous additional cost.

Following are some other up-front questions that will help avoid missteps and embarrassment:

 Is it wise to mix males and females in focus groups?

• Where will focus groups be held? In some countries, women are free to participate in groups, but only in private homes.

 What about incentives? They vary a great deal according to local norms.

• Is cash expected, is it offensive, or are incentives even legal?

#### Quality control

Quality control always is a major concern. Unfortunately, corruption sometimes blatant, but usually camouflaged — occasionally presents a problem. Locals might subcontract for one price and charge back at a highly inflated rate; might subcontract to an unqualified company owned by a relative; or might actually fabricate entire portions of the study.

The most important decision you will make involves who your local supplier will be. There is no substitute for experience. This is where a global research company's knowledge of local suppliers can really pay off. Regardless of who chooses the local supplier, make sure you are comfortable with them someone you know and trust. Continue to monitor them and don't be afraid to pull out if you discover serious problems.

Since company representatives can't always be "on the ground," immense care is needed to obtain the right information. This can be done through excellent project management, absolute attention to detail, and a willingness to question at the first sign of trouble. It is necessary to create an enforceable system that can be communicated, monitored, and will lead to constant improvement.

#### Analysis and interpretation

Analysis and interpretation are the areas within international research that are most similar to U.S. models; but even here it is important to be on the lookout for anomalies. Interpretations are generally made from a cultural perspective and can be tricky when they are exported to other regions. Once again, this is a time to confer with your consultant and to understand any cultural explanation for the interpretation.

It is particularly risky to blindly accept cross-national differences in a multi-country study. For example, in comparing scores between countries, 86 percent of the customers in Germany might give a top box rating, compared to 40 percent in Portugal. It may very well indicate a cultural difference and does not necessarily mean that the Portuguese managing director should be fired.

#### **Cultural sensitivity**

So, we come back to cultural sensitivity. It is a leitmotif that runs throughout the course of a study, although there are specific norms and customs to always keep in mind. Public behavior, clothing and criticism are those areas most likely to engender negative opinions when foreigners flout local norms about which they may be ignorant. A female interviewer who works in a microminiskirt might be acceptable in France but not in more traditional societies. A male who openly shows his appreciation of women is taboo in some societies. Mixed male/female teams are frowned upon in many places. Taking photographs, a harmless activity in most countries, is a serious breach of etiquette in others.

International research might be coordinated though the use of one supplier that manages all of the local country contacts, or by using multiple suppliers to manage individual country contacts. In any scenario, these local contacts are your guides, and your greatest resource. Rely on their knowledge.

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# International Research

# CEPTER ASIA: conducting research in the post-Soviet era

#### By Leonid Gurevich

Editor's note: Leonid Gurevich is a general director of BISAM Central Asia, a Kazakhstan-based research firm. He can be reached at bisam@asdc.kz.

**U**ntil the tragedy of the September 11, 2001, the Central Asian region had been far less familiar to the Western public than other parts of the Asian continent — South Asia, Southeast Asia, the Middle East, and even Siberia. Having become a crucial prospective battle front with international terrorism, Central Asia has naturally drawn increased attention from the world community. However, there has also emerged a serious danger that Central Asia may become associated with terrorism, drugs and instability, thus inhibiting the open use of the region's rich economic potentials and human resources in world markets.

In reality, however, the only zone of instability in Central Asia is Afghanistan. The other states of Kazakhstan, Kyrgizstan, Tajikistan, Turkmenistan and Uzbekistan — all former Republics of the Soviet Union — have preserved and strengthened state control over their territories, and so maintained a high standard of civil peace, despite their unfavorable proximity to Afghanistan.

Kazakhstan, Kyrgizstan, Tajikistan, Turkmenistan and Uzbekistan unanimously demonstrated their readiness to actively participate in the antiterrorism coalition, while Uzbekistan, Tajikistan and Kyrgizstan offered their territories for U.S. military bases. This will promote the existing orientation of Central Asian states to the West, and enhance their integration into world markets.

#### Social, economic and political features of region states

The total territory covered by Kazakhstan, Kyrgizstan, Tajikistan,

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Dallas Kansas City Los Angeles Minneapolis Philadelphia Phoenix Seattle St. Louis Turkmenistan and Uzbekistan is almost four million square kilometers, with a combined population of more than 55 million people.

These countries are well known for their natural resources. Kazakhstan and Turkmenistan possess huge oil and gas reserves. Perhaps these countries would have already been among the world's largest energy exporters if transportation problems had been completely solved. Yet transporta-

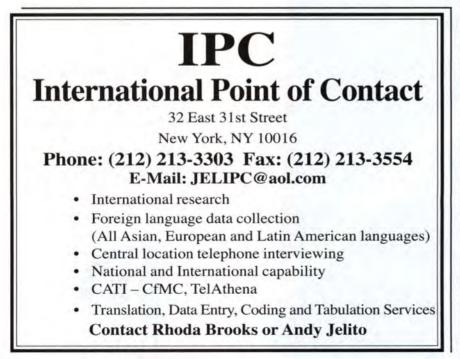
tion issues are currently being solved, resulting in large-scale competition among American, British, French, Italian, Russian and Chinese companies in the oil and gas markets of Central Asia.

There are also extremely rich mineral deposits throughout all Central Asian states. Kazakhstan, for instance, is a world leader in the extraction of chromium, copper, zinc, bauxite, phosphate and cadmium. Uzbekistan is a world leader in gold extraction.

All the Central Asian states played a significant role in the economy of the former USSR. In these countries, mainly in Kazakhstan and Uzbekistan, and to a lesser degree in Kyrgizstan, large metallurgical plants and up-todate military and industrial complexes were built. Nowadays many of these



enterprises do not function since they were unable to find or keep a sufficient market for their products in new economic conditions. However in Kazakhstan a significant number of these plants resumed functioning after being transferred to foreign ownership or being placed under foreign management. Virtually the whole of Kazakhstan's heavy industry is currently controlled by international companies, or companies with significant foreign involvement and accountability. Persistent attempts were made in Uzbekistan and Turkmenistan to preserve the production structures left by the Soviet system. However in recent times the governments of these states have accelerated market reforms and instituted far-reaching policies of attracting foreign investors.



The Central Asian market of mass consumer goods is mostly saturated by imported products, especially in Kyrgizstan. However the domestic food industry shows a tendency towards persistent growth, especially in Kazakhstan. This poses serious problems for Western companies supplying Central Asian markets with confec-

tioneries, tobacco products, juices and soft drinks. Large-scale marketing studies have been initiated in response. However with increased production, local food industries have increased their demand for imported technologies.

In the second half of 1998 to the first half of 1999, all the Central Asian states of the former Soviet Union fell victim to the world financial crisis, though to different extents. Yet, in the second half of 1999, they all officially declared economic improvements, and these were confirmed in their respective GDP statistics. However the relational dynamics of GDP, in directly comparable USD equivalents, turned out to be more complex.

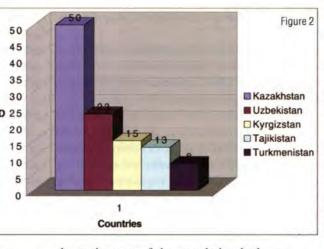
Income levels and purchasing power in Central Asian states, as in all other former Soviet Republics, are not high. Indeed, some of these countries can be regarded as the poorest countries in the world. For instance, the average monthly salary in Tajikistan is less than \$10, whereas in Kyrgizstan it is only about \$20. Yet at the same time, Kazakhstan has the highest average salary levels among Central Asian countries with about \$110 per month. Uzbekistan, with an average monthly salary of \$60, is behind Russia and Kazakhstan. The average monthly income per head in Central Asian states is shown in Figure 2.

Income calculation is based on real rates of local currencies to the U.S. dollar (in Kazakhstan, Kyrgizstan and Tajikistan the real rate does not significantly differ from the official rate, while in Uzbekistan it is two to three times higher than the official rate, and in Turkmenistan it is four to five times higher than the official rate).

However the real incomes in Central Asian states are higher than those indicated in the official statistics. Many residents are occupied in so-called "shuttle" businesses, in street trading, and in black market intermediary transactions. The often quite large incomes of local political elites are not

entered into state statistics. Their purchasing power in local markets, and the high demand for expensive and prestigious goods, often surprises foreigners who begin working in Kazakhstan and Uzbekistan.

After the collapse of the Soviet Union, Central Asian states entered into different programs of political development. The greatest adherence to Western standards of democracy was demonstrated by Kyrgizstan. However the patriarchal mentality of



the major part of the population had stayed intact throughout the Soviet era, when trends towards tribalism actually intensified after gaining state independence. These mentalities and trends led to the elevation of authoritative tendencies and political destabilization.

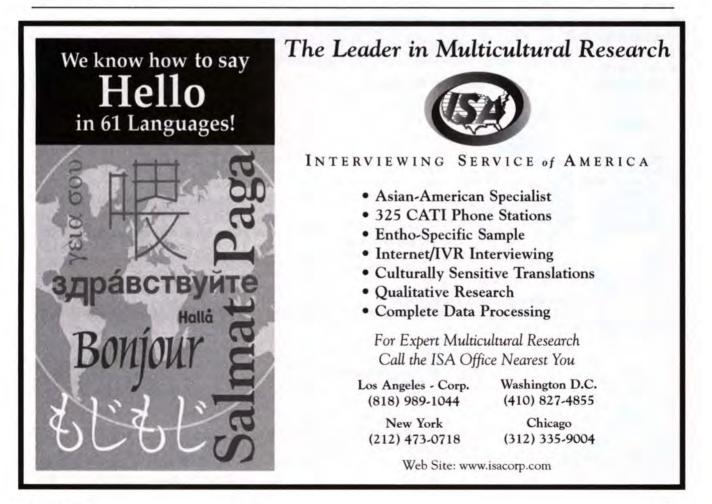
In Kazakhstan, however, political and interethnic stability has been preserved and even strengthened during the years of independence. Presidential authority exists in balance with an established multiparty system and a high level of independent mass media.

There is certainly an authoritarian regime in Uzbekistan. However its power was insufficient to prevent the rise of a religious extremism that was manifested in military and terrorist actions. The elimination of Islamic fundamentalism is the highest priority task of the Uzbek government at present. While on the one hand this situation hampers

the development of democratic tendencies, on the other hand it encourages further Uzbekistan orientation toward economic, military and political cooperation with the West.

Tajikistan succeeded in stopping the tribal civil war that began after its declaration of independence. Today its authoritarian presidency, supported by military help from Russia, is able to suppress new conflicts.

Turkmenistan is a country with a totalitarian regime based on the cult of



presidential personality. In August 2002 President Niazov was declared to be President for Life.

However, despite all their existing political differences, the Central Asian states are similar in their aspiration to maximize foreign investment.

It must be emphasized that the populations of Central Asian states are highly educated and qualified. These states can be regarded as typical developing countries, based on indicators of life qualities, and, to some degree, production levels and technologies. However, if judgement is based on the level and the quality of education, and on the networked development of secondary schools, universities and scientific bodies, then these countries, and particularly Kazakhstan, are directly comparable with the developed world. This opens opportunities for implementing different marketing research types and strategies, developing appropriate personnel recruitment for these situations, and using modern

research technologies.

# Conducting marketing research in Central Asian countries

1. Choosing the company and determining its capacities.

Ten years ago, when market economies were just emerging from the ruins of the Soviet Union, Western companies conducted marketing research in the region exclusively thorough mediators. The stages were normally at least two or three levels deep. Western companies assigned research projects to international (American or western European) research companies, which were themselves establishing partnerships with Russian or Turkish research companies, which in turn were searching for executors in the Central Asian states. The responsibilities in such cases were appointed in a standard scheme. The Western company usually elaborated research strategies and tools, analyzed data and made the final report and presentation. The local executor normally organized



fieldwork and entered data, mainly into databases such as the SPSS program, while Russian or Turkish mediatory companies only checked the entered data.

With the development of a local research industry, Western clients have frequently excluded the Russian or Turkish mediator stage. Yet there was a degree of hesitation over entrusting the whole research cycle to local companies. As a result, the cost of marketing information from Central Asia was between five and 10 times more expensive than if local companies had carried out this research and data handling internally.

The experiences of Western companies that have entrusted both the fieldwork and the analytical part of the projects to local companies have been positive. The benefits and reduced costs are quite apparent. The reports compiled by local researchers correspond with internationally accepted standards. Yet the contents of such reports benefit from local researchers being better informed of the specifics of their region, and not omitting any important information.

Before 1998, Coca-Cola considered it possible to utilize local companies only in the fieldwork and data entry aspects of its tracking projects in Kazakhstan, and even that limited aspect was under Russian supervision. Beginning from 1998, our company, then known as BILESIM International Kazakhstan, became an executor of Coca-Cola projects in Kazakhstan. We collected information for Coca-Cola projects and sent it to the American firm that was concurrently developing research tools and strategies.

At the beginning of 2002, Coca-Cola considered it possible to assign the whole research cycle, from the elaboration of research tools, to the preparation of final report and its presentation to BISAM, which successfully completed this project in the summer of 2002.

Currently there are several local professional research organizations capable of conducting projects to internationally accepted levels. The majority of these companies are concentrated in Kazakhstan.

Those companies with international levels of research capability and experience are members of a professional body, KAPIOR — the Kazakhstani Association of Professional Researchers of Public Opinion and the Market.

Current KAPIOR members consist of BRIF Central Asia, the previously mentioned BISAM Central Asia, the Research Group "Central Asian Project", the Centre of Public Opinion Research CIOM, and the Market Consult Group. The first three organizations mentioned above are members of The European Society for Opinion and Marketing Research (ESOMAR). The heads and specialists of these companies frequently participate at ESOMAR congresses and seminars. Each of the KAPIOR members is capable of conducting qualitative and quantitative research projects for different types of goods and markets. BISAM and BRIF companies have research networks throughout all the Central

### Asian region.

2. Statistical data. Capacities of desk research.

The quality of demographic statistics is variable in Central Asian states. The first census since independence in Kazakhstan and Kyrgizstan was conducted in 1999. Numerous publications, based on census data, feature detailed analyses of regions and settlements, and include crosstabulations of major demographic indicators. The indicators that have not been included in publications may be ordered from statistics agencies of the mentioned countries.

In Tajikistan, the census was conducted in January 2002. However, when using the materials of the census, a generally low level of statistical registration in this country should be taken into account. The latest census in Turkmenistan took place in January 1995. There are plans for conducting a selective (5 percent) census in 2004.

The most unreliable demographic category, of all the Central Asian state

statistics, is income. Collecting information about income through direct questions is ineffective in the post-Soviet region, due to a significant share of family income being derived from unofficial processes outside the taxation systems. This includes incomes from black market transactions, street trading, wages from tax-avoiding funds, and bribery. For these reasons, statistics agencies in Central Asian states began recalculating income levels based on actual expenditures on selected items that had been suggested by the respondents of representative surveys. However, such an approach considerably undervalues the real incomes of wealthy and middle classes, since there are no accounts of the postponed purchases, or savings.

Since 2002 attempts had been made by Kazakhstani statistics agencies to estimate undeclared incomes. However such estimation does not present accurate figures.

In Uzbekistan, and particularly in Turkmenistan, official income and expenditure statistics, and any other



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The quality of production, finance, and commerce statistics in different Central Asian states is also variable. In Kazakhstan and Kyrgizstan numerous special collections have been published of monthly analytical reports concerning the social and economic development of these countries. Accurate data of imports, exports, macroeconomic, and sector development can be obtained. However the reliability of official statistics is uneven for different goods and products. For beer and alcoholic beverages, for instance, there is a significant share of unregistered production and smuggled products.

Obtaining even minimal data about production, exports, or imports in Uzbekistan, Tajikistan and Turkmenistan demands huge efforts that often involve dealing with unofficial channels and confidential connections.

### 3. The possibilities and peculiarities of consumer research.

Consumer research in Central Asia may be conducted through diverse methods of data collection from traditional face-to-face interviews, to mystery shopping strategies. However door-to-door interviews proved to be the most effective method.

Due to high educational levels it is possible to use questionnaires with structurally complicated questions, transference instructions, and filter questions.

To determine lifestyles or consumption habits, it is possible to combine a questionnaire survey with observations. BISAM, for instance, has conducted home visits with interviewers observing and videotaping the washing procedures, and photographing the house interior.

The acceptable interview length is one hour, though the most efficient interviews are thought to last 30-35 minutes.

The focus group method is popular and very effective. Both urban and rural residents participate readily in focus groups, though the compensation rate is not high — from \$1-2 in rural areas, up to \$15 in elite districts of large cities.

The recruitment of focus group participants does not have substantial national and local differences. Yet it is important to be aware that, across Uzbekistan, Turkmenistan, Tajikistan, and in south regions of Kyrgizstan, men and women should not be present in the same focus group. In Kazakhstan there are no such restrictions in either urban or rural areas. Telephone surveys are possible in large cities where 70-80 percent of households are connected. In small cities and rural areas the telephone connection level is extremely low.

Internet communication is growing rapidly in all Central Asian countries. In the cities of Kazakhstan and Kyrgizstan, 8 percent of families use the Internet, compared with only 2 percent in 1999. According to existing projections, approximately 30 percent of households will be using the Internet in the urban areas of the mentioned countries by 2010. Internet access will be enabled not only through computers, but also through mobile phones. In Kazakhstan mobile phone usage almost doubles each year. Currently, however,



online surveys in Kazakhstan and Kyrgizstan are biased in favor of elite consumers or a minority of Internet users.

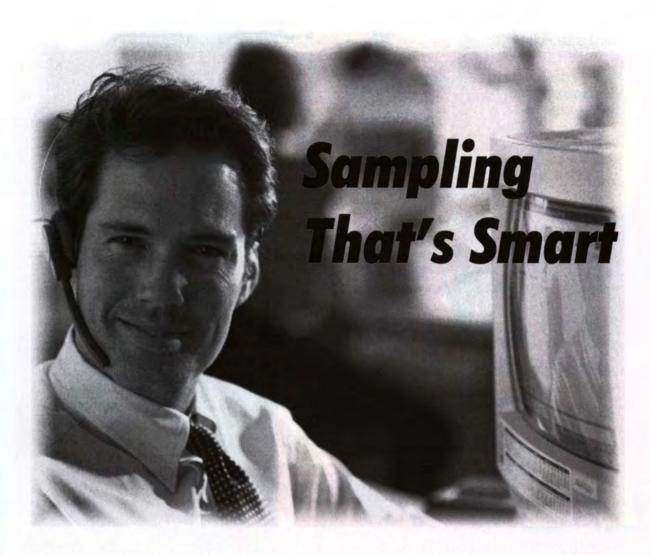
In general, there are no lifestyle or traditional factors in Central Asia that might hamper market research.

### 4. Competitive environments and corporate market potential.

Central Asian companies are significantly more experienced in consumer research than in business-to-business, non-consumer, or corporate consumer research. Yet these types of research projects are growing rapidly in number, and corporate market investigations have become an important field of expertise.

Problems in the development of these research directions are attributable to the initial phase of uncertainty and inexperience of Central Asian businesses in the post-Soviet era. Not so long ago the initial post-Soviet markets were dominated by a wide variety of crime, including organized racketeering. For this reason, local companies are still very suspicious of any kinds of inquiries about them. Since this tendency is exacerbated by the Soviet legacy of habitually restricting information from the public, it becomes clear why Central Asian enterprises and firms often perceive as confidential even basic information. For example, it is very difficult to obtain data on production and sales volume, and on the introduction of new technologies, even though the disclosure of such information has clearly apparent, demonstrable benefits, for the companies concerned.

Despite such systemic problems, our firm has managed to gain credibility among business circles, and has developed methods of studying corporate entities, producers and sellers. These include interviews of the standardized, semi-structured, and in-depth types. These methods also include the study of enterprises using focus groups at a managerial level. In our study of the bank services available to legal entities, for example, financial directors, and the accountants of transportation and trade companies, interacted successfully in focus groups.



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### International Research

# Research in Canada

Editor's note: For his annual contribution to our international research issue, our West Coast ad rep/roving reporter Lane Weiss stayed close to home, traveling to Montreal to speak with Elaine Rioux, president and CEO of Montreal-based Contemporary Research Centre.

uirk's: What research methods are most commonly used in Canada and in the province of Quebec?

Elaine Rioux: Telephone is the biggest, followed by focus groups and then all of the other techniques such as

mall research.

Is Internet research becoming more popular?

There is a slow increase in Internet research. It is far from taking over any of the standard methodologies. But it is very feasible.

What are some of the ways you see the Internet affecting market research?

The No. 1 effect I have seen recently in going to research conferences in the U.S. involves incentives. Telephone is the biggest research method here in Canada and we are used to doing studies for which we don't pay respondents, unless it's medical and you have to provide some kind of incentive. What Internet research is doing is creating this pool of cooperating respondents who expect to get paid in some fashion or another. It may not be actual money but they may earn points, for example.

Do language issues have an effect on conducting research there? If so, how do you compensate for those effects?

The official language here in Montreal is French so there is an effect because you have to think about simul-

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AFFORDABLE SAMPLES, INC.

800-784-8016 • FAX 203-637-8569 E-mail: sales@affordablesamples.com taneous translation, you have to use a local moderator because you have to have someone who can speak French. The rest of Canada is in English. A lot of people feel that if you have a translation from France you can bring it here but that doesn't work. French there and French here are very different, just as the English in North America is different from the English in Britain.

Do you often conduct some interviews in French and some in English?

Absolutely. It depends on where you are doing the research. If you are doing it solely in Montreal, it's going to be in French. If you are doing it in the rest of Canada, it will be in English.

Do clients specify that interviews must be conducted in French or in English, or does it depend on the subject matter that is being researched?

We have clients, mostly our American clients, who will call up and want to do research here in Montreal and they want us to get English-speaking respondents and nine out of 10 times we'll say no because you're not getting the true representation of this market. It would be like going to Toronto and trying to find Frenchspeaking respondents. You're not researching the right people, so we as researchers are not doing you a service by letting that happen.

If you are talking to someone in Quebec about the new packaging for Tide soap, for example, it doesn't make sense to do the groups in English. Why are you forcing people to use English when their advertising is in French, the TV is French? If you want to know the Montreal market, the Quebec market, you have to do the research in French.

What are some of the problems facing marketing research in Canada and around the globe?

Certainly the same things are having an effect here in Canada as in the U.S. The pool of respondents that are ready to do any kind of research is getting smaller and smaller. As all the polls are showing, cooperation rates are down so it is making it harder and harder to do research. It's making it more expensive because of the cooperation rate.

Are there privacy laws in Canada that make it difficult to conduct legitimate marketing research? Does telemarketing have a damaging effect on legitimate research?

First, on the privacy law issue, right now there is nothing specific. But we have to be very careful and keep an eye on what is going on in the U.S. and go to conferences such as those put on by CMOR [the Council for Marketing and Opinion Research]. Canada is very influenced by what goes on in the U.S. So if it becomes an issue in the U.S., it may later become an issue in Canada.

CAMRO [the Canadian Association of Marketing Research Organizations] is keeping an eye on that. It could become an issue because telemarketing has been a problem since the beginning due to the effect it has on respondent cooperation. People are getting more calls at home and you say no and yet the telemarketers persist. There has also been sugging. It has made people leery.

How has the consolidation in the market research industry, both in the U.S. and around the world, affected the industry? Is consolidation helpful or harmful?

Personally, I think it is helpful. I don't think we really have much choice. Look at the other industries outside of research that are consolidating. The smaller organizations are getting hurt, but really for research companies to be part of the game longterm, they have to look at what clients want now. They want service quicker, they want to deal with one person. With larger firms, they get to call one person and they can handle the entire world for them. That is an added value. Plus at the same time, if you can form partnerships with other firms, you can help your clients. If people are doing business here in Canada, I want them to call me or another firm here because we can understand all the nuances and differences in our cultures.

Do your clients have reasonable expectations about what they can do

### with or learn from marketing research? Do they make effective use of the information they obtain from research?

I think the majority do, but like anything, you have clients who want the sun, the sky and the moon and they don't want to pay for it. There are those who, when you get the information for them, it's not the answers they want to hear. But I think you get that in any kind of business. You have reasonable and you have unreasonable. The majority are reasonable.

### What things could marketing research companies be doing to help their clients make more effective use of marketing research data?

There will always be a few clients who don't listen, just as there are bad researchers who fudge the data and hurt us all. But the people I have been fortunate to work with are coming up with great ideas. I see more partnerships forming with the end-user client and the actual consultant/researcher. And I think everybody has something to gain by that.

Have you seen trends in the use of marketing research in Canada? Are certain kinds of companies or industries doing more or less research, or doing research for the first time?

Our volume has decreased but the number of clients is the same. The U.S. economy definitely effects the Canadian economy. Probably about 35-40 percent of our clients are in the U.S. They're just doing fewer projects. We often will deal with U.S-based research firms who need a Canadian partner and as their business volume has decreased, that of course effects us. At the MRA conference in June in Washington, I talked to other research firms who said that their volume was good but not where their expectations had been. Everybody is worried.

As for trends in the kind of research being conducted, I have seen more and more companies wanting to get closer to consumers and see how they live and use products. It's like all the reality-based TV shows that are on these days. I call it reality marketing research. Are the research departments in the client companies growing or shrinking? Are client companies looking at research providers as consultants in information management, or still just as data-gatherers?

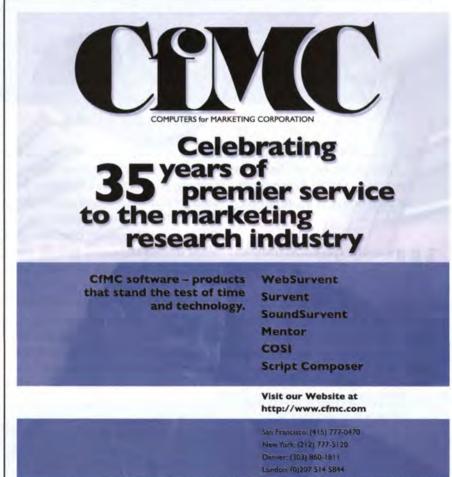
In the '90s, there was downsizing and companies went the consultant route and cut down their marketing research departments. They are still doing that; they are not increasing their MR departments. So there hasn't been any great change. If a company is set up so that they use a marketing research firm just as a data gatherer, and the client company is going to do the analysis themselves internally, they have stayed with that mentality.

But if you are smart as an end-user company, you are using someone on the outside to conduct your research because you are going to get an unbiased opinion, hopefully, and get the true facts and have someone really analyze it. When you depend solely on internal people, you aren't getting any fresh ideas or an outside perspective. Do you think more companies will rely on a global marketing approach or will they tailor their marketing efforts, and by extension their marketing research efforts, to each country?

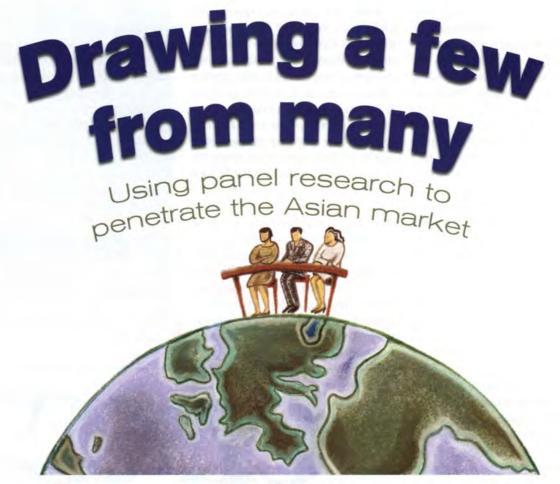
It's fine to be global, but everybody needs to listen to each individual country. When we are educating our clients, we say it's great to be global but there are distinctions. In Canada for example, Quebec has always been culturally very different from everybody else. But you have that in the U.S. as well. What works in New York won't necessarily work in Paris or Beijing. When you are globalizing you have to get good advice from within those different countries.

## ⊃ QuickLink

To read some of Lane Weiss's past Q&As, visit www.quirks.com and enter Article QuickLink number 296 (research in Germany and France), 529 (Egypt and Israel), 731 (Denmark, Germany, The Netherlands), or 377 (Belgium, France).



### International Research



Editor's note: Al Fitzgerald is president and founder of Answers Research, Inc., Solana Beach, Calif. He can be reached at info@answersresearch.com.

e've all experienced firsthand how the Internet does indeed make the world a smaller place. And we also know the Internet has in some ways not yet reached its much-touted potential for marketers. Publicly traded dot-coms (that have lasted the industry shake-out) have leveled off to reasonable double-digit share prices, and advertisers have learned that a banner ad does not equal instant market-share leadership. Within this reevaluation of the online sector, market researchers have con-

### By Al Fitzgerald

tinued to tap into Web-based resources. One of the most significant ways in which the Internet can be used to reach customers across the globe is through online panel studies. While reduced costs are often recognized immediately as a benefit, the fact that online panels can often cut the data collection time by 90 percent or more should not be overlooked.

With some 500 million people online worldwide, the Internet has certainly succeeded in bringing the world community together. And with over 100 million Internet users in the Asia-Pacific region and a conservative 30 to 50 million users in China and Japan respectively, online panel development is becoming one of the most efficient ways for marketers to reach their customers. Prior to the recent Internet explosion, when inperson or telephone interviewing were the market research mainstays, it was typical for data collection in China or Japan to last four to eight weeks (or longer) and require enormous budgets. Today, using an online panel, data collection for the same types of studies can be completed in a matter of four to eight days and require far fewer research dollars.

### Benefits of including Asia in research

The steady online user growth in China and Japan illustrates the necessity for marketers — particularly from companies offering IT-industry gin updaten generation of the second second of the fille second of the the second of the the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of t

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In order for foreign companies to gain market share in these Pacific regions, it is critical to understand the needs of these populations. Panel research provides both a cost-effective and timely way to do just that. With this approach, participants are pre-screened for your study and surveys can be easily translated from English into Japanese language or Chinese character for online deployment.

An online panel consists of a group of specifically targeted individuals in a particular field who have agreed to participate in ongoing market research via the Internet. They can be grouped by profession, income level, gender, age, and almost any other factor you are interested in. Panel development provides not only instant access to a specific type of respondent, but eliminates the need to spend valuable time locating and recruiting specific hard-to-reach individuals — they have already agreed to participate and belong to the group you're interested in targeting.

### Establishing the panel

The first step to successful panel development is asking qualified individuals to participate. In China and Japan, typical recruitment methods include contacting respondents who have participated in previous studies as well as obtaining names from published lists or public directories. The next step is to send them an invitation via mail, e-mail or telephone to participate in the panel. Interested individuals are asked to provide their e-mail address and complete a brief online registration questionnaire that collects their demographic, firmagraphic and contact information.

It is important to ensure that the panel is projectable to your target market. In some instances, this requires panels that are balanced demographically and according to other key variables such as region, firmagraphics, etc. In order to obtain balanced data, it is essential that the panel be broad enough to encompass the range of people in your tar-



get audience.

### Who has a PC?

In China, there is a great difference between the rural and urban areas. While rural areas may not even have electricity, most cities are very modern. Despite China's relatively low median household income, China's "one child" policy has effectively increased disposable income to spend on a family computer. In addition, with only one child, the aunts, uncles, and grandparents pool resources to purchase a home computer for a school-aged child. Being computer literate is perceived as very important both China and Japan. in Approximately one half of households in large urban centers in China have access to a PC. On the business side, small businesses typically are not computerized in China, but personal computers are the norm in large enterprises.

### Maintaining the panel

Once the panel has been established, the question becomes how to maintain it. Even the best panels will eventually become worthless if care is not taken to retain and replace members on a regular basis. Cash, gifts, products, lotteries or access to study results can be offered as an incentive to participate, along with newsletters created for specific panel segments. Often a simple thank you e-mail can go a long way in making participants feel appreciated and valued and maintain their obligation to participate.

In both China and Japan, gifts can often be very useful incentives. In fact, small and inexpensive gifts can be much more of a motivator in China and Japan than in the U.S. or Europe. Also, reminding members that their opinions are helping shape future products is a benefit. Providing short and simple surveys can also be effective. Keep in mind, possibly because of the greater complexity of the language, a survey that takes 15 minutes in English will often take longer to complete Chinese and Japanese. Finally, it is important to limit the number of times individuals are asked to participate in research studies. Typically, asking panelists to participate a maximum of once per month is a good rule of thumb to follow. This will eliminate the possibility of participant burnout or of any one person having undue influence in a particular area.

Regardless of the strides taken to retain panelists, approximately 10-30 percent of the panel can be expected to drop out each year. Metrics can be developed to determine at what point a member is considered a dropout. For instance, it can be established that a panel member is no longer interested after they fail to respond to three invitations or after receiving an e-mail bounceback. When this happens, it is important to replace these individuals.

### The limitations

Even the best solutions have their drawbacks. While online populations tend to favor a more affluent population, this is particularly true in parts of Asia. In China, there is a great disparity between the cities and the rural areas. While rural areas are, for the most part, non-computerized, close to half of professional households in the cities have computers. While China still lags in Internet access and relies largely on slow-speed dial-up connections, it is rapidly gaining strength. If a sample with a broad cross-section of the population is required, online panel recruitment alone may not be sufficient.

The process of pursuing an online panel can be challenging, but when you think of having to recruit from scratch for each study, the idea becomes more and more appealing. Leveraging the most data for your research dollars is also a great incentive. Perhaps the greatest reward is that limiting the time spent collecting the data increases the time that can be used to analyze and use the information gathered. Now there's motivation enough to consider a panel approach.

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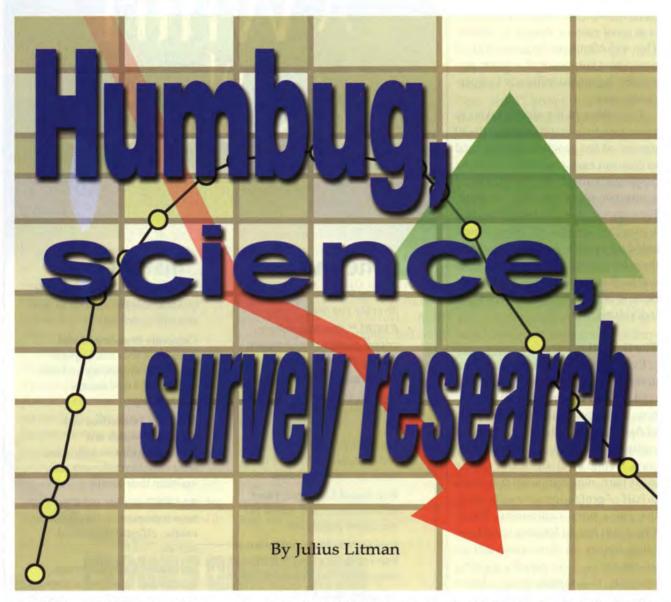
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### Data Analysis



Editor's note: Julius Litman is managing partner of Force Four, Inc., a New City, N.Y., educational consulting firm. He can be reached at jlitman@optonline.net.

By the mid-20th century, researchers had settled on probability sampling as the preferred technique for accumulating representative survey samples. This not only provided a scientific approach to ensuring representativeness in survey sampling, but also made possible the application of significance testing to the results obtained.

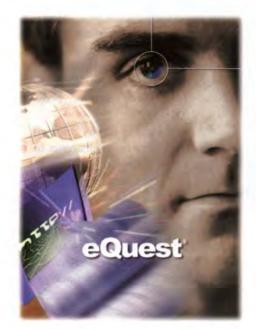
Sixty-plus years later, today's survey

research is plagued by low response rates — a serious, worsening, intractable, and exceedingly well documented phenomenon which has been a salient feature of the survey methods literature since the emergence of polling in the 1930s, and a regular feature of statistical and social science journals since the 1940s.<sup>1</sup>

Nonresponse — the inability to complete interviews with all qualified members of a sample — is of material importance because it adversely affects our ability to draw representative samples. More to the point: nonresponse diminishes survey research by robbing it of its claim to science. This is because: if we can not trust the samples we draw to be "representative," then survey research can not really be trusted to be science.

Ultimately this means survey research is destined to become, and be regarded as, more art than science. Lucrative, when done well; nothing to be sniffed at; and certainly admired when successful in its ability to "read" an audience...but hardly science.

The challenge confronting today's survey researchers then is to reclaim the science. This article argues that by leveraging the Internet to conduct rapid-fire study replications — reproducing results and yielding converging



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data — researchers can re-actualize survey research's claim to science.

### Survey research science

As practiced today what — if anything — is scientific about survey research?

It's not the questions we ask nor the manner in which we ask them. It's certainly not the response alternatives we provide or the way survey research data are tabulated. Nor is it the analytical schemes or statistical tests we apply.

None of these is in any way scientific. All are matters more of art and judgement, than science. They are almost always driven by budget constraints, and entirely too often by tradition, as in: "Well...this is the way we've always done it."

The one thing, the only thing, that imbues survey research with science is: sampling. It is in our insistence that a sample be scientifically drawn to be representative that science makes an appearance at all in the survey researcher's work.

If sampling is the only scientific

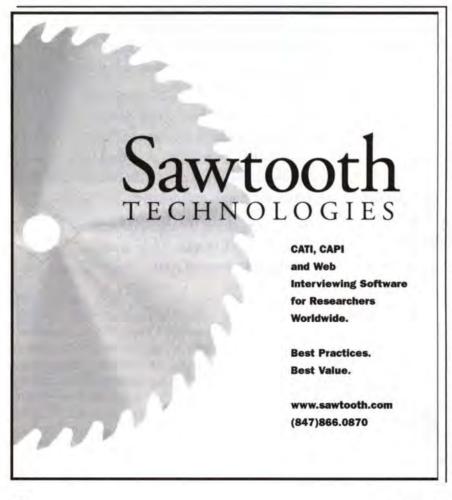
aspect of survey research, then today's problems of nonresponse make it difficult for survey research to claim a foundation in science. Stated somewhat differently, if the "representativeness" of our samples is in doubt, then what science there is in survey research...evaporates.

So if the science in survey research can no longer come from adherence to probability sampling, is there some other aspect to the scientific method on which survey researchers might depend?

Fortunately, there is. In the notion of reproducibility. Better still, we now have the technology to cost-effectively reproduce survey research findings, thus enabling researchers to re-establish survey research's grounding in science.

### **Replication and reproducibility**

The Internet makes it possible for survey researchers to cost-effectively and rapidly replicate their studies. Because of the speed and lower cost with which interviews can be accumulated, we can harness the Internet to



reproduce study findings rapidly and repeatedly.

The point is that instead of relying on sampling to ensure the science in survey research, we can leverage our ability to rapidly replicate research findings. This ability to reproduce findings goes a long way to assuring scientific credibility.

There are things, of course, reproducibility can not do. It can not, for example, guarantee valid results. Nor can it solve the problem of self-selection. Reproducibility in and of itself can not cure all the ills of survey research. It is not a panacea. It is, however, a robust mechanism for self-correction and the enforcement of performance standards.

What reproducibility does do is assist in exposing spurious findings. It assuages our concerns about the reliability of our survey results by producing — or not producing — converging data. It facilitates decision making based on repeated trials and most importantly weans us of our reliance on the design and execution of single, one-shot, "definitive" studies.

### Sampling

Today's survey researcher relies, in the main, on two methods of sampling: quota and probability sampling.

In quota sampling, samples are made representative through stratification. This stratification is typically achieved through the calibration of such control factors as: gender, age, geographic distribution, race, ethnicity, education, religion, occupation, political affiliation, income, marital status, number of children, and so on.

Despite our reliance on quota sampling, there are a number of drawbacks to its use. It presumes an accurate estimate of the incidence of the various control factors in the population from which the sample is being drawn. It assumes, as well, a robust understanding of the control factors themselves, including their relevance to the unknown characteristic being measured.

Then there are the practical difficulties associated with attempting to mesh several controls together. This is especially true when attempting to stratify within a stratum, e.g., controlling for specific age cohort distributions by gender.

Finally there is the uneasy feeling that a sample's forced similarity with a population generates undesirable byproducts of the stratification process itself. In short, we become concerned that the more we try to control a sample, the more distorted it becomes along other relevant but unseen dimensions.

By the early 1950s, therefore, survey researchers' thinking about sampling coalesced around the notion of the probability sample<sup>2</sup>, i.e., a sample in which the selection of all respondents was by random methods such that all qualified population respondents have a known chance of being included in the sample. Or more precisely in the words of Frankel and Frankel:

"Probability sampling (is) the process of selecting elements or groups of elements from a well-defined population by a procedure which gives each element in the population a calculable non-zero probability of inclusion in the sample. (Where) the phrase 'calculable non-zero probability of inclusion' means that every element in the population has some chance of being included in the sample and that the probability of its inclusion can be determined."<sup>3</sup>

### The problem of non-response

Much has been said about nonresponse. The purpose here is not to: belabor that literature, bemoan the causes of non-response, besmirch the tactics designed to improve response rates, nor decry compensating for nonresponse by data imputation or weighting. Nonetheless, several points about the historical treatment of and survey researchers' reactions to response rates are in order.

As exhaustively documented by Tom Smith of the NORC<sup>4</sup>, response rates are seldom reported. Now the likelihood that the absence of published response rates is because they are uniformly robust seems slim. Instead, it is more likely that survey researchers avoid reporting response rates mostly because these are so lackluster.

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In Smith's own words: "Overall, reporting of nonresponse is a rarity in the mass media and in public polls. Nonresponse is more regularly documented in academic and governmental studies, but is still sporadic at best (emphasis added).<sup>2</sup>Cites in books and project reports also are very uncommon (emphasis added).<sup>35</sup>

We are forced to confront as well the observation of little conformity in the way response rates are calculated. Again in Smith's words: "First, response rates and other outcome rates are usually not reported. Second, when reported, they typically are not defined. Third, when their basis is documented, various meanings and definitions are employed. As Richard Lau (1995, p. 5) has noted, "Unfortunately, survey organizations do not typically publish response rates; indeed there is not even a standard way of determining them." And as James Frey (1989, p. 50) has observed, "Response rates are calculated in various ways by different research organizations. The basis on which these rates are calculated is not often reported."6

Instead of dwelling on the underreporting of response rates and the absence of standardization, we consider instead the importance of response rates and what might be called the Sheatsley Admonition<sup>7</sup>: "A probability sample in which only 60 percent of the assigned cases have been completed can be subject to severe bias, since the 40 percent who are 'hard to get' may have quite different characteristics.... Generally, (an) 80 percent (completion rate) is regarded as acceptable; anything below 75 percent may be viewed with suspicion."<sup>8</sup>

Or more recently, in 1979 guidelines issued by the U.S. government's Office of Management and Budget (OMB):

"It is expected that data collection based on statistical methods will have

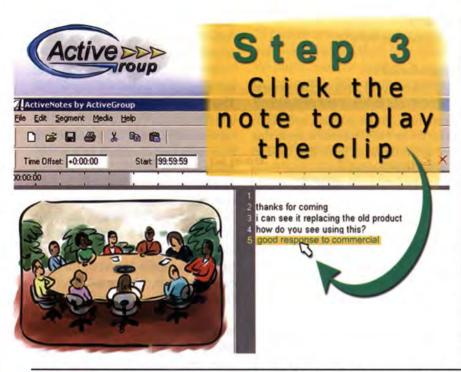
a response rate of at least 75 percent. Proposed data collections having an expected response rate of less than 75 percent require special justification. Data collection activities having a response rate of under 50 percent should be terminated. Proposed data collection activities having an expected response rate of less than 50 percent will be disapproved. As a general rule, no request for clearance of a general purpose statistical survey or report having an anticipated response rate of less than 75 percent will be approved unless the Office of Federal Statistical Policy and Standards of the Department of Commerce concurs in the request."9

Well, things have certainly changed. Nowadays we, and the U.S. Government, content ourselves with response rates that are well below 50 percent<sup>10</sup>. This, of course, is at the peril of probability sampling, which — as we noted at the start — underlies survey research's claim to a basis in science. To understand why this is true, we consider some issues of sample size.

### The law of large numbers

The law of large numbers is a straightforward proposition. It is the mathematical proof of the theory that a relative frequency, mean, range, or standard deviation calculation will be more accurate with a large sample than





with a small sample.

It is the law of large numbers that enables us to put our faith in survey research as sample size increases. Simply stated: the more randomly selected, independent observations we have, the more confident we are that those observations reflect reality.

O.K., you say, if the law of large numbers applies, then all we need do is make sure we complete interviews with large samples of respondents. And in fact this mistaken rationale governs the way most of today's survey research is conducted.

Whether probability sample or quota sample, the emphasis in the conduct of survey research is on the accumulation of large sample sizes; as if that alone suffices to ensure the accuracy, reliability, and (most importantly) the science behind our survey research findings.

Let's see if we can convince ourselves of this.

### A common sense approach

Suppose we set out to interview people, randomly and independently selected, about their interest in the color blue. We approach 10 people, and only one or two of the 10 answer our question. That is to say, we have between a 10 percent and 20 percent response rate.

Common sense says that it's proba-

bly neither reasonable nor prudent to assume that we know the responses of the other eight or nine people who do not speak to us based on the feelings of the one or two people we do speak to.

We could, of course, drastically increase our sample size. This time we succeed in asking 1,000 people about the color blue. Does this much larger number of respondents really make us more comfortable with the notion that the answers received from those 1,000 respondents represent the views of the other 4,000 to 9,000 respondents we contacted, but who made no response?

Don't we suspect in both cases that the 10 percent to 20 percent of respondents who did answer our question(s) differed somehow from the 80 percent to 90 percent — i.e., the vast majority — of all potential, qualified respondents who did not respond?

Uncertain? Well, let's roll some dice.

### An empirical approach<sup>11</sup>

We begin with a single six-sided die. Assuming that it is a fair die, then each of the six possible events that can take place on a given trial are equally probable. This means on each roll there is: a one in six chance of throwing a one; a one in six chance of throwing a two; a one in six chance of throwing a three; and so on.

Now consider our ability to estimate the probability of obtaining these six outcomes as the number of trials changes. The law of large numbers says that our ability to estimate the probabilities associated with each outcome should improve as the number of trials increases. So as the number of trials increases, we expect there to be equal numbers of ones, twos, threes, fours, fives, and sixes thrown. This is true because the law of large numbers says we get a truer picture of the underlying distribution of outcomes as the



number of trials increases.

To complicate the game a bit, let's take two six-sided dice and toss them. We will now use the sum of the two dice as our outcome. Obviously, there is now a different number of base events that can give rise to each of the possible outcomes. The probabilities of these outcomes are shown below.

### research?

Fortunately there is.

### Reproducibility

Consider cold fusion. The central claim of cold fusion is that the fusion of deuterium can be initiated and maintained in an electrochemical apparatus not much different from that used to

Outcomes	Events	Proportion
2	(1,1)	1/36
3	(1,2) (2,1)	2/36
4	(1,3) (2,2) (3,1)	3/36
5	(1,4) (2,3) (3,2) (4,1)	4/36
6	(1,5) (2,4) (3,3) (4,2) (5,1)	5/36
7	(1,6) (2,5) (3,4) (4,3) (5,2) (6,1)	6/36
8	(2,6) (3,5) (4,4) (5,3) (6,2)	5/36
9	(3,6) (4,5) (5,4) (6,3)	4/36
10	(4,6) (5,5) (6,4)	3/36
11	(5,6) (6,5)	2/36
12	(6,6)	1/36

The law of large numbers is still at work and our ability to estimate the probabilities associated with any of the outcomes improves as the number of trials is increased.

But what happens if for some unknown reason our view of one or more outcomes, say the (3,1) or (6,2) combinations, is intermittently obscured or (worse) occurs but is never reported at all? Well, obviously our ability to estimate population parameters is adversely affected. This remains true no matter how many times the dice are rolled. So long as some outcomes are never reported or otherwise obscured, or over-reported — no matter how many times we roll the dice our population estimates are going to be wrong.

This is the problem with nonresponse. No matter how large our samples, so long as 80 percent to 90 percent of all respondents contacted refuse to cooperate we can not be certain that some outcomes are obscured or go unreported altogether; and that the 10 percent to 20 percent of respondents who do cooperate are, therefore, not representative of the population from which the sample is drawn.

So if survey research as practiced for the last 20+ years is scientifically dubitable because of our problems in getting representative samples, is there some other aspect of the scientific method we can deploy to reintroduce science to the discipline of survey demonstrate the breakdown of water into its component gases in a high school chemistry class.

This claim, first reported in March of 1989, was put forward by two respectable scientists: Fleischmann of the University of Southampton in England and Pons of the University of Utah. Regrettably, this initial claim of "cold fusion" was quickly met by counterclaims from equally respectable labs and investigators to the effect that the initial findings could not be replicated.

In the midst of the ensuing controversy, the Department of Energy had its Energy Research Advisory Board (ERAB) conduct a study of the situation. But even before the ERAB panel issued its report, the consensus of mainstream researchers was that the claims of cold fusion's adherents were invalid. The ERAB report formalized and solidified that consensus — a consensus which remains unchallenged to this day.<sup>12</sup>

### Reproducibility in survey research

Reproducibility: the replication of results, is the *sine qua non* of the scientific method. Science does not accept as "scientific" results which can not be reproduced. The notion behind reproducibility is that if the results obtained by one scientist can not be replicated by a similarly skilled scientist using similar equipment, then there is a concern of spuriousness in the original finding. Reproducibility is the check which scientists apply to ensure that science is science and not mere idiosyncrasy.

Until very recently the replication of survey research studies was impractical. This was for several reasons, but most often because of the cost involved. Few organizations could afford to launch more than one execution of a survey research study.

However, even where cost is not a constraint, the amount of elapsed time required to conduct, analyze, and report the replication of a study inevitably means that any observed differences between the original effort and its replication might equally be the results of "history" and "maturation"<sup>13</sup>.

These three considerations — cost, history, and maturation — doomed most efforts at study replication from the start; and, ironically, have driven the need to create the "definitive" one-shot study. After all, if we have neither the time (because it takes too long) nor budget (because it costs too much) to do it more than once, then we'd best get it right the first time. Survey researchers have therefore been at pains to design research, execute the design, get an answer, and live with the results.

Not being fools, experienced survey researchers therefore rely not on any single study, but instead look for converging data. This search for converging data is a weak form of study replication. We look for confirming data from multiple, independent sources to buttress (or dispel) the findings of our survey research efforts.

### Reintroducing science to the art of survey research

The advent of Internet-based market research makes it possible to introduce the key element of reproducibility to survey research. Using Internet-based techniques we can rapidly and cost-efficiently accumulate and simultaneously report results from multiple locations. By insisting on reproducibility we incorporate a key requirement of the "scientific method" in our survey research efforts.

More concretely, consider our ability to screen respondents for their use of widgets and then interview 1,000 widget users in the space of an evening by intercepting them at several of the popular search engines or widget enthusiast Web sites. Let's say we did this for five consecutive nights with detailed results for each night available the next morning.

Now imagine that the results to a question about willingness to buy a \$10.95 blue widget was 20 percent on Monday, 22 percent on Tuesday, 18 percent on Wednesday, 17 percent on Thursday, and 23 percent on Friday, as shown in the table below.

likely feel comfortable concluding that 20 percent of the widget-using population would buy a \$10.95 blue widget. We might even feel justified in saying the estimate is 20 percent  $\pm 3$  percent, though this would not be a confidence interval.

Our  $\pm 3$  percent interval around the mean of 20 percent is an estimate based on empiricism. It's an observed, not a computed, range. It is based on repeated trials instead of on assertions about the random nature of our sample and the

Night	Sample Size	Willingness to buy \$10.95 blue widget		
Monday	1,000	20%		
Tuesday	1,000	22%		
Wednesday	1,000	18%		
Thursday	1,000	17%		
Friday	1,000	23%		
Total/Average	5,000	20%		

If we found nothing unusual about the demographic composition and several widget purchase correlates for these five samples of 1,000 respondents, we'd normal distribution of blue widget purchase behavior among widget users.

One can easily think of variations which would multiply our faith in these replications. We could replicate more often: in the very early morning and on weekend nights in addition to evening mealtime hours. We could, if we wanted, replicate frequently but over extended periods to check for seasonality effects.

We could replicate across a broad range of search engine or widget enthusiast sites. We also could replicate across related subject area Web sites or other Internet locations where we might expect to find widget users.

We would replicate the study as often as practicable until we obtained converging data. Depending on the importance of the decision at hand, our concerns about false acceptance versus false rejection, and the investigator's personal view of what constitutes converging data, we might standardize on more rather than fewer replications before agreeing that "convergence" had occurred.

If the data never converged we'd probably suspect something wrong with the questions being asked. We would reword the questionnaire and try again.



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As likely, we would also re-examine the underlying assumptions about the sources, quality, and/or self-selected natures of our samples.

Rather than attempt to design the definitive one-shot study, executed and reported over a 14-to-30-day period (or longer), we look instead for converging data from multiple iterations of a study executed and reported in rapid fire fashion. The science underlying this approach has nothing to do with sampling theory. It depends instead on the common sense requirement that before accepting a study we insist on the reproducibility of its results.

### Representativeness

Well what about representativeness? Do many, rapidly executed iterations of a study across multiple Internet contact points on a 24x7x365 basis mean we are more likely to have a representative sample?

Unlikely. Again, response rates and self selection come into play. While there is current experience with Web site intercepts yielding response rates of 40 percent to 60 percent, it is almost certain that these response rates will decay over time.

More importantly, perhaps, is the concern that the respondents who respond to Web site intercepts are strongly involved positively or negatively in the event/activity experience. Perhaps, too, they are simply people who enjoy responding to surveys, socalled professional respondents.

None of this matters. It is no different than in traditional, survey research efforts where respondent self-selection is likely for much the same reason(s). Use of the Internet to replicate a study, therefore, is neither worse nor better than current survey research techniques in terms of the reasons respondents self select to respond.

Rapid iterations of a study across multiple Internet contact points on a day-in/day-out basis are superior, however, in other ways. There is the constant, ongoing, rapid-fire, replication of a study; the speedy development of converging data; and the ability to say: "No matter how many times I sample from within this population, the measure remains about the same."

As the frequency of these sampling iterations approaches continuous measurement, barometer-like information is obtained. In such instances the absolute value of a reading may be of less importance than its directionality: is the reading going up, going down, or is it flat, unchanged?

### **Continuous measurement**

Continuous measurement is the logical extension of the notion of rapidly repeated trials, except that instead of sampling repeatedly, we sample continuously. *In situ* continuous measurement is everything survey research aspires to be, but can not achieve. This is because by its very nature current survey research practice is either retrospective or projective.

We can ask someone what they did and how they felt when they did it; or we can ask someone what they're likely to do and why they think they might do it. It is only with the advent of the Internet that we have the ability to inter-



cept large numbers of respondents in the very course of their experiencing an activity or event, akin to the way an ethnographer might study a population.

### The new science in survey research

Given the impacts of poor and decaying response rates on sampling, it is increasingly clear that sampling can no longer be depended upon for the science in survey research. That science must come from some other aspect of the scientific method.

Instead of "definitive" one-shot study designs with uncertain representativeness, we must broaden the search for converging data. This search is facilitated by the Internet, as its technologies enable survey researchers to generate multiple iterations of a study quickly, efficiently, and cost-effectively — across time (24x7x365) and across space; worldwide, as adoption of the Internet continues its wildfire proliferation.

Whether executed and reported in staccato-like rapid-fire fashion, or implemented as continuous measurement, the ability to amass and quickly analyze data collected from multiple iterations of a study facilitates not only the pursuit of converging data, but also the acceptance of research study findings based on their reproducibility.

The science underlying this approach has less to do with sampling theory and more to do with the fundamental requirement of the scientific method that before investigators accept a study finding, they insist on the reproducibility of its results.

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"I found very nearly the same dice-based examples below at various places on the Internet. I am indebted to Toby Dye of the Parmly Hearing Institute at Loyola University Chicago for the version posted by him at www.parmly.luc.edu/statistics/stat6.pdf. "Paul Jaffe, Introduction to the Internet Edition of: Cold Fusion Research, A Report of the Energy Research Advisory Board to the United States Department of Energy, Washington, DC DOE/S-0073 DE90 005611, November, 1989, posted at http://www.ncas.org/erab/intro.htm.

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# Measuring trends: M there oughta be a law

There is law, and it may help you choose the best method for the job

By Fred Phillips

Editor's note: Fred Phillips is professor and department head, Department of Management in Science and Technology, at Oregon Health & Science University, Beaverton, Ore. He can be reached at fphillips@admin.ogi.edu.

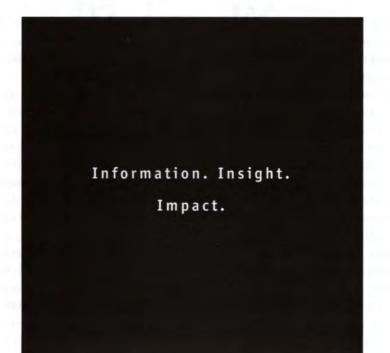
ord got out that you have a market research problem. Two vendors have appeared at your door; one sells surveys, and the other sells panels. Which should you choose? If you choose a panel, what kind of panel will cost-effectively solve your problem?

If you want to measure a trend — in purchase volume, market share, or any other behavior — you'll want to give panels a serious look. Even then, deciding among surveys and various flavors of panels is no slam dunk.

This article expands on Wansink and Sudman's excellent essay in the May, 2002 issue of *Quirk's*<sup>1</sup>, giv-

ing trend watchers an advanced primer on panels as well as more tools (and one simple "law") for making this important decision. The tools extend those in Sudman's classic *Consumer Panels*<sup>2</sup>, which he wrote with the support of MRCA Information Services (then called Market Research Corporation of America) while consulting for the company. Later, when I was MRCA's vice president for research, the present article's tools were devised and published in academic journals.<sup>3</sup>

Suppose you need to know the month-to-month trend in a company's purchases of software licenses, or a household's purchases of breakfast cereal. The January-February trend in purchase volume is simply the difference between the amount purchased in February and the amount purchased in January. Trend measurement necessarily involves a span of time — a beforeand-after — and is an example of longitudinal measurement. We can contrast this kind of measurement with cross-sectional measurement, which involves only



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one point in time. (Examples of cross-sectional marketing queries include, "What brand did you buy today?" or "Whom did you vote for in the last election?" and so on.)

The word "panel" refers to a research design in which respondents answer the same questions at least twice, with the reporting occasions separated by an interval of time. An ideal panel is one without attrition, i.e., one in ' which all respondents in the first wave of reporting also report in subsequent waves. The population of respondents in a panel with attrition can be static or dynamic. In a static panel there is no replacement of panel members who have dropped out after the first wave, whereas a dynamic panel is replenished in order to preserve the panel as a good representation of a particular population. The total replenished panel sample, including both original respondents and replacement respondents, is called the summary sample. As an alternative to panels, a trend might be measured by two or more independent, cross-sectional surveys, each with a different sample of respondents.

Operators of continuous, multi-client panels replenish their panels as a matter of course; they may then charge extra for the programming needed to "pull" a static sample. It is widely presumed that static samples are superior to summary samples for minimizing sampling error. We show below that this is not always true, and that research users (who often pay a premium to ensure a sizeable static sample) can save money by using appropriate summary samples.

To briefly review Stats 101, both surveys and panels are samples, subject to sampling errors of two kinds. Sample bias arises when we sample a group of respondents that is not really representative of the target population of buyers. Sample variation happens when we sample representative respondents but not enough of them.

The word "bias" means the same thing in statistics as in ordinary language; a biased sample statistic is "a little bit off" its true value. Momentarily ignoring sample variation, we can write the measured value of the trend like this:

Measured January-February trend in purchase volume = (True volume in February + bias in February measurement) – (True volume in January + bias in January measurement)

Panels have a clear advantage over repeated independent surveys, insofar as bias is concerned. In a panel that is ideal or nearly so, January bias pretty much equals February bias, and the bias terms in the above equation cancel out, leaving only the true trend. When two surveys use different sampling methodologies and/or measure completely different sets of respondents, the two bias terms differ, and the survey-

> measured trend is in error by an amount equal to "February bias minus January bias."

Should we measure a trend using repeated independent samples, or a panel sample? Because bias is hard to estimate (most commercial researchers provide a speculative list of possible sources of bias, without estimating their magnitude, and call it a day), we will make decision rules S based on the variation of the estimate, or more precisely, the mean square error. A key element of our decision is the serial correlation (sometimes called autocorrelation) of respondents' behavior. The serial correlation reflects the tendency of individual

buyers/respondents to repeat the same behavior in successive measurement periods.

If a market measure is reported in two independent surveys of size n taken in two periods, and this market measure has the same variance  $\sigma^2$  in both periods, then the mean square error of an observed trend in this measure is  $2\sigma^2/n$ . When observations are taken on an ideal panel (i.e., no attrition) for two sufficiently short periods, and the serial correlation of individual behavior is  $\rho$ , then according to Sudman, the mean square error of the measured trend is:

MSE (ideal panel) =  $2\sigma^2 (1-\rho)/n$ 

This formula implies a well-known proposition:

For any positive  $\rho$ , the MSE is less for an ideal panel than for repeated surveys.

That is, the ideal panel is preferable. Now consider panel attrition and its effect on measuring the trend using only the static (non-dropout) portion of a panel with attrition.

MSE (static portion) =  $2\sigma^2 (1-\rho)/Rn$ 

where R = proportion of non-dropouts (the "retention rate"), and n = size of the summary sample. R, of course, is the complement of the attrition rate A. (R = 1 - A.) This implies a second proposition, which may be called a "law" because of the simple and unexpected nature of the result:

The static panel estimate is less variable than the survey estimate whenever  $\rho > A$ , i.e., when the autocorrelation exceeds the attrition rate.

Because such simple relationships are rare in marketing (at least, useful ones are), my colleagues have kindly dubbed this "Phillips' Law of Longitudinal Sampling."

There are a number of simple proofs of Phillips' Law. It can be shown further that MSE (summary sample) =  $2\sigma^2(1-R\rho)/n$ . Simple arithmetic then shows that:

The estimates from the summary sample are less variable than those obtained from the static sample whenever  $\rho < 1/(1+R)$ .

This inequality holds for broad classes of consumer goods, leading to a conclusion that violates conventional wisdom: Summary samples are often preferable to static samples.

How can a market research department put these

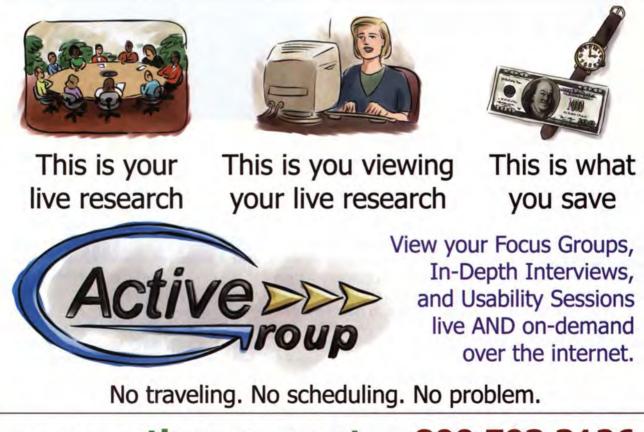
tools to use? The key is the autocorrelation statistic, and sadly, the exact value of this is not known. However, research users should ask vendors to estimate the autocorrelation of buying behavior in the market of interest. Rough estimates can be gained by looking at other studies done on the same or similar product category and the same or similar target market segment. (Salespeople for research vendors won't be accustomed to being asked this question! You will probably have to ask to talk to the vendor's research director.) Plug the estimated autocorrelation into the inequalities presented in this article; you will then be able to decide among independent surveys, static panels, and summary panels — and get the most accurate trend estimates for your budget.

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### The Business of **Research**

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Selecting

By Richard Snyder

Editor's note: Richard Snyder is president/CEO of The Research Spectrum, San Francisco. He can be reached at rsnyder@researchspectrum.com.

n today's fiscal environment, selecting the right research vendor is more critical than ever. Because of the uncertain economy, there is even more pressure to reduce research budgets, as well as internal research staff resources. More and more, non-research professionals, e.g., brand managers and engineers, must select research vendors because there are no, or limited, inhouse research personnel. The result has been an increased dependence on external marketing research vendors. Since this increased reliance on outside vendors is likely to continue, the following guidelines are offered to assist in the selection process:

• Determine your requirements. Prior to contacting potential vendors, it is worth the time and effort to assess your requirements. For example, are you merely looking for a vendor to supply the data collection or do you need a firm that can assist you in designing the project, writing the survey instrument, executing the data collection, analyzing the results and recommending a course of action?

Research firms can usually be classified into three broad categories: field services, consultants, and full-service.

Field services traditionally offer only data collection. They do not assist with study design, questionnaire development, tabulation or analysis. However, if your project does not require assistance with design and/or analysis, field services tend to be the most economical choice.

Consultants usually offer project design and analytical services, but normally have to subcontract the data collection and tabulation portions of the project. Although the cost for a consultant is generally more than a field service, in many cases it is less than a full service firm.

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and analytical services with data collection and tabulation. These firms provide more services and can exert more control over the execution of the project. However, they tend to be somewhat more expensive than field services or consultants.

If there is any doubt at all about your internal resources and capabilities to tabulate and analyze the data to be collected, look for a firm that offers more than data collection. All to often, companies fall into the "do-it-yourself" trap in an attempt to save money, only to find that they are ill-equipped to derive anything meaningful from the data collected.

• Assess the areas of expertise of the potential firms. Some research vendors have a particular area of specialization. There are firms that specialize in advertising or customer satisfaction research, while there are

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others who are devoted to a particular technique (e.g., conjoint analysis or market segmentation) or data collection method (e.g., mall intercepts, mail surveys, Web surveys, etc.).

Beware of firms that are committed to a particular technique and/or data collection method, as they are more likely to "force" your research project into their particular model, rather than tailor the research to fit the specific needs of your project.

• Consider the size of the firms in your decision. The size of the vendor is an extremely important decision criterion. It is important not to overwhelm a small firm with an enormous project, and, conversely, a small project may not get the proper attention at a large firm.

The general rule is to favor the smallest firm consistent with the scope of the project. However, any project that is 30 percent or more of a vendor's annual revenues may be too large for them to handle effectively. It is also important to bear in mind the eventual scope of the project. If there is some likelihood of a small inquiry expanding later on, it may be better to retain a larger vendor.

• Establish, up front, the individual who will be managing your project. You should determine, in advance, who would be responsible for the day-to-day management of your project, i.e., will it be the person who "sold" the project or a project director hundreds of miles away. If your contact becomes unavailable, will competent support staff be available?

• Become acquainted with the backgrounds of the potential vendors. There are some general questions that every potential vendor should be asked to determine the stability of the company and their qualifications to complete the project in a satisfactory manner. These questions would include:

— How long has the vendor been in business?

- For what other companies has the vendor conducted research pro-

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ng, Inc.

jects? Remember it is imperative to request references and check them for each firm.

— What are the academic backgrounds and experience of those persons who will be working on your project, i.e., the project director, field director, data processing manager, etc.? Does the composition of the project team strike the right balance between top-level management and technical researchers and analysts?

— Does the success of the project depend on the capabilities of a subcontractor? If your vendor will be subcontracting any elements of your project, be sure that the subcontractor and their qualifications are identified.

• Review the quality control standards of each potential vendor. The reliability of the results of any research project is dependent on the quality control measures practiced by the vendor. For example, on telephone studies, what are the procedures with respect to callbacks, monitoring and validation? It is prudent to avoid firms who do not practice generally accepted practices in their operations.

• Factor the reputations of the firms into your decision. Reputation is important, but you shouldn't pay a premium for it. However, there may be situations that require the services of a prestigious research firm because you plan to publicize the results, or use them as selling "ammunition," so having the best reputation available may actually be a good investment.

• Avoid letting price be the sole determining factor in your selection. When reviewing proposals, price should be the last item to be considered.

The margin for error in selecting research vendors has never been tighter, while the need to rely outside vendors is at an all-time high. Following the above guidelines can reduce the decision-making risk and thereby maximize the value of your research efforts.



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### **Research Industry News**

continued from p. 14

for approximately EUR 30 million. Eurazeo and Société Générale will contribute their pro-rata share.

The merger will be carried out transparently and will have no impact on the Ipsos financial statements. The number of shares of Ipsos S.A. stock under flotation will remain unchanged. Upon the merger completion, Lech and Truchot will hold approximately 21 percent of Ipsos shares and 28 percent of the voting rights. The other managers and the employees (including the recently created Ipsos Partnership Fund) will hold approximately 13 percent of the capital and 12 percent of the voting rights. Eurazeo and Société Générale, the two Ipsos historical financial shareholders, will own 7 percent respectively, close to 5 percent of Ipsos capital, and 9 percent respectively 6.5 percent of the voting rights. The free float will be approximately 50 percent.

### Acquisitions

Paris-based **Ipsos** has acquired two Swedish research companies: **Eureka Marknadsfakta** and **Intervjubolaget.** These acquisitions add to the company's position in the Scandinavian market, where Ipsos has been represented by Ipsos-Imri since the beginning of the year.

Separately, Ipsos has acquired a significant equity in Japanese market research company, Lyncs

Incorporated, and Chinese market research company, Feng & Associates Marketing Services (FAMS).

London-based **Millward Brown** has acquired Paris-based **MFR**, a qualitative research consultancy founded in 1986 by Marie-Francoise Roy. It currently employs 12 consultants. Annual revenues in 2001 were over \$5 million.

Separately, Millward Brown Group has acquired the remaining equity of media research firm SMG/KRC Poland, Media.

Portland, Ore.-based **Research Data Design, Inc.** (RDD) has acquired a telephone interviewing and multilingual focus group field facility in Santa Ana, Calif., from **Cheskin**, a Redwood Shores, Calif., research firm. The purchase increases RDD's interviewing capacity by 20 percent. The facility will operate under the RDD name.

London-based Aegis Research has acquired INNER Strategic Research S.A., a Madrid-based fullservice market research agency.

### Alliances/strategic partnerships

**Research For Action**, Saratoga, Calif., has become a QualPartner with **QualTalk**, a Castle Rock, Colo., provider of online qualitative research services.

Richard Kurtz, managing director

of Richard Kurtz & Associates, a New York research firm has established a relationship with ifm Indepth Research + Strategies, a research consultancy based in Cologne, Germany. Ifm is an institute for qualitative market research using descriptive depth-psychology methodology. The affiliation's objective is to offer each firm's clients a wider coverage of research services in both the European and North American markets.

### Association/organization news

The Association of European Market Research Institutes (AEMRI) has changed its name to the Alliance of International Market Research Institutes (AIMRI), reflecting its broader international membership and the increasingly global nature of the research industry.

Fredrik Nauckhoff, head of market intelligence and consumer insight at Nestlé, Switzerland, has been elected the new president of **ESOMAR** (The European Society for Opinion and Marketing Research) for the 2003-2004 period. In addition, José Ignacio Wert, chairman and CEO of Spain-based Demoscopia, has been named ESOMAR's new vice president.

The proceedings from the Council for Marketing and Opinion Research's "Protecting Our Assets" Respondent



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Cooperation Workshop are now available. In April 2002, CMOR hosted a forum for researchers to address the most common respondent-related issues facing the industry. The program showcased techniques other organizations have tried to improve respondent cooperation and new tools. The agenda included: industry trends and statistics; information on survey rates and telephone dispositions; data on consumer behavior/attitudes, and CMOR study findings: research findings; presentations from study tests and research conducted to increase cooperation, and the level of success of each approach. To obtain the best practices and insights put forth during the workshop for a nominal fee, contact CMOR at 513-985-0001 or info@cmor.org.

In addition, CMOR has also announced a second workshop, "Protecting Our Assets II," to be held February 3-4 at the Radisson Parkway Resort in Orlando, Fla. The goals of the workshop are to provide attendees with information and practices they can implement in their own organizations to increase respondent cooperation rates, to improve awareness of industry efforts to improve relations with the public and to create solutions to safeguard the research industry's important asset — the respondent. Society (MRS) has announced the launch of its first Internet-based training course. Developed in partnership with specialist electronic publisher Nelson Croom, The MRS Questionnaire Design course will be delivered entirely online and is designed to improve the professionalism and skills of research practitioners, both in the U.K. and internationally. The course is aimed at those with up to 12 months experience in market research. Accessible through the MRS Web site (www.mrs.org.uk), the course has a practical focus, with registrants conducting the course entirely online. Designed to provide a thorough grounding in the theory of questionnaire writing, the course includes a range of modules, taking participants from writing the questionnaire to analyzing the results. It will also cover crucial pitfalls such as how to avoid bias and ambiguity.

The Qualitative Research Consultants Association (QRCA) has announced its new officers for the 2002-2003 year. Ricardo Lopez, president of Hispanic Research Inc., East Brunswick, N.J., has been elected president. Dorrie Paynter, president of Leapfrog Marketing Research, San Francisco, has been re-elected vice president. Elaine Gingold, owner of Gingold Research, Bethesda, Md., has been re-elected treasurer. Gillian Tuffin,

Britain's Market Research

president of Gillian Tuffin Research, Toronto, has been re-elected secretary. Other members of the board of directors are Elizabeth Berry (Strategic Focus Consulting, Summerville, S.C.), Diane Harris (D.M. Harris Associates, Butler, Pa.), George Sloan (Sloan Research and Consulting, Beverly Hills, Calif.), Susan Sweet (Doyle Research Associates, Chicago), and Jeff Walkowski (QualCore.com Inc., Minneapolis).

### Awards

San Francisco-based Socratic Technologies was selected a winner in the Web-based Services category of the Windows & .NET Magazine Readers' Choice Awards. The award, which was given to Socratic Technologies' remote Web site usability measurement system Socratic Site Diagnostic (SSD), was announced on September 15 at the publication's headquarters in Loveland, Colo. The award recognizes Socratic's Web site analysis system as one of the "Top 100 Products" of 2002.

### New companies/new locations

Denver-based Wimmer-Hudson Research & Development has changed its name to Hudson Media Research.

### **Company earnings reports**

Wilton, Conn., research firm Greenfield Online announced that it has quintupled its profits and increased its online data collection revenues 1,150 percent over the past three years. Selling its custom research business this past February, which accounted for more than 60 percent of its revenues, the company decided to instead focus on its online respondent panel, survey hosting, and programming to the marketing research industry. Sales grew to \$4.5 million in 2001, and the company anticipates \$15 million by the end of 2002 and over \$25 million in 2003.



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### continued from p. 18

ence to smaller regions. The weights are derived by taking the ratio of the "target" proportion of a region and dividing it by its relative proportion in the sample.

For example, the weight for a

Avg HH Income

From Earnings

\$53,800

\$46,500

\$41,200

\$59,500

Table 2

Region 1

Region 2

Region 3

Region 4

of total population from above table). An example of weighting the four regions together at an aggregate level is as follows:

The four-region average HH income is \$50,250 (calculated by taking a simple average of the four region incomes). To allow the four regions to have influence based on

Weight

0.3647

0.1948

0.1287

0.3118

**Region Contribution** 

to Average (Weighted)

\$19,621

\$9.058

\$5,302

\$18 552

does not change. For example, weighting will not change the fact that 30 percent of respondents in Region #1 say they use Product Y. However, weighting will change the distribution of responses (the percent of all respondents that use Product Y) for the grand total across the regions.

Four-Region

Average

(Weighted)

\$52.533

Aligning a subsample to total sample

In another example. weighting is applied using a relevant variable

respondent from Region #1 is calculated as 36.47/25 = 1.459. The weights in this manner are calculated and applied to each individual respondent so that one person in Region #1 is now counted as 1.459 persons; one person in Region #2 is counted as 0.779 persons, and so forth.

Many times only aggregate results are available so weighting on an individual respondent level cannot be conducted. In

case the this weig be usin region sizes (%

Table 3 # of Total %					
	Contacts	Co			
Those Aware	1800	(			
Those Not Aware	1200	4			
Total	3000	1			

Four-Region

Average

(Unweighted)

\$50.250

population we take each regions relative proportion and multiply it by its average HH income. The sum of these four values produces the new, weighted average (\$52,533), as shown in Table 2.

Either weighting methodology (in aggregate or by individual respondent) alters the distribution of responses in total (i.e., across the four regions), but the distribution of responses in any particular region

collected within a survey. Awareness of a product was collected during the screening portion of a study; respondents were then terminated or allowed to continue based on other screening questions. After the study was completed, weighting was performed to bring the awareness level of the completed surveys in line with the awareness level derived from the total persons contacted for the study.

By making those respondents

s case the								
ighting could		# of Total Contacts	% of Total Contacts	# of Total Completes	% of Total Completes	Weight		
performed	Those Aware	1800	60.0	750	75.0	0.800		
ng the relative	Those Not Aware	1200	40.0	250	25.0	1.600		
ion sizes (%	Total	3000	100.0	1000	100.0			

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aware of the product worth 0.800 and respondents not aware worth 1.600, the total completed interviews are brought in line with the total contacts in terms of product awareness represented a weighted average based on contact awareness (Table 3).

### Population relative strata size is unknown

Another example of weighting data can be applied when a study collects responses using specific stratum quotas but their relative size in the population is not known. For example, a study for a new drug entailed interviewing patients with a specific condition. Quotas are set for each of four groups and respondents are randomly drawn from a common sample source. Questions are asked to classify patients into one of the four groups



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based on the patient's attitude toward their treatment experience. Interviewing a group is closed when its quota is reached (in this case n=50 for each group). For this study the question becomes, after all quota groups have been filled, how can we combine the four groups to obtain a look at patients as a whole when we do not know their relative stratum size in the population?

Before a quota group had been filled, we were accepting all completed interviews, regardless of which subgroup a patient belonged to (in other words, we did not reject a potential respondent because of which group they would fall in). However, after a quota group is full, we reject respondents that qualify for a completed group and only search for respondents to fill the remaining three group quotas. Therefore, before the first quota group is full, we are essentially taking a representative sample.

We can obtain a measure of the relative size of the four patient groups in the population by looking at the relative percentage of the completed group interviews at the point when the first group meets its quota (see Table 4 where Patient Group #2 has reached their quota before the others). Another option, if information is retained for all persons contacted, is to look at the distribution across the four groups after all groups meet quota, thus allowing a larger and potentially more stable number of cases on which to base the weighting.

ine the effect of weighting is by calculating the change of the base used in making statistical inferences (known as the "effective base"). The purpose of using the effective base when performing statistical calculations with weighted data is to reduce the likelihood of significant results simply because the weighting has made potentially large changes to the data.

The effective base is calculated using the following formula where n, is the number of interviews in strata i, k, is the weight applied to strata i, and h is the total number of stratum.

Effective base =

 $\frac{\left(\sum_{i=1}^{h} n_i k_i\right)^2}{\sum_{i=1}^{h} n_i k_i^2}$ 

The effective base decreases as the relative difference of the weights applied increases. This produces a loss of efficiency compared to proportionate sampling.

Let's look at a simple example. A random sample of 100 respondents was drawn, and we receive 50 percent

	Completes When One Quota Met	% of Total Interviews	# of Total Completes*	% of Total Completes	Weight
Patient Group #1	35	26.9	50	25.0	1.076
Patient Group #2 (reaches quota first)	50	38.5	50	25.0	1.540
Patient Group #3	17	13.1	50	25.0	0.524
Patient Group #4	28	21.5	50	25.0	0.860
Total	130	100%	200	100%	a second second

females. However, to better fit population statistics, the sample should be more heavily female, so weighting is applied to achieve a 25/75

males and 50 percent

\*After all quota groups have been filled.

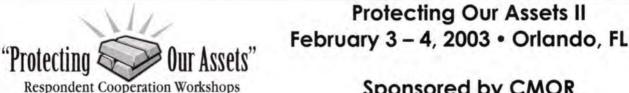
Applying the weights as calculated and combining the four patient groups can be a reasonable approach to looking at the data in total, absent other population information. However, it should be noted that weighting in this manner can be risky, given sampling error and therefore, should be used with caution.

### Weighting and effective base

While weighting is an effective tool, the analyst pays a price if they decide to weight data. One way to exammale/female split. The weight factors would be .50 for males and 1.50 for females. The calculations for the effective base is as follows:

((50 x .50) + (50 x 1.50)) <sup>2</sup>		10000	Ċ.	80 (effective base)
(50 x .50 <sup>2</sup> ) + (50 x 1.50 <sup>2</sup> )	•	125	-	on (enertive pase)

Therefore, the result of the weighting plan "effectively" reduces the sample from 100 to 80 respondents (a 20 percent reduction). Given this, the effective base is one



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good criterion for evaluating your weighting plan. As a rule of thumb, the greater the magnitude of the weights, the greater the penalty incurred.

Another point of examination is that the penalty of post-stratification as opposed to stratified random sampling can be reflected by an increase in variance. A formula in William Cochran's, *Sampling Techniques*<sup>1</sup>, showing the estimated variance of a mean after post-stratification is as follows.

Estimated post-stratified mean variance =

$$\left(\frac{1-f}{n}\right)_{i=1}^{h} w_{i} s_{i}^{2} + \frac{1}{n^{2}} \sum_{i=1}^{h} (1-w_{i}) s_{i}^{2}$$

Where  $W_i = N_i/N$  (N<sub>i</sub>=population stratum size and N=total across all stratum)

The first portion of the formula is similar to the variance formula below used under stratified random sampling (incorporating a finite population correction).

$$\sum_{i=1}^{k} w_i^2 (1 - f_i) \frac{s_i^2}{n_i}$$

The second portion of the post-stratification variance

formula is greater than or equal to zero and represents the "penalty" paid in terms of the increase in the variance. However, this increase could be small for large  $n_i$  sizes.

### Useful and necessary

Weighting is a useful and many times necessary tool. Many common statistical packages like SPSS and SAS offer weighting options that are easy to apply to data. However, use of this convenience should be tempered with experience and knowledge of any potential risks. For statistical testing, there may a penalty for using that may or may not be accounted for in the analysis in terms of an increase in variance.

In addition, weighting plans used to adjust the sample on a single variable will have much less potential to change results than a complex multi-variable weighting plan. Such severe weighting can alter data in ways that may be invisible to the researcher and may even change the conclusions that are drawn. Therefore, one should always balance the need to weight data with the knowledge of the potential effects.

### References

<sup>1</sup>Cochran, William, *Sampling Techniques*, John Wiley and Sons, 1977, p. 135.

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### **Survey Monitor**

continued from p. 8

where alcohol is part of everyday life, the presence of children in the household does not affect beer-drinking or alcohol consumption in general. Children are used to seeing their parents drink and are themselves given small amounts to taste as they get older. Around 70 percent of Italians under 20 years old drink alcohol, compared to some 78 percent of Britain's youth," says Anne Bourgeois, European consumer goods consultant.

Over 64 percent of the British are wine drinkers. This is virtually equal to France, where 65 percent enjoy a glass of wine. Just under half of Americans are wine consumers. Of the 89 percent of British adults who drink alcohol, wine is drunk by 73 percent of them. In terms of the amount of wine drunk per drinker, the British are still the lightest users, with French wine drinkers consuming the greatest number of glasses. Nevertheless, the French are drinking less wine than ever and their drinking habits have changed. From a rate of 120 liters per adult per annum in the 1960s, consumption slid to an estimated 55 liters in 2001. Changing eating habits and lifestyles have led the French to broaden the range of beverages they drink. "This shift in consumption trends and lifestyles in France is reflected in the growth of the soft drinks and bottled water markets. Expenditure in these markets has developed more swiftly than for wine," says Bourgeois.

With the exception of the U.S. and their love of dark spirits (at just about half of respondents), the British show the greatest tendency towards drinking any spirit. The proportion of adults drinking white spirits in the U.K. (43 percent) is higher than France (22 percent) and Spain (15 percent) combined and one-quarter of Americans. The Spanish (15 percent) and Germans (13 percent) are the least likely to favor this drink option (the figure for France does not include the



popular anise aperitif which is drunk by some 38 percent of French). Across Western Europe, the French are the most likely to opt for dark spirits, in particular whiskey (37 percent), this is followed by the British at 33 percent. Looking at white spirits, the proportion of U.K. adults drinking these in the U.K. (42.4 percent) is higher than the U.S. (25 percent), France (21.9 percent), Spain (14.9 percent) and Germany (13.3 percent). For more information visit www.mintel.com.

### International study finds wide differences in online usage by businesses

Nearly nine out of 10 companies in the U.S. (93 percent) and the U.K. (86 percent) are now using the Internet for activities such as CRM, marketing, order fulfillment, and sales, according to research by Taylor Nelson Sofres Information Technology, Horsham, Pa.

In contrast, 60 percent of organizations in Japan and fewer than four out of 10 (36 percent) organizations in France are using the Internet as a marketing channel or customer service mechanism.

Similar results are found for Internet usage across key internal business functions such as employee schedule management, knowledge management, supply chain management and training, with companies in Denmark, France, Japan and Singapore reporting fewer internal uses of Internet applications than their U.K. and U.S. counterparts.

Overall, U.S. and U.K. companies claim to use an average of five different Internet applications out of the 10 for which they were surveyed — CRM, e-mail, employee schedule management, knowledge management, marketing, order fulfillment, selling, supply chain management, training and wireless access to the Internet. In comparison, the average is between two and three different applications in the other countries surveyed.

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101. Practical Marketing	202. Focus Group	502. Product & Service Research	602. Tools and Techniques
Research	Moderator Training	ChicagoAug 5-6	of Data Analysis
DenverApr 22-24	Cincinnati May 7-10	2 M 1 T 1 T 1	DenverMay 7-10
CincinnatiMay 29-31	CincinnatiJune 18-21	504. Advertising Research	AtlantaJuly 23-26
Los AngelesJuly 8-10	CincinnatiAug 27-30	ChicagoAug 7-8	ChicagoSept 24-27
New YorkAug 12-14	CincinnatiOct 15-18	VENEL F STATE	Las VegasNov 12-15
AtlantaSept 23-25	CincinnatiDec 10-13	505. Market Segmentation	
ChicagoOct 28-30	Contraction of the second	Research	603. Practical Multivariate
BostonDec 2-4	203. Specialized Moderator	ChicagoJune 4-5	Analysis
	Skills for Qualitative	Los AngelesSept 30-Oct 1	DenverMay 13-16
104. Designing Effective	Research Applications		AtlantaJuly 29-Aug 1
Questionnaires:	CincinnatiJune 24-27	506. Customer Satisfaction	ChicagoSept 30-Oct 3
A Step by Step Workshop	CincinnatiNov 12-15	Research	Las VegasDec 3-6
AtlantaApril 2-4	the second s	ChicagoSept 10-11	and the second second
DenverJune 4-6	205. Qualitative Research	NAME AND ADDRESS OF AD	604. Translating Data Into
ChicagoAug 20-22	with Children	507. Analysis and	Actionable Information:
CincinnatiNov 5-7	ChicagoApril 16	Interpretation of	A Hands-on PC
	The second second second second	Customer Satisfaction Data	Based Workshop
106. Fundamentals of Internet	301. Writing and Presenting Actionable	ChicagoSept 12-13	CincinnatiOct 8-10
Marketing Research	Marketing Research Reports		La Contraction Inter
Methods and Applications	ChicagoApril 17-19	508. Positioning Research	605. Practical Conjoint
New York May 6-7	Los AngelesJuly 17-19	ChicagoJune 6	Analysis and Discrete
AtlantaAug 6-7	CincinnatiOct 30-Nov 1	Los AngelesOct 2	Choice Modeling
ChicagoOct 31-Nov 1	and the second se	A REAL PROPERTY OF SET IN	New YorkApr 3-4
	401. Managing Marketing	509. Pricing Research	Chicago Oct 15-16
201. Getting the Most Out of	Research to Enhance	ChicagoJune 7	
Traditional & Online	Accountability and ROI	Los AngelesOct 3	701. Conducting Research in
Qualitative Research	Los AngelesJuly 15-16		International Markets
Denver April 25-26	ALL STREET, ST	601. Data Analysis for	New York
New YorkAug 15-16	501. Applications of	Marketing Research:	ChicagoSept 18-19
	Marketing Research	The Fundamentals	
	Los AngelesJuly 11-12	ChicagoApr 15-16	801. How to Use Marketing
	AtlantaSept 26-27	Los AngelesJuly 15-16	Information for Better Decision Making
	BostonDec 5-6	CincinnatiOct 28-29	New York May 21-22
	and the second second second		ChicagoSept 5-6
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These findings suggest that the U.S. and U.K. have developed a more comprehensive use of the Internet for a wider range of applications by investing more heavily in e-solutions in recent years. In contrast, companies in countries like Japan and France have typically focused on more traditional methods of marketing and selling products and have been slower to adopt wider Internet applications beyond e-mail.

While companies within the U.S. and U.K. markets are likely to have invested more in e-solutions in recent years than their Japanese and French

counterparts, the research indicates that around two thirds of companies in both the U.S. (63 percent) and U.K. (66 percent) intended to decrease their Internet-related expenditure over the next year. In contrast, similar proportions in France (56 percent) and Japan (61 percent) expected to increase Internet-related expenditure over the same period of time. This could be explained by the fact that markets such as the U.S. and U.K. have already made significant levels of investment in e-solutions and are now starting to realize the benefits of this investment, which is not the case in other markets.

"Our findings show that some markets have clearly been much faster than others in realizing the potential of the Internet for business applications other than e-mail," says Chandra S. Chaterji, senior vice president, Taylor Nelson Sofres Information Technology. "In many ways this is a reflection of the cultural differences towards doing business in different countries. In Japan, and to some extent in France too, face-to-face contact continues to be extremely important and the more impersonal approach of an online transaction may still not be considered a satisfactory way of conducting business."

This study was undertaken using online interviews conducted with 555 IT decision makers in six countries (Denmark, France, Japan, Singapore, U.K. and U.S.). For more information visit www.tnsofres.com.

### Are Americans working less?

Each year, The Harris Poll asks people how much time they spend working, including at school and keeping house, how much time they have for leisure and what their favorite pastimes are. In most years, the numbers do not change very much. This year's survey, however, shows a sharp drop in the average number of hours spent working (including housekeeping, studying and commuting). Interestingly, this is the only time since Harris Interactive first asked this question almost 30 years ago that the number of working hours has dropped significantly.

From 1973 to 1980, the number of hours spent working, as broadly defined, rose from 41 to 47 hours. It then rose slowly to 51 hours in 1994, dropped back to 50 in 1998 and had remained unchanged through 2001. This year the median number of hours worked has fallen sharply to 47. "This surely reflects the weakening of the economy and the end of the boom years of the 1990s which saw a record number of hours worked," says Humphrey Taylor, chairman of The Harris Poll, Harris Interactive.

While the number of hours spent working has dropped, there has been no change in people's estimates of how many leisure hours they have available for relaxation, watching television, taking part in sports or hobbies, and so on. The median estimate of 20 hours this year is the same as it has been every year since 1999. Indeed, it has not been higher than 20 or lower than 19 since 1989.

Reading, watching TV, spending time with the family, fishing and gardening are America's most popular pastimes. When this nationwide cross section of American adults was asked to name their two or three favorite leisure time activities, the largest number mentioned reading (26 percent) and watching television (15 percent). These two activities have topped the list every year Harris has asked this question, although the numbers have fluctuated a bit. Indeed, it is striking that those who say that watching television is one of their favorite activities has fallen from 23 percent in 2000 to 20 percent last year and is now down sharply to 15 percent.

Most of the other numbers in reply to this question have not changed greatly. However, the rank order has changed a little, with team sports moving up on the list (from 5 percent to 7 percent) while swimming (from 8 percent to 5 percent), computer activities (from 7 percent to 4 percent) and walking (from 6 percent to 4 percent) have all slipped a little. For more information visit www.harrisinteractive.com.

### Europe – oases of affluence and pockets of poverty

A survey by Germany-based research firm GfK-Regionalforschung (regional research) found that Switzerland is an oasis of affluence: seven out of eight of the richest European regions are in the Swiss Confederation. Geneva leads the way with disposable income per capita of around EUR 36,000 per year. The inhabitants of Eastern Europe, on the

other hand, have to live far more modestly, the countries with the least disposable income being Albania (EUR 563), the Ukraine 379) (EUR and Moldavia (EUR 223). In a country-by-country comparison of income in euro, the Swiss edged ahead in 2001 with an average of EUR 25,603 per inhabitant, while the Luxembourgers had just under EUR 25,000 per capita and the Norwegians approximately EUR 19,000. The Swiss have their strong currency to thank for this result. At No. 6 in the ranking is the U.K. which, with EUR 16,451, has overtaken Germany for the first time in a long while (Germany: EUR 16,171 per capita). This development is also attributable to the strong pound compared with the euro during the survey period. As in previous years, it is noticeable that while the list of affluent countries is headed exclusively by EU states and countries in Central and Northern Europe, the last 20 places are occupied by countries in Southern and especially Eastern Europe. However, there are also significant differences between these countries. With income per capita of EUR 6,436. Slovenia has slid below Portugal, the poorest EU country with an average annual income of EUR 7,466 per capita. In Moldavia, Europe's poorest region, people have an average of EUR 223 at their disposal, less than 1 percent of the purchasing power of their Swiss counterparts. In order to take account of the price discrepancies in individual countries, these should be compared on the basis of purchasing power parities. Since the price level is considerably higher in affluent countries than in countries with lower purchasing power, Luxembourg is actually ahead of Switzerland. Luxembourgers have a 53 percent higher purchasing power than the Germans, while the Swiss are only 28 percent above the German level. Moldavia also comes off worst in a country comparison of parity, but

the gap between this country and the affluent countries is not as wide as that of the comparison of disposable income. The purchasing power of people from Moldavia currently amounts to approximately 5 percent of the purchasing power of people from Luxembourg.

The purchasing power of inhabitants in individual regions within the European countries was measured using the purchasing power index and taking the German average of 100 points as a basis. In Western Europe, Geneva leads the way with a purchasing power index of 180.4, while Paris follows with 159 points. The Hochtaunus district north of Frankfurt is ranked seventh with 139.8 points, closely followed by Bologna, Italy with an index of 138.5. In a separate comparison of the 300 areas in Eastern Europe, four regions in Western Slovenia come out on top with an index of between 69.9 and 76.4. With 67.9 points, Prague is in fifth place. Compared with the areas of affluence in Western Europe, the richest regions in Eastern Europe still have considerable ground to make up, as they only have around half of the purchasing power of areas in Western Europe. There is substantial regional variation within the 38 European countries. A survey of the purchasing power in the 103 Italian provinces confirmed a marked North-South discrepancy. Whereas some of the regions in Northern Italy are among the wealthiest areas in Europe, the purchasing power south of Rome in what is known as the Mezzogiorno drops significantly. The purchasing power in the Northern provinces of Milan, Parma, Modena and Bologna is around 30 percent above the average for Italy as a whole, while in some of the Southern regions it is 40 percent below the Italian average.

The findings are taken from the "GfK Eastern Europe Basic Market Data 2001" survey and the "Europe Basic Market Data 2001" survey of 1,500 regions in 38 European countries. For more information visit www.gfk.com.



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### **CNH** Global

### continued from p. 21

marketing research design that would be effective in their respective countries. To reach this agreement, careful attention was paid to differences among countries with respect to language, loader backhoe usage, cultural variations, psychological differences related to using rating scales, and numerous other nuances that could

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potentially affect the outcome of marketing research.

### **Grueling field tests**

The first step was qualitative research, but traditional interviews or focus groups would not suffice. Because of the major financial investment resting on the results of this research, we did not want comments about brands which were based on an operator's memory alone or on perceptions that may have been formed without any hands-on experience with each of the brands. Since a loader backhoe can cost at much as \$100,000 it is unlikely that operators would have owned, or even operated, all the leading brands of loader backhoes. For this reason, operators could not realistically compare the brands in consumerstyle interviews or focus groups.

Qualitative research was needed which obtained the same type of information as consumer-style focus groups or in-home product tests, but which also addressed the problem of operators not having experience with each brand. We chose field tests with each of five leading brands as the best way to level the playing field for brand experience. And we made the field tests grueling so that any real performance differences could be detected by operators.

The field tests were a week of 12hour days in a remote location. Up at first light each day, operators tested all five leading brands in common but demanding loader backhoe jobs, such as digging trenches and backfilling, lifting 2,000-pound weights, maneuvering in tight spaces, and loading a dump truck with soil.

Operators were carefully recruited from all over the U.S. to provide a balance of: brands of loader backhoes owned, geographical location, small and large companies, range of ages, and varied primary use of the loader backhoe. The purpose of this was to give no brand an advantage in the field tests. And the field tests were conducted by Chicago-based Strategic Business Research, which implemented a large number of security precautions so that no operator could determine the sponsoring company. Operators put each loader backhoe brand through the field test for a long enough period of time to effectively evaluate the actual operating performance of each brand. Following each test, operators rated the brand on an extensive list of performance attributes, and then took notes on the reasons for their ratings. Operators used their notes later in the day during in-depth discussions led by a moderator from Strategic Business Research.

During these talks, operators detailed the reasoning behind each brand's ratings. Strategic Business Research further explored additional areas that were experienced but not part of any field test such as: cab and seat comfort, loader backhoe lighting on the job area, gauges, dealer service, and reasons for brand selected in the most recently purchased loader backhoe.

### Scale surprises

The field tests also were used to customize and pre-test scales for later use in the quantitative stage of the marketing research. The intent was to develop scales that reflect the way operators think about loader backhoe performance. Researchers who routinely use symmetrical 7- or 9-point scales in their research may be surprised by our findings.

Operators clearly discerned four levels of satisfaction with loader backhoe performance attributes. They did not discern four levels of dissatisfaction. So the symmetrical satisfaction scale commonly used in marketing research was inappropriate for subsequent quantitative research.

We also found that use of the word extremely, as in "extremely satisfied," was inappropriate. While operators frequently said that more than one brand would be very effective for their job needs, they did not perceive anything "extremely" and never used a scale point with that adjective. So if we had presented a 7-point scale with the anchor points "extremely satisfied" and "extremely dissatisfied," as is common in marketing research, we really would have been presenting a 5point scale from the operator's perspective. I want to see how Walker Information has helped other companies.

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We eventually determined that the scale which most effectively reflects the way operators think about their loader backhoes has four levels of satisfaction, a neutral point, and one level of dissatisfaction — a 6-point asymmetrical scale. (Subsequently, we learned that this applies to other construction equipment also.)

A larger scale would have introduced "noise" into the responses. Similarly, insisting that there be an equal number of levels of both satisfaction and dissatisfaction points would have clouded over subtle differences in operator responses.

### Worldwide brand comparisons

Following the field tests and indepth discussions, quantitative surveys were developed for the countries with the highest-volume loader backhoe markets. A number of procedural safeguards were used to assure dependable data in each country.

Three translators were used in each country to assure the questionnaire was effectively worded, meant the same thing in each country, and reflected the way operators actually talk about equipment. Researchers who use one translator when doing international research might be surprised to learn how long and difficult it is to get three bilingual people to agree on translations of simple questions and scales.

Both CNH Global and Strategic Business Research personally participated in the instruction sessions for the international interviewers. Although we are not bilingual ourselves, it was very clear from observing interviews and from interviewer feedback that taking an active role in the instruction sessions resulted in better-informed interviewers and higher-quality interviews. And we gained a stronger appreciation of the cultural and linguistic differences among countries that can impact responses to seemingly simple questions.

Of course, we pre-tested the questionnaires in each language. More importantly we statistically examined the distribution of responses to questions in each country. That the distributions (but not necessarily the scale results) were similar reinforced our confidence that the translated questionnaires were working effectively.

### **Global implications**

The results are having a huge impact on advancing the engineering design of CNH loader backhoes. This was expected. Operators indicated clear differences in performance among the five brands. These findings are being used not only to better differentiate CNH brands from com-



petitors but also to differentiate among the CNH brands.

Not expected, however, was the finding that non-performance attributes play a much bigger role in brand selection than was widely believed. There was a time when the loader backhoe brand with the best engineering and job performance would garner brand share. The market is more complicated and operators are more demanding now. In many ways operators now mirror the demanding purchasing behaviors of consumer product customers.

Today's loader backhoe market has evolved to the point where operators now expect excellent engineering and high performance from all brands. They then make purchase decisions in part on non-engineering factors such as after-purchase service, loyalty to a dealer, convenience features like easy-to-use controls, and in some countries, in response to aggressive marketing campaigns.

As the loader backhoe market has taken on some of the dynamics of a consumer product, many more teams within CNH Global beyond engineering have been impacted by the research results. Marketing and sales, after-purchase parts support and service, financing and credit, strategic planning, marketing research, and other areas are digesting results and planning for the future. Increases in market share will result from integrated product development programs involving all these areas of CNH Global in many varied countries.

The other broad implication of this research to CNH Global is for planning future marketing research. Immense benefit was gained from designing research that fit the way operators think — customized scale questions, use of three translators to capture language nuances, field tests conducted by someone outside of CNH Global, etc. Using standard offthe-shelf questions and procedures would not have revealed the subtleties and richness of detail in this market. One size clearly does not fit all when unearthing construction equipment advancements through marketing research.

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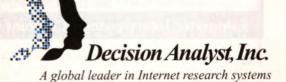
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### **Product & Service Update**

continued from p. 12

received, and net price paid per unit purchased. All data received was weighted and projected for the entire U.S. as well as for high corn acreage states. For more information contact Dave Tugend at 216-491-9515, ext. 211.

### Asia panel from TNS and Intage

Tokyo-based research firm Intage Inc. and London-based Taylor Nelson Sofres (TNS) Plc. have launched the Asiapanel 2001 Annual Report, a panregional continuous consumer panel offering. The report will enable companies to benchmark household and grocery purchasing across eight of Asia's economies — Japan, Korea, China, Hong Kong, Taiwan, Thailand, Malaysia and the Philippines. The Asiapanel 2001 Annual Report provides a multi-comparative annual report of the markets, broken down into five sectors (beverages, packaged groceries, dairy products, household products, personal care), 65 product categories, 11 measures (including value, penetration, etc.) in both annual and quarterly format, as well as demographics and channel breakdowns. Both companies are working closely to offer custom consumer panel data services that allow clients to drill down to manufacturer- and brandlevel data and understand consumer habits through various special analysis. For more information visit www.asiapanel.com/annualreport.

### Book offers Web site design guidance

Design of Sites - Patterns, principles, and processes for crafting a customer-centered Web experience, a new book by Douglas van Duyne, James Landay, and Jason Hong, is now available from Addison-Wesley. Based on investigation and analysis of more than

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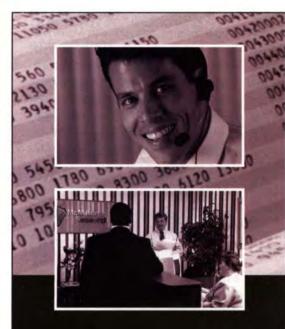
### Decision Analyst beefs up its panels

Arlington, Texas-based Decision Analyst Inc. now has 50,000 Spanish-language households participating in its international Internetbased consumer panels in Spain, Mexico, Central America, and South America. Panel membership is highest in Spain with 15,000 households, followed by Mexico with 10,000 households.

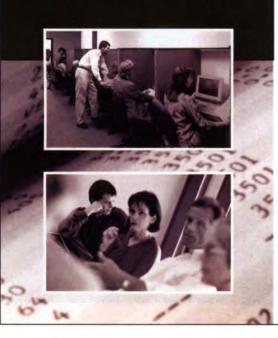
The firm also announced that its Internet-based consumer panels in Europe now number more than 100,000 households. France is the largest panel with 36,000 households, followed by Italy with 20,000 households and Spain with 15,000. The U.K. and German panels include 10,000 households each. For more information contact Cristi Allen 800-262-5974 or visit www.decisionanalyst.com.

# Track survey data over the Web

Indianapolis-based Answers & Insights Market Research is now offering MyDataFast.com, which allows researchers to access their survey data over the Internet as it is fielded. Surveys using phone/CATI, Internet, IVR and mail can be tracked by accessing the data through user accounts on MyDataFast.com. Suppliers can update the system as quickly as every two minutes. Users can track, view and archive quantitative surveys for analysis. For more information call 866-900-0088 or visit www.mydatafast.com.



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### Measure attendee attitudes before and after programs

New York-based brand communication firm Jack Morton Worldwide and NFO WorldGroup have launched E-Metric, a new measurement tool. The Web-based product features a "before and after" survey designed to qualitatively determine the impact of programs and meetings on the attitudes of attendees. E-Metric uses the Web to pose 25 closed-ended questions and three open-ended questions to a defined audience both before and three days after the event. NFO will collect the

Name Creation: Name Testing. For Information Contact: John P. Hoeppner (480) 488-9660 e-mail: namequest@ aol.com www.namequestusa.com P.O. Box 5587 • Carefree, AZ USA 85377 Dame Quest The Stience of Name Creation findings and deliver baseline survey results to the client's project team via email. Jack Morton Worldwide will then use the results to develop and deliver programs for meeting their client's business objectives.

### Briefly...

Minneapolis-based Northstar Interviewing Service is offering a **10 percent discount** on all new projects through the end of the year. For more information call 952-897-3700.

NOP World Health, East Hanover, N.J., has formed a new **Corporate Image and Public Information Management Division** focusing on helping pharmaceutical companies respond to public relations crises and develop integrated communication strategies.

Millward Brown has launched Millward Brown Automotive, a new initiative which will use Kantar's **automotive research capabilities**, includ-



ing those of Goldfarb Consultants, which recently merged with Millward Brown. Automotive marketers will have a single source for research throughout the product life cycle, from strategy, early ideation and new product development, to product launch and in-market performance. For more information visit www.millwardbrown.com.

Herndon, Va.-based WebSurveyor Corporation has released **WebSurveyor 4.0**, a survey tool including features like true multi-page, advanced skip logic, data piping, XML support, improved reporting and exporting features, and multi-language capability. For more information visit www.websurveyor.com.

Maritz Inc., St. Louis, has created Maritz Brand Alignment, a service designed to help companies deliver a **consistent brand management strategy**. Services offered include research and assessment, consultation and facilitation, learning systems, communications and events, measurement and feedback, project management and rewards and recognition programs. For more information visit www.maritz.com.

Minneapolis-based data processing firm Adapt, Inc. has implemented Adapt-Key, a **new data entry technology**, offering flexible outputs (Quantum ASCII, column binary, fixed-field and delimited ASCII file formats), efficient handling of out-oforder columning, on-screen keying masters for data entry operators, and simplified use of look-up tables and logic patterns. For more information call Dave Koch at 888-522-3278 or visit www.adaptdata.com.

Information Resources, Inc., Chicago, is now offering **InfoScan Convenience Store Account Level service**, providing weekly scannerbased sales data and causal (promotional) information for all products and categories sold in convenience stores, including salty snacks, candy, general merchandise, beer, non-alcoholic beverages, and cigarettes. For more information visit www.infores.com.

### **Qualitatively Speaking**

continued from p. 16

If a facility is really uncomfortable recruiting from the general public, it's not a facility I'll be using. Their discomfort shows they've become so fat and happy recruiting from an overused database of professional respondents that the thought of having to leave that comfort zone scares them.

Now, I fully expect higher costs and a slightly longer recruiting time when not using a database, if only due to the fact that initial refusals will be higher when dialing the general public than when dialing into a database. And it's fair to expect the need to over-recruit by an even greater number, because virgin respondents will be more likely to get cold feet at the last minute or decide it's not worth their time and not show up. But the cost-per-recruit shouldn't go from \$75 to \$130 because the database can't be used. It shouldn't take an extra week to recruit two groups. And we shouldn't have to recruit 16 for 10 to show.

Another tip-off is when a facility director will ask something like, "If we don't use our database, what can we possibly use to get names?" Facilities that have never heard of random-digit-dial sample, or that insist the sample quality is so poor that they'll never be able to get the project recruited, also generally will not get my business.

Still another hint there may be trouble afoot comes when the facility will ask us to reduce our past participation screening question from a time frame of 12 months to six months. This, too, suggests an overused database.

Certainly, there are times a database is the best way to go. If we have a ridiculously short period for recruiting, or the incidence is painfully low, a database definitely helps mitigate those problems. Some facilities maintain information on their database that will really help the recruit, such as what vehicle the individual owns or what her profession is.

There are also times when the budget is tight, and the client won't spring for an increased cost of even \$10 per recruit, because it's "unnecessary." (I've found clients too often have the perspective of "I'm not worried where they come from — I just want to hear what they have to say.")

But in a normal-incidence recruit where we have sufficient time, I'll frequently insist on recruiting from the general public to get some fresh voices in the group. I'm tired of sitting down at the table, asking "How many of you have participated in focus groups before?" and having all 10 respondents raise their hands.

And every time that happens, I'm hoping the client behind the mirror is thinking, "Next time, we'll spend a little more to recruit virgin respondents rather than working off that database."

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### Costa Rica

### continued from p. 23

information and the short timeline involved in marketing the Interfin pension program, management and the

research team decided that it was not possible to convert Banco Interfin into a household name and to successfully build trust in the brand among the population as a whole. Instead, it was decided that the best target for the program would be those workers with a banking relationship and earning over the minimum wage.

Informally it was decided that private enterprise workers were preferable, because of their higher wages as com-

pared to those working in government, and, of course, no applicant would be turned down regardless of salary (in fact the law did not permit refusing anyone). For the second wave of research a survey of 400 workers, 18 to 45 years of age and residents of the San Jose metro area, was conducted to determine what could motivate them to select one institution over another to



manage their pensions.

The sample was designed to be upscale and results revealed that, in fact, only 22 percent reported monthly incomes at or around the minimum wage. Half of the sample was surveyed over the telephone, thus ensuring middle-class or better respondents (lower socioeconomic households in Costa Rica generally do not have telephones, although this is now rapidly

changing). The other half of the sample was selected using quotas in demographic segments which had been pre-classified as at least middle-class. In these households, interviews took place face-to-face.

When respondents at this socioeconomic level were asked to name pension program operators, about 7 percent mentioned Banco Interfin top of mind, but 40 percent were able to remember the name of this institution spontaneously.

Nonetheless, two of the government-owned banks enjoyed recall by workers of 72 percent, in the case of the Banco Nacional, and 53 percent in the case of the Banco Popular. When respondents were asked why

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workers would be likely to select a government-owned bank to handle their pension, the majority cited the security that these institutions provide. Under Costa Rican law all deposits in the state-owned banks, regardless of their size, are guaranteed by the government. This is not the case for private banks like Banco Interfin.

Unlike the FDIC in the United States, which places a limit of \$100,000 per depositor, in Costa Rica a client with \$10 million in Banco Nacional has the guarantee of the government for the full amount if the bank were to fail.

When asked what were the most attractive characteristics of the private banks as operators of the pension programs, the largest group of respondents (44 percent) stated that they provided a better quality of service. Quality of service was determined by short lines (state-owned banks were cited by respondents as working at a slow pace), personal service and for not making mistakes on statements, in transactions, and in decisions involving customers.

### **Three-part strategy**

Based on these and other findings, Banco Interfin developed a three-part strategy for attracting clients to the pension program. First, all mass media advertising was to focus on the excellent service a client receives at Banco Interfin, coupled with information about its financial stability. Some of the advertising was testimonial and other focused on specific services provided to clients.

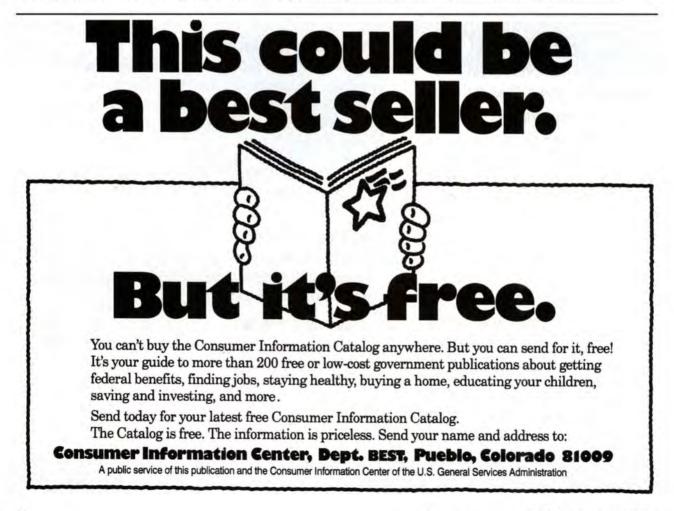
Next, the bank approached its corporate and other private sector clients and asked permission to visit them during working hours, and to make presentations to their employees, both collectively and individually. The premise was that if the corporations were using the bank, they must be satisfied with the service and that a personal contact might make the difference when making a decision.

Finally, a direct mail campaign was developed, based on a variety of databases. (Only Costa Ricans in the middle or upper socioeconomic levels can receive mail; household delivery is virtually non-existent). Personalized letters were sent to workplaces and to post office boxes.

### Largest percentage

Banco Interfin is now an important operator in the national pension program. In fact, it is the private bank which obtained the largest percentage (11 percent) of the total pension market. The funds captured through this program by law cannot be invested outside of Costa Rica and Interfin has now established a special analyticaloperational unit to handle workers' savings.

All of this serves to show that the strategy developed by Interfin was a success and the research program was a major underpinning for all management decisions. Modern thinking based on market research drove the process — the payoff for the bank was satisfactory beyond expectations.



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Consumer Dynamics and Behavioral Analysis, LLC

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BAIGlobal Inc. C.J. Robbins Research C&R Research Services, Inc. Cambridge Associates, Ltd. Cheskin Consumer Dynamics and Behavioral Analysis, LLC ConsumerSpeak Sara Cornwall Qual. Rsch. Svcs. Cultural Insights Services, Inc. Fader & Associates GQG Just The Facts, Inc. Leflein Associates, Inc. Market Navigation, Inc. Marketing Advantage Rsch. Cnslts. Millennium Research, Inc. **Outsmart Marketing** The Research Department Jay L. Roth Associates, Inc. Saurage Research Paul Schneller Qualitative LLC

### NON-PROFIT

Sara Cornwall Qual. Rsch. Svcs. Leflein Associates, Inc.

### OBSERVATIONAL RSCH.

Consumer Dynamics and Behavioral Analysis, LLC Cultural Insights Services, Inc. Primary Insights, Inc.

### **ONLINE FOCUS GROUPS**

C&R Research Services, Inc. Cambridge Associates, Ltd. Insights Marketing Group, Inc. Leichliter Ascts. Mkt. Rsch/Idea Dev. QualCore.com Inc. Saurage Research

### PACKAGED GOODS

BAIGlobal Inc. C.J. Robbins Research C&R Research Services, Inc. Cheskin Consumer Dynamics and Behavioral Analysis, LLC

ConsumerSpeak Cultural Insights Services, Inc. Insights Marketing Group, Inc. Just The Facts, Inc. Jay L. Roth Associates, Inc.

### PACKAGE DESIGN RESEARCH

C&R Research Services, Inc. Consumer Dynamics and Behavioral Analysis, LLC ConsumerSpeak Cultural Insights Services, Inc. Leichliter Ascts. Mkt. Rsch/Idea Dev. The Research Department

### PARENTS

Fader & Associates Market Navigation, Inc.

### PET PRODUCTS

C&R Research Services, Inc. Cambridge Research, Inc. FOCUSED Marketing Research, Inc. Primary Insights, Inc. The Wedewer Group

### PHARMACEUTICALS

BAIGlobal Inc. C.J. Robbins Research C&R Research Services, Inc. Cambridge Associates, Ltd. D/R/S Health Care Consultants Fader & Associates Focus Latino Franklin Communications Leichliter Ascts. Mkt. Rsch/Idea Dev. Market Navigation, Inc. MCC Qualitative Consulting MedProbe™ Inc. Pamela Rogers Research, LLC Paul Schneller Qualitative LLC

### POLITICAL/SOCIAL RESEARCH

Cambridge Associates, Ltd. Cultural Insights Services, Inc. Market Navigation, Inc. Francesca Moscatelli, M.S.

### POSITIONING RESEARCH Outsmart Marketing

Paul Schneller Qualitative LLC

### PUBLIC POLICY RSCH. Cambridge Associates, Ltd.

Leflein Associates, Inc.

PUBLISHING Cambridge Associates, Ltd. Leichliter Ascts. Mkt. Rsch/Idea Dev.

Market Navigation, Inc. Marketing Advantage Rsch. Cnslts. James Spanier Research

### QUALITATIVE END-USER TRAINING

Primary Insights, Inc.

### RETAIL

BAIGlobal Inc. **Design Forum** Knowledge Systems & Research, Inc. Leflein Associates, Inc. Leichliter Ascts. Mkt. Rsch/Idea Dev. MCC Qualitative Consulting

### SENIORS

Burr Research Cultural Insights Services, Inc. Leflein Associates, Inc. Primary Insights, Inc.

### SMALL BUSINESS/ ENTREPRENEURS FOCUSED Marketing Research, Inc.

SOFT DRINKS, BEER, WINE C&R Research Services, Inc.

### Cambridge Associates, Ltd. Jay L. Roth Associates, Inc.

SPORTS FOCUSED Marketing Research, Inc. Pamela Rogers Research, LLC

### STRATEGY DEVELOPMENT

Primary Insights, Inc. Saurage Research Paul Schneller Qualitative LLC

TEACHERS Leflein Associates, Inc. Market Navigation, Inc.

### TEENAGERS

C&R Research Services, Inc. Cultural Insights Services, Inc. Fader & Associates Focus Latino

### TELECOMMUNICATIONS

BAIGlobal Inc. Calo Research Services Daniel Associates GOG Knowledge Systems & Research, Inc. Leichliter Ascts. Mkt. Rsch/Idea Dev. Marketing Advantage Rsch. Cnslts. MCC Qualitative Consulting The Research Department

Jay L. Roth Associates, Inc.

### TELECONFERENCING

Cambridge Research, Inc. Leichliter Ascts. Mkt. Rsch/Idea Dev.

### TELEPHONE FOCUS GROUPS

C&R Research Services, Inc. Cambridge Associates, Ltd. Leichliter Ascts. Mkt. Rsch/Idea Dev. Market Navigation, Inc. MedProbe, Inc. Millennium Research, Inc.

### TOURISM/HOSPITALITY

Leflein Associates, Inc.

### TOYS/GAMES

C&R Research Services, Inc. Fader & Associates

### TRANSPORTATION SERVICES Strategic Focus, Inc.

TRAVEL Cambridge Associates, Ltd. James Spanier Research

### UTILITIES

Cambridge Associates, Ltd. **Competitive Edge** Knowledge Systems & Research, Inc. Jay L. Roth Associates, Inc.

### VETERINARY MEDICINE

FOCUSED Marketing Research, Inc. Paul Schneller Qualitative LLC

### WEALTHY

Leflein Associates, Inc. Leichliter Ascts. Mkt. Rsch/Idea Dev. The Wedewer Group

### YOUTH

C&R Research Services, Inc. Leflein Associates, Inc.



# **2002** Mall Research Facilities **Directory**



This directory was developed by mailing forms to firms that we identified as operating permanent mall interviewing facilities. In addition to each company's vital information, we've included a breakdown of mall customers' income level, the number of interviewing stations available, and a line of codes showing the interviewing facility's features.

### CODES

#### Income

H - est. percentage of mall customers in high-income bracket (+\$60,000) M - middle-income (\$30,000-\$60,000) L -low-income (under \$30,000)

Stations - number of interviewing stations

Facility features

DIRECTORY

FACILITIES

SEARCH

-

85

MALL

002

C - computer-aided stations

K - kitchen facilities

P - private display room O - one-way mirror for viewing of stations

NA - information not available

### Alabama

### Birmingham

#### Graham & Associates, Inc. Century Plaza 7580 Century Plaza, Suite 266

Birmingham, AL 35210 Ph. 205-443-5399 Fax 205-443-5389 E-mail: ceanes@grahammktres.com www.grahammktres.com Shelley McRee, Supervisor Income: H-20% M-50% L-30% Stations: 6 C K P 0

### Gadsden

#### Graham & Associates, Inc. Gadsden Mall 1001 Rainbow Dr. Gadsden, AL 35901 Ph. 205-443-5399 Fax 205-443-5389 E-mail: ceanes@grahammktres.com www.grahammktres.com Cora Wilson, Supervisor Income: H-25% M-50% L-25% Stations: 5 C K

### Huntsville

#### Graham & Associates, Inc.

Madison Square Mall 5901 University Dr., #86 Huntsville, AL 35806 Ph. 205-443-5399 Fax 205-443-5389 E-mail: ceanes@grahammktres.com www.grahammktres.com Loretta Gunn, Supervisor Income: H-50% M-30% L-20% Stations: 5 C K P O

### Mobile

### Graham & Associates, Inc.

3289 Bel Air Mall Mobile, AL 36606 Ph. 334-251-0059 Fax 334-251-0015 E-mail: ceanes@grahammktres.com www.grahammktres.com Martha Bowers, Supervisor Income: H-30% M-35% L-35% Stations: 6 C K P O

### Montgomery

#### Nolan Research

1016A Eastdale Mall Montgomery, AL 36117 Ph. 334-284-4164 Fax 334-286-9788 Deidra Nolan, Partner Income: H-30% M-60% L-10% Stations: 5 C P

### Nolan Research

Montgomery Mall East-South Blvd. Montgomery, AL 36110 Ph. 334-284-4164 Fax 334-286-9788 Deidra Nolan, Partner Income: H-20% M-55% L-25% Stations: 4 C

### Arizona

### Phoenix

### Car-Lene Research, Inc.

Arizona Mills Mall 5000 Arizona Mills Cir., Suite 546 Tempe, AZ 85282 Ph. 480-839-4606 Fax 480-839-4619 E-mail: phoenixt@carleneresearch.com www.carleneresearch.com Kelly Cummings, Manager Income: H-20% M-50% L-30% Stations: 6 C K P 0

### Car-Lene Research, Inc.

Arrowhead Towne Center 7700 W. Arrowhead Towne Center Glendale, AZ 85308 Ph. 623-486-1050 Fax 623-486-2425 E-mail: phoenix@carleneresearch.com www.carleneresearch.com Connie Nipp, Manager Income: H-15% M-55% L-30% Stations: 6 C K P 0

### **Creative Consumer Research**

Fiesta Mall 1445 W. Southern Mesa, AZ 85202 Ph. 480-649-3747 Fax 480-649-3747 E-mail: ccrphoenix@ccrsurveys.com www.ccrsurveys.com Dixie Cobos, Mall Supervisor Income: H-20% M-60% L-20% Stations: 4 C K P 0

### Cunningham Field & Research Service

Metro Center Mall 9617 N. Metro Center Pkwy. W., Suite 1214 Phoenix, AZ 85051 Ph. 386-677-5644 Fax 386-677-5534 E-mail: phom@cunninghamresearch.com www.cunninghamresearch.com Income: H-10% M-70% L-20% Stations: 8 C K P 0

#### Friedman Marketing Services

Consumer Opinion Center Desert Sky Mall 7611-118 W. Thomas Rd. Phoenix, AZ 85075 Ph. 623-849-8080 or 914-698-9591 Fax 623-849-8083 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Terry Wood Income: H-25% M-50% L-25% Stations: 14 C K P O

### Friedman Marketing Services

Consumer Opinion Center Paradise Valley Mall 4550 E. Cactus, #416 Phoenix, AZ 85032 Ph. 602-494-7813 or 914-698-9591 Fax 602-996-7465 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Karen Tews Digilio Income: H-50% M-25% L-25% Stations: 10 C K P O

#### **Friedman Marketing Services**

Phoenix Research Spectrum Mall 1739 W. Bethany Home Rd. Phoenix, AZ 85015 Ph. 602-242-4868 or 914-698-9591 Fax 602-242-4910 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Dawn Mullen Income: H-30% M-50% L-20% Stations: 11 C K P O

#### Quick Test/Heakin

Superstition Springs Center 6555-1004 E. Southern Ave. Mesa, AZ 85206 Ph. 480-985-2866 Fax 480-985-6321 E-mail: info@quicktest.com www.quicktest.com Ali Arastu, Manager Income: H-3% M-37% L-60% Stations: 7 C K P 0

### Tucson

Car-Lene Research, Inc. Tucson Mall 4500 N. Oracle, #341 Tucson, AZ 85705 Ph. 520-292-0966 Fax 520-292-0800 E-mail: tucson@carleneresearch.com www.carleneresearch.com Laura Metelovski, Manager Income: H-24% M-40% L-36% Stations: 8 C K P 0

### Arkansas

### Fort Smith

### C & C Market Research, Inc.

Central Mall 5200 Roger Ave. Fort Smith, AR 72903 Ph. 479-785-5637 Fax 479-785-5645 E-mail: craig@ccmarketresearch.com www.ccmarketresearch.com Craig Cunningham, President Income: H-40% M-50% L-10% Stations: 8 C K P O

### California

### Bakersfield

### **Reyes Research**

East Hills Mall 3000 Mall View Rd., Suite 1021 Bakersfield, CA 93306 Ph. 661-872-4433 Fax 661-872-6692 E-mail: arvind@reyesresearch.com www.reyesresearch.com Michele Reyes Income: H-30% M-40% L-30% Stations: 6 C K P 0

### Fresno

### Bartels Research Corp.

145 Shaw Ave., Bldg. C Clovis, CA 93612 Ph. 559-298-7557 or 800-677-5883 Fax 559-298-5226 E-mail: bartels1@compuserve.com www.bartelsresearch.com Patrick Bartels Income: H-10% M-75% L-15% Stations: 6 C K P 0

### Nichols Research, Inc.

Fashion Fair Mall 557 E. Shaw Ave. Fresno, CA 93710 Ph. 559-226-3100 Fax 559-226-9354 E-mail: fresno@nicholsresearch.com www.nicholsresearch.com Income: H-20% M-70% L-10% Stations: 6 C K P O

### Los Angeles (See also Orange County)

### Adept Research, Inc.

 Sherman Oaks Fashion Square

 14006 Riverside Dr., #235

 Sherman Oaks, CA 91423

 Ph. 818-727-7494

 Fax 818-727-7351

 Iris Gross, Owner

 Income: H-60%
 M-35%

 L-5%

 Stations: 6
 C K

### Car-Lene Research, Inc.

Puente Hills Mall 1600 S. Azusa, Unit 386 City of Industry, CA 91748-1619 Ph. 626-964-4589 Fax 626-964-4809 E-mail: lapuente@carleneresearch.com www.carleneresearch.com Danella Hawkins, Manager Income: H-20% M-50% L-30% Stations: 6 C K P 0

### **Consumer Pulse of Los Angeles**

Galleria at South Bay, #269 1815 Hawthorne Blvd. Redondo Beach, CA 90278 Ph. 310-371-5578 or 800-336-0159 Fax 310-542-2669 E-mail: losangeles@consumerpulse.com www.consumerpulse.com Angie Abell, Director Income: H-25% M-50% L-25% Stations: 9 C K P 0

### Cunningham Field & Research Service

Northridge Fashion Center 9301 Tampa Ave., Suite 169A Northridge, CA 91324 Ph. 386-677-5644 Fax 386-677-5534 E-mail: losn@cunninghamresearch.com www.cunninghamresearch.com Income: H-40% M-30% L-30% Stations: 5 C K P O

### Facts 'n Figures

Valencia Town Center Mall 24201 Valencia Blvd., Suite 2317 Valencia, CA 91355 Ph. 661-222-2278 Fax 661-222-2287 E-mail: steve\_escoe@factsnfiguresinc.com www.factsnfiguresinc.com Gail Stutz, Manager Income: H-40% M-40% L-20% Stations: 12 C K P 0

# Facts 'n Figures Antelope Valley Mall 1233 W. Ave. P Palmdale, CA 93551 Ph. 661-272-4888 Fax 661-272-5676 E-mail: steve\_escoe@factsnfiguresinc.com www.factsnfiguresinc.com Teri Carver, Manager Income: H-20% M-70% L-10% Stations: 8 C K P 0

### Facts 'n Figures

Panorama Mall, Suite 78B 14550 Chase St. Panorama City, CA 91402 Ph. 818-891-6779 Fax 818-891-6119 E-mail: steve\_escoe@factsnfiguresinc.com www.factsnfiguresinc.com Cecilia Chavez, Manager Income: H-30% M-50% L-20% Stations: 12 C K P 0

### Field Management Associates-Los Angeles

10800 W. Pico Blvd., #207 Los Angeles, CA 90064 Ph. 310-234-3410 Fax 310-234-3480 E-mail: Ipernick@aol.com www.fmaresearch.com Income: NA Stations: NA

### Friedman Marketing Services

Consumer Opinion Center Stonewood Center Mall 404 Stonewood St. Downey, CA 90241 Ph. 562-861-9392 or 914-698-9591 Fax 562-861-2592 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Ruth Grigaras Income: H-40% M-40% L-20% Stations: 6 C K P 0

### L.A. Research, Inc.

9010 Reseda Blvd., Suite 109 Northridge, CA 91324 Ph. 818-993-5500 or 800-760-9040 Fax 818-993-5664 E-mail: lamusearch@aol.com Lorei Musselman, President Income: H-30% M-50% L-20% Stations: 7 C P 0

### Los Angeles Marketing Research Associates

Victory Plaza Mall N. Hollywood, CA 91364 Ph. 818-506-5544 Fax 818-762-5144 William Bilkiss, Sr. Vice President Income: H-40% M-40% L-20% Stations: 6 K P

### CODES

#### Income

O R

REC

FACILITIE

C H

1

4

S

44

02

H - est. percentage of mall customers in high-income bracket (+\$60,000) M - middle-income (\$30,000-\$60,000) L - low-income (under \$30,000)

Stations - number of interviewing stations

#### Facility features

C - computer-aided stations K - kitchen facilities P - private display room O - one-way mirror for viewing of stations

### NA - information not available

#### **Mid-America Research**

Santa Monica Place 301 Santa Monica Pl Santa Monica, CA 90401 Ph. 310-260-3237 or 847-392-0800 Fax 310-260-3241 E-mail: santamonica@midamr.com www.midamr.com Vita Olds, Manager Income: H-25% M-70% L-5% Stations: 25 CKPO

#### **Barbara Nolan Market Research**

Montclair Plaza 2157 Montclair Plaza Ln. Montclair, CA 91763 Ph. 800-240-6119 Fax 407-629-7633 E-mail: BNMR170@attglobal.net Income: H-25% M-50% L-25% CKPO Stations: 8

#### North American Insights - Los Angeles

Palm Desert Town Center 72840 Hwy 111, Suite D165 Palm Desert, CA 92260 Ph. 708-747-1100 ext. 11 Fax 708-747-4883 E-mail: sandyl@nainsights.com Income: H-32% M-38% L-30% Stations: 11 CKPO

#### **PKM Research Services**, Inc.

The Plaza at West Covina Mall 1514 Plaza Dr. West Covina, CA 91790 Ph. 626-856-3883 Fax 626-856-3886 E-mail: pkoer@aol.com Patricia Koerner, President Income: H-20% M-45% L-35% Stations: 6

CPO

L-20% CP

### Suburban Associates

Media City Center Mall 201 E. Magnolia, Store 263 Burbank, CA 91501 Ph. 818-563-5360 Fax 818-563-4850 E-mail: lamall@subassoc.com www.subassoc.com Susan Wisniewski, Manager Income: H-20% M-60% Stations: 10

### **Orange County**

### Car-Lene Research, Inc.

The Promenade Mall 40820 Winchester Rd., Suite 2292 Temecula, CA 92591 Ph. 909-296-0606 Fax 909-296-0605 E-mail: sandiego@carleneresearch.com www.carleneresearch.com Christie Thompson, Manager M-45% Income: H-35% L-20% Stations: 5 CKPO

### **Ouick Test/Heakin**

Santa Ana/Mainplace 2800 N. Main St., Suite 2088 Santa Ana, CA 92705 Ph. 714-547-8300 Fax 714-547-8998 E-mail: info@quicktest.com www.quicktest.com Rosemary Sandoval, Manager Income: H-33% M-34% L-33% Stations: 10 CKPO

### San Bernardino/ **Riverside**

### Car-Lene Research, Inc.

Ontario Mills Mall 1 Mills Cir., #508 Ontario, CA 91764 Ph. 909-481-7666 Fax 909-481-7706 E-mail: laontario@carleneresearch.com www.carleneresearch.com Tracy Nuno, Manager Income: H-35% M-45% L-20% Stations: 4 CKPO

#### **Quick Test/Heakin**

Galleria at Tyler, Suite 1042 Riverside, CA 92503 Ph. 909-637-1100 Fax 909-637-1191 E-mail: info@guicktest.com www.quicktest.com Jo-Anna Walb, Manager Income: H-25% M-55% L-20% Stations: 12 CKPO

### **Quick Test/Heakin**

Moreno Valley Mall 22500 Towne Circle, #1105 Moreno Valley, CA 92553 Ph. 909-653-3200 Fax 909-653-3255 E-mail: info@quicktest.com www.guicktest.com Peter Schachter, Manager Income: H-24% M-46% Stations: 10

### San Diego

### **Friedman Marketing Services**

**Consumer Opinion Center** Plaza Camino-Real 2525 El Camino Real, Suite 102 Carlsbad, CA 92008 Ph. 760-730-4577 or 914-698-9591 Fax 760-730-4576 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Betty Brown Income: H-60% M-30% L-10% Stations: 6 CKPO

#### Jagorda Interviewing Services

Plaza Bonita Mall 3030 Plaza Bonita Rd., #2001 National City, CA 91950 Ph. 619-479-2760 Fax 619-479-2526 E-mail: sharyl@jagorda.com www.jagorda.com Sharyl Norene, Office Manager M-33% L-44% Income: H-23% Stations: 8 CKP

#### Luth Research

Mission Valley Center Mall 1640 Camino Del Rio N., Suite 328 San Diego, CA 92108 Ph. 619-299-7487 Fax 619-299-0513 E-mail: info@luthresearch.com www.luthresearch.com Marilyn Adesanwo Income: H-30% M-50% L-20% Stations: 9 CKPO

#### **Quick Test/Heakin**

Parkway Plaza 304 Parkway Plaza, Suite 304 El Cajon, CA 92020 Ph. 619-444-7700 Fax 619-444-4157 E-mail: info@guicktest.com www.quicktest.com Harriet Roth, Manager Income: NA CKPO Stations: 6

#### San Diego Surveys, Inc.

The Opinion Center Chula Vista Center 555 Broadway, Suite 2014 Chula Vista, CA 91910 Ph. 619-265-2361 or 800-895-1225 Fax 619-582-1562 E-mail: SDSURVEYS@aol.com Fidencio Olquin, Mall Manager Income: H-25% M-65% L-10% Stations: 6 CKPO

L-30%

CKPO

### San Francisco Bay/ San Jose Area

### Car-Lene Research, Inc.

County East Mall 2550 Somersville Rd. Antioch, CA 94509 Ph. 925-706-9103 Fax 925-706-0437 E-mail: sanfrana@carleneresearch.com www.carleneresearch.com Kimberly Burks, Manager Income: H-38% M-36% L-26% Stations: 4 C K P O

### Car-Lene Research, Inc.

Stonestown Galleria 3251 20th Ave. San Francisco, CA 94132 Ph. 415-566-9925 Fax 415-566-9929 E-mail: sanfran@carleneresearch.com www.carleneresearch.com Lita Columbres, Manager Income: H-44% M-36% L-20% Stations: 6 C K P O

### Cunningham Field & Research Service

New Park Mall 1129 New Park Mall Newark, CA 94560 Ph. 386-677-5644 Fax 386-677-5534 E-mail: SANN@cunninghamresearch.com www.cunninghamresearch.com Income: H-30% M-50% L-20% Stations: 5 C K P 0

### Cunningham Field & Research Service

Santa Rosa Plaza 2047A Santa Rosa Plaza Santa Rosa, CA 95401 Ph. 386-677-5644 Fax 386-677-5534 E-mail: sanf@cunninghamresearch.com www.cunninghamresearch.com Income: H-40% M-40% L-20% Stations: 5 C K P O

### Field Management Associates-San Francisco

308 Great Mall Dr. Milpitas, CA 95035 Ph. 408-719-9800 E-mail: BerkeFMA@aol.com www.fmaresearch.com Hal Berke, Managing Partner Income: H-30% M-50% L-20% Stations: 7 C K P 0

### Friedman Marketing Services

Consumer Opinion Center 5820 Northgate Mall San Rafael, CA 94903 Ph. 415-472-5394 or 914-698-9591 Fax 415-472-5477 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Kathe Holt Income: H-50% M-40% L-10% Stations: 13 C K P 0

### North American Insights - San Francisco

Solano Mall 1350 Travis Blvd., Suite 1352B Fairfield, CA 94533 Ph. 708-747-1100 ext. 11 Fax 708-747-4883 E-mail: sandyl@nainsights.com Income: H-35% M-40% L-25% Stations: 10 C K P O

### Quick Test/Heakin

Southland Mall 688 Southland Mall Hayward, CA 94545 Ph. 510-785-4650 Fax 510-785-0641 E-mail: info@quicktest.com www.quicktest.com Martha Galicinao, Manager Income: H-5% M-20% L-75% Stations: 9 C K P O

### Quick Test/Heakin

West Valley Mall 3200 Naglee Rd., Suite 406 Tracy, CA 95376 Ph. 209-839-0532 Fax 209-839-0705 E-mail: info@quicktest.com www.quicktest.com Ayala Saltzman, Manager Income: H-20% M-75% L-5% Stations: 11 C K P O

### Margaret Yarbrough & Associates

South Shore Center 415 South Shore Center Alameda, CA 94501 Ph. 510-522-8600 or 510-521-6900 Fax 510-522-6749 E-mail: yarbrough@msn.com www.myarbrough.com Diane Kientz, President Income: H-30% M-50% L-20% Stations: 7 C K P

### Ventura

### **Reyes Research**

1013 Colina Vista Ventura, CA 93003 Ph. 805-278-1444 Fax 805-278-1447 E-mail: arvind@reyesresearch.com www.reyesresearch.com Michele Reyes, Owner Income: H-25% M-40% L-35% Stations: 10 C K P O

### Colorado

### Boulder

### Car-Lene Research, Inc.

Twin Peaks Mall 1250 S. Hover Rd., Suite 45 Longmont, C0 80501 Ph. 303-682-0131 Fax 303-682-0118 E-mail: denverl@carleneresearch.com www.carleneresearch.com Dannette Blake, Manager Income: H-25% M-50% L-25% Stations: 6 C K P 0

### **Colorado Springs**

### **Consumer Pulse of Colorado Springs**

The Citadel Mall, #1084 750 Citadel Dr. E. Colorado Springs, C0 80909 Ph. 719-596-6933 or 800-336-0159 Fax 719-596-6935 E-mail: coloradosprings@consumerpulse.com www.consumerpulse.com Gindy Robinett, Director Income: H-25% M-55% L-20% Stations: 8 C K P

### Barbara Nolan Market Research

Chapel Hill Mall 1710 Briargate Blvd., Suite 315 Colorado Springs, CO 80920 Ph. 800-240-6119 Fax 407-629-7633 E-mail: BNMR162@attglobal.net Income: H-25% M-50% L-25% Stations: 6 C K P 0

### The Springs Research

750 Citadel Dr. E., Suite 3122 Colorado Springs, CO 80909 Ph. 719-597-9869 Fax 719-597-9869 Esther Brewer, Owner Income: H-26% M-40% L-34% Stations: 8 C K P O

### Denver

### C & C Market Research, Inc.

Westminster Mall 5433 W. 88th Ave., #70 Westminster, CO 80031 Ph. 479-785-5637 Fax 479-785-5645 E-mail: craig@ccmarketresearch.com www.ccmarketresearch.com Income: NA Stations: NA

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### CODES

Income H - est. percentage of mall customers in high-income bracket (+\$60,000) M - middle-income (\$30,000-\$60,000) L - low-income (under \$30,000)

Stations - number of interviewing stations

### Facility features

C - computer-aided stations K - kitchen facilities P - private display room O - one-way mirror for viewing of stations

### NA - information not available

### Car-Lene Research, Inc.

(Opening soon) Colorado Mills Mall Lakewod, CO 80401 Ph. 847-940-2000 E-mail: info@carleneresearch.com www.carleneresearch.com Income: NA Stations: NA

#### Car-Lene Research, Inc.

Thornton Town Center 10001 Grant St. Thorton, CO 80229 Ph. 303-452-2696 Fax 303-452-2630 E-mail: denver@carleneresearch.com www.carleneresearch.com Cindy Rodriguez, Manager Income: H-25% M-60% L-15% Stations: 4 C K P O

### Cunningham Field & Research Service

Aurora Mall 14200 E. Alameda, Suite 1041 Aurora, CO 80012 Ph. 386-677-5644 Fax 386-677-5534 E-mail: DENV@cunninghamresearch.com www.cunninghamresearch.com Income: H-20% M-40% L-40% Stations: 4 C K P O

#### **Friedman Marketing Services**

Consumer Opinion Center Southwest Plaza Mall 8501 W. Bowles Ave. Littleton, CO 80123 Ph. 303-972-8734 or 914-698-9591 Fax 303-933-0476 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Ed Mitchell Income: H-40% M-40% L-20% Stations: 10 C K P O

### Quick Test/Heakin

Southglenn Mall, Space 0730 6911 S. University Blvd. Littleton, CO 80122 Ph. 303-937-0144 Fax 303-937-0502 E-mail: info@quicktest.com www.quicktest.com Jackie Stepanich, Manager Income: H-2% M-80% L-18% Stations: 4 C K P 0

### Connecticut

### Hartford

### Performance Plus

Westfield Shopping Town Enfield 90 Elm St. Enfield, CT 06082 Ph. 508-872-1287 Fax 508-879-7108 E-mail: info@performanceplusboston.com www.performanceplusboston.com Shirley Shames, President Income: H-40% M-40% L-20% Stations: 8 C K P 0

### New Haven

### **Firm Facts Interviewing**

Riverview Plaza Mall Norwalk, CT 06850 Ph. 203-375-4666 Fax 203-375-6034 E-mail: firmfacts@aol.com Harriet Quint, Co-Owner Income: H-25% M-55% L-20% Stations: 4 C K P

### Quick Test/Heakin

Westfield Shopping Town 470 Lewis Ave., Suite 4039 Meriden, CT 06451 Ph. 203-639-8100 Fax 203-639-4775 E-mail: info@quicktest.com www.quicktest.com Matt Williams, Manager Income: H-20% M-60% L-20% Stations: 4 C K P 0

### Shapiro Research Services, Inc.

Trumbull Shopping Park 5065 Main St. Trumbull, CT 06611 Ph. 203-373-9391 Fax 203-371-4257 E-mail: srstrumbull@aol.com Sandy Shapiro, President Income: H-20% M-60% L-20% Stations: 6 C K P 0

### Waterbury

Cunningham Field & Research Service Brass Mill Center 495 Union St., Suite 1102 Waterbury, CT 06706 Ph. 386-677-5644 Fax 386-677-5534 E-mail: WATE@cunninghamresearch.com www.cunninghamresearch.com Income: H-20% M-30% L-50% Stations: 5 C K P O

### **District of Columbia**

### Car-Lene Research, Inc.

Potomac Mills Mall 2700 Potomac Mills Cir. Woodbridge, VA 22192 Ph. 703-497-4444 Fax 703-497-0999 E-mail: dc@carleneresearch.com www.carleneresearch.com Yvonnie Fayson, Manager Income: H-25% M-45% L-30% Stations: 4 C K P O

### **Consumer Pulse of Washington**

The Mall at Manassas 8300 Sudley Rd. Manassas, VA 20109 Ph. 703-442-0960 or 800-336-0159 Fax 703-442-0967 E-mail: washington@consumerpulse.com www.consumerpulse.com Dana Ganey, Manager Income: H-25% M-55% L-20% Stations: 8 C K P

### Cunningham Field & Research Service

Springfield Mall 6691B Springfield Mall Springfield, VA 22150 Ph. 386-677-5644 Fax 386-677-5534 E-mail: WASH@cunninghamresearch.com www.cunninghamresearch.com Income: H-20% M-70% L-10% Stations: 4 C K P O

### Barbara Nolan Market Research

Ballston Common Mall 4238 Wilson Blvd., L2-K Arlington, VA 22203 Ph. 800-240-6119 Fax 407-629-7633 E-mail: BNMR149@attglobal.net Income: NA Stations: NA

### T.I.M.E. Market Research

425 Spotsylvania Mall Fredericksburg, VA 22407 Ph. 540-786-3376 Fax 540-786-3925 E-mail: timese@erols.com Steve Ingalls, Partner Income: H-25% M-60% L-15% Stations: 12 C K P O

### Florida

### Daytona Beach

### Cunningham Field & Research Service

Volusia Mall 1700 International Speedway Blvd., Suite 386 Daytona Beach, FL 32114 Ph. 386-677-5644 Fax 386-677-5534 E-mail: DAYT@cunninghamresearch.com www.cunninghamresearch.com Income: H-10% M-70% L-20% Stations: 6 C K P 0

### Fort Lauderdale

### Car-Lene Research, Inc.

Broward Mall 8000 Broward Mall, Suite 124 Plantation, FL 33388 Ph. 954-476-6840 Fax 954-476-6839 E-mail: ftlauderdale@carleneresearch.com www.carleneresearch.com Sandy Lorello, Manager Income: H-25% M-35% L-40% Stations: 6 C K P 0

### Car-Lene Research, Inc.

Sawgrass Mills Mall 12801 W. Sunrise Blvd. Sunrise, FL 33323 Ph. 847-940-2000 E-mail: info@carleneresearch.com www.carleneresearch.com Income: H-15% M-60% L-25% Stations: NA C K P O

### Carolana Research

Oakbrook Mall 7207 W. Oakland Park Blvd. Fort Lauderdale, FL 33313 Ph. 954-741-2234 Fax 954-742-3733 E-mail: carolana2@cs.com Carol Nadell, President Income: H-25% M-50% L-25% Stations: 6 C K P O

### Mars Research

Fashion Mall at Plantation 321 N. University Dr., Suite B-11-A Fort Lauderdale, FL 33324 Ph. 954-755-2805 or 877-755-2805 Fax 954-755-3061 E-mail: info@marsresearch.com www.marsresearch.com Joyce Gutfreund, Director of Operations Income: H-60% M-30% L-10% Stations: 8 C P

### Quick Test/Heakin

Coral Square Mall 9569 W. Atlantic Blvd. Coral Springs, FL 33071 Ph. 954-753-4466 Fax 954-753-4981 E-mail: info@quicktest.com www.quicktest.com Linda Boneville Income: H-34% M-56% L-10% Stations: 14 C K P O

### South Florida Market Research

The Festival Mall 2900 W. Sample Rd. Fort Lauderdale, FL 33060 Ph. 954-975-5982 Fax 954-984-8963 E-mail: SFMRS@bellsouth.net www.sfmrs.com Beatrice or Lester Alenik Income: H-30% M-60% L-10% Stations: 5 C P

### Jacksonville

### **Consumer Pulse of Jacksonville**

Regency Square Mall, #680 9501 Arlington Expy. Jacksonville, FL 32225 Ph. 904-723-3322 or 800-336-0159 Fax 904-723-0048 E-mail: jacksonville@consumerpulse.com www.consumerpulse.com Wendy Comer, Manager Income: H-20% M-60% L-20% Stations: 8 C K P

#### Cunningham Field & Research Service Orange Park Mall

Value Park Mail 1910 Wells Rd., Suite 1002 Orange Park, FL 32073 Ph. 386-677-5644 Fax 386-677-5534 E-mail: JACK@cunninghamresearch.com www.cunninghamresearch.com Income: H-20% M-70% L-10% Stations: 8 C K P 0

### Quick Test/Heakin

The Avenues Mall 10300 Southside Blvd., Suite 168 Jacksonville, FL 32256 Ph. 904-363-1480 Fax 904-363-2281 E-mail: info@quicktest.com www.quicktest.com Kathy Paddock, Manager Income: H-20% Stations: 12 C K P

### Melbourne

### Quick Test/Heakin

Melbourne Square Mall 1700 W. New Haven Ave., Suite 203 Melbourne, FL 32904 Ph. 321-729-9809 Fax 321-729-9551 E-mail: info@quicktest.com www.quicktest.com Vicki Crosthwaite, Manager Income: H-30% M-50% L-20% Stations: 10 C K P 0

### Miami

#### Cunningham Field & Research Service Pembroke Lakes Mall

Pembroke Lakes Mail 11401 Pines Blvd., Suite 702 Pembroke Pines, FL 33026 Ph. 386-677-5544 Fax 386-677-5534 E-mail: MIAM@cunninghamresearch.com www.cunninghamresearch.com Income: H-30% M-50% L-20% Stations: 6 C K P 0

### Miami Market Research, Inc.

6840 S.W. 40 St., Suite 201A Miami, FL 33155 Ph. 305-666-7010 Fax 305-666-7960 E-mail: miamktrsch@aol.com Luis Padron, President Income: H-30% M-50% L-20% Stations: 10 C K

### Quick Test/Heakin

Miami International Mall 1455 N.W. 107th Ave., Suite 687 Miami, FL 33172 Ph. 305-591-1388 Fax 305-592-1188 E-mail: info@quicktest.com www.quicktest.com Denise Ramos, Manager Income: H-30% M-60% L-10% Stations: 11 C K P O

### Orlando

### Car-Lene Research, Inc.

West Oaks Mall 9401 W. Colonial Dr., Space 401 Ocoee, FL 34761 Ph. 407-298-6668 Fax 407-298-6877 E-mail: orlando@carleneresearch.com www.carleneresearch.com Linda Powers, Manager Income: H-36% M-25% L-39% Stations: 6 C K P O

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#### CODES

Income H - est. percentage of mall customers in high-income bracket (+\$60,000) M - middle-income (\$30,000-\$60,000) L - low-income (under \$30,000)

Stations - number of interviewing stations

#### Facility features

C - computer-aided stations K - kitchen facilities P - private display room O - one-way mirror for viewing of stations

NA - information not available

### Cunningham Field & Research Service

Florida Mall 8001 S. Orange Blossom Trail, Suite 824 Orlando, FL 32809 Ph. 386-677-5644 Fax 386-677-5534 E-mail: orlf@cunninghamresearch.com www.cunninghamresearch.com Income: H-30% M-60% L-10% Stations: 5 C K P O

#### Barbara Nolan Market Research

Altamonte Mall 451 E. Altamonte Dr., Space 521 Altamonte Springs, FL 32701 Ph. 800-240-6119 Fax 407-629-7633 E-mail: BNMR173@attglobal.net Income: H-60% M-30% L-10% Stations: 10 C K P 0

#### Barbara Nolan Market Research

Oviedo Marketplace 1005 Oviedo Marketplace Blvd., Space 1515 Oviedo, FL 32765 Ph. 800-240-6119 Fax 407-629-7633 E-mail: BNMR177@attglobal.net Income: H-50% M-40% L-10% Stations: 8 C K P O

#### Barbara Nolan Market Research

Seminole Town Center 275 Town Center Circle, Space L-9 Sanford, FL 32771 Ph. 800-240-6119 Fax 407-629-7633 E-mail: BNMR180@attglobal.net Income: H-50% M-40% L-10% Stations: 8 C K P O

### Quick Test/Heakin

Lake Square Mall 10401-082 Highway 441 Leesburg, FL 34788 Ph. 352-365-0505 Fax 352-365-2005 E-mail: info@quicktest.com www.quicktest.com Koko Gough, Manager Income: H-9% Stations: 6 C K O

### Sarasota/Bradenton

### Mid-America Research

De Soto Square 303 U.S. 301 Blvd. W., Suite 811 Bradenton, FL 34205 Ph. 941-746-1849 or 847-392-0800 Fax 941-746-6157 E-mail: desoto@midamr.com www.midamr.com Camille Moore, Manager Income: H-12% M-78% L-10% Stations: 12 C K P O

### Starr Research

Sarasota Square Mall 8201 S. Tamiami Trail, #54 Sarasota, FL 34238 Ph. 941-925-7827 Fax 941-922-3289 E-mail: jim@starrresearch.com Jim Pobicki, Vice President Income: H-30% M-60% L-10% Stations: 6 C K P 0

### Tallahassee

#### Friedman Marketing Services

Consumer Opinion Center Tallahassee Mall 2415 N. Monroe St. Tallahassee, FL 32303 Ph. 850-385-4399 or 914-698-9591 Fax 850-385-3481 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Liz Cox Income: H-25% M-50% L-25% Stations: 7 C K P 0

### Tampa/St. Petersburg

#### Adam Market Research, Inc.

University Mall Tampa, FL 33612 Ph. 813-875-4005 Fax 813-875-4055 Mark Siegel, Director Income: H-25% M-40% L-35% Stations: 7 K P

#### C & C Market Research, Inc.

Lakeshore Mall 901 U.S. Hwy. 27 N. #41 Sebring, FL 33870 Ph. 479-785-5637 Fax 479-785-5645 E-mail: craig@ccmarketresearch.com www.ccmarketresearch.com Income: H-45% M-45% L-10% Stations: 8 C K P O

### Car-Lene Research, Inc.

Tyrone Square Mall 2449 Tyrone Way, #698 St. Petersburg, FL 33710 Ph. 727-344-6886 Fax 727-344-6596 E-mail: tampat@carleneresearch.com www.carleneresearch.com Sharon Brandy, Manager Income: H-27% M-32% L-41% Stations: 4 C K P O

### Cunningham Field & Research Service

Brandon Towne Center 334 Brandon Town Center Brandon, FL 33511 Ph. 386-677-5644 Fax 386-677-5534 E-mail: TAMB@cunninghamresearch.com www.cunninghamresearch.com Income: H-10% M-80% L-10% Stations: 5 C K P O

### **Gulf State Research Center**

Eagle Ridge Mall 433 Eagle Ridge Dr., Suite 211 Lake Wales, FL 33859 Ph. 800-357-8842 or 863-676-3676 Fax 863-676-0471 E-mail: gulfstatefla@aol.com Tim Villar, Vice President Income: H-34% M-49% L-17% Stations: 6 C K P O

### North American Insights - Tampa Bay

1441 Tamiami Trail, Suite 505 Port Charlotte, FL 33948 Ph. 708-747-1100 ext. 11 Fax 708-747-4883 E-mail: sandyl@nainsights.com Income: H-25% M-49% L-26% Stations: 12 C K P O

#### Quick Test/Heakin

Citrus Park Town Center Mall 7852 Citrus Park Town Center Mall Tampa, FL 33625 Ph. 813-926-3222 Fax 813-926-4091 E-mail: info@quicktest.com www.quicktest.com Michael Borges, Manager Income: H-30% M-60% L-10% Stations: 7 C K P O

#### Quick Test/Heakin

Gulf View Square Mall 9409 U.S. Hwy. 19 N., Suite 299 Port Richey, FL 34668 Ph. 727-847-2222 Fax 727-842-8541 E-mail: info@quicktest.com www.quicktest.com Lori Hulett-Knapp, Manager Income: H-10% M-30% L-60% Stations: 6 P

#### Suburban Associates

Lakeland Square Mall, Store #510 3800 U.S. Hwy. 98 N. Lakeland, FL 33809 Ph. 863-858-9639 Fax 863-858-8639 E-mail: lakeland@subassoc.com www.subassoc.com Barbara Talbott, Manager Income: H-10% M-70% L-20% Stations: 10 C K P

### West Palm Beach

### Quick Test/Heakin

Boynton Beach Mall 801 N. Congress Ave., Suite 283 Boynton Beach, FL 33426 Ph. 561-733-8998 Fax 561-733-9918 E-mail: info@quicktest.com www.quicktest.com Suzann Davis, Manager Income: H-34% M-56% L-10% Stations: 10 C K P O

### Georgia

### Athens

### C & C Market Research, Inc.

Georgia Square Mall 3700 Atlanta Hwy., #109 Athens, GA 30606 Ph. 479-785-5637 Fax 479-785-5645 E-mail: craig@ccmarketresearch.com www.ccmarketresearch.com Income: NA Stations: 5 CKP 0

### Atlanta

### Car-Lene Research, Inc.

Arbor Place Mall 2431 Arbor Place Mall Douglasville, GA 30135 Ph. 770-577-5414 Fax 770-577-8585 E-mail: atlantaa@carleneresearch.com www.carleneresearch.com Myya Mixon, Manager Income: H-43% M-32% L-25% Stations: 4 C K P 0

### Car-Lene Research, Inc.

Discover Mills 5900 Sugarloaf Pkwy., Space #216 Lawrenceville, GA 30043 Ph. 678-847-5737 Fax 678-847-5738 E-mail: atlantad@carleneresearch.com www.carleneresearch.com Income: H-37% M-46% L-17% Stations: NA C K P 0

### Car-Lene Research, Inc.

North Dekalb Mall 2050 Lawrenceville Hwy., Suite 2005 Decatur, GA 30033 Ph. 404-728-8810 Fax 404-633-9841 E-mail: atlanta@carleneresearch.com www.carleneresearch.com Marci Bennett, Office Manager Income: H-27% M-40% L-33% Stations: 6 C K P 0

### Car-Lene Research, Inc.

Perimeter Mall 4400 Ashford Dunwoody Rd., #2760 Atlanta, GA 30346 Ph. 770-730-0622 Fax 770-730-9968 E-mail: atlantap@carleneresearch.com www.carleneresearch.com Christy Haney, Manager Income: H-75% M-20% L-5% Stations: 6 C K P 0

### **Cunningham Field & Research Service**

North Point Mall 1002 N. Point Cir. Alpharetta, GA 30022 Ph. 386-677-5644 Fax 386-677-5534 E-mail: ATLA@cunninghamresearch.com www.cunninghamresearch.com Income: H-35% M-55% L-10% Stations: 7 C K P O

### Cunningham Field & Research Service

The Mails at Stonecrest 2929 Turner Hill Rd., Suite 1430 Lithonia, GA 30038 Ph. 386-677-5644 Fax 386-677-5534 E-mail: ATLS@cunninghamresearch.com www.cunninghamresearch.com Income: H-30% M-40% L-30% Stations: 4 C K P O

### MacConnell Research Services, Inc.

Cumberland Mall 1000 Cumberland Mall Atlanta, GA 30339 Ph. 770-451-6236 Fax 770-451-6184 Income: H-30% M-50% L-20% Stations: 8 C K P 0

### MacConnell Research Services, Inc.

Southlake Mall 1000 Southlake Mall, Suite 2443 Morrow, GA 30260 Ph. 770-451-6236 Fax 770-451-6184 Income: H-35% M-45% L-20% Stations: 8 C K P

### Mid-America Research

Lenox Square Mall 3393 Peachtree Rd. N.E. Atlanta, GA 30326 Ph. 404-261-8011 or 847-392-0800 Fax 404-261-5576 E-mail: lenox@midamr.com www.midamr.com Carrie Skinner, Manager Income: H-26% M-60% L-14% Stations: 24 C K P 0

### Mid-America Research

Northlake Mall 4800 Briarcliff Rd. Atlanta, GA 30345 Ph. 770-493-1403 or 847-392-0800 Fax 770-493-9050 E-mail: northlake@midamr.com www.midamr.com Carrie Skinner, Manager Income: H-19% M-76% L-5% Stations: 12 C K P 0

### Barbara Nolan Market Research

 Town Center at Cobb

 Space 3018, 400 Earnst Barrett Pkwy.

 Hennesaw, GA 30144

 Ph. 678-581-1393

 Fax 678-581-1392

 E-mail: BNMR165@attglobal.net

 Income: H-55%
 M-45%

 L-15%

 Stations: 15
 K P 0

### Quick Test/Heakin

Gwinnett Place Mall 2100 Pleasant Hill Rd. Duluth, GA 30096 Ph. 770-476-0714 Fax 770-476-3194 E-mail: info@quicktest.com www.quicktest.com Gayle Haggett, Manager Income: H-34% M-37% L-29% Stations: 10 C K P O

### **Tannenbaum Research Services**

80 South Dekalb Mall Decatur, GA 30034 Ph. 404-241-3061 Fax 404-636-3037 Judy Tannenbaum, Owner Income: H-30% M-50% L-20% Stations: 8 C K P O

### Gainesville

### Quick Test/Heakin

 Mall of Georgia

 3333 Buford Dr., Suite 1098

 Buford, GA 30519

 Ph. 770-831-5099

 Fax 770-831-5012

 E-mail: info@quicktest.com

 www.quicktest.com

 JEff Skelton, Manager

 Income: H-25%
 M-46%

 L-29%

 Stations: 10
 C K P O

### CODES

#### Income

ECTOR

FACILITIES

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EARC

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20

002 MALL

H - est. percentage of mall customers in high-income bracket (+\$60,000)
M - middle-income (\$30,000-\$60,000)
L - low-income (under \$30,000)

Stations - number of interviewing stations

#### Facility features

C - computer-aided stations

K - kitchen facilities

- P private display room
- O one-way mirror for viewing of stations

NA - information not available

### Idaho

### Boise

Consumer Opinion Services, Inc. Boise Towne Square 350 N. Milwaukee St., Suite 2141 Boise, ID 83704 Ph. 208-323-8584 or 206-241-6050 for bids Fax 208-323-8593 E-mail: boise@cosvc.com www.cosvc.com Robert Corbin, Manager Income: H-15% M-60% L-25% Stations: 9 C K P (See advertisement on p. 121)

### Illinois

### Chicago

#### Bryles Research, Inc.

9405 Enterprise Drive Mokena, IL 60448 Ph. 708-478-3333 Fax 708-478-1850 E-mail: bids@brylesresearch.com www.brylesresearch.com Robert Bryles, President Income: H-30% M-60% L-10% Stations: 12 C K P 0

#### Bryles Research, Inc.

Northfield Square M	Aall	
1600 N. State Rte.	50	
Bourbonnais, IL 60	914	
Ph. 815-937-8822		
Fax 815-937-8885		
E-mail: bids@bryles www.brylesresearc		m
Laura Brady, Super	visor	
Income: H-10%	M-70%	L-20%
Stations: 10		CKPO

### Car-Lene Research, Inc.

Lincolnwood Town Center 3333 W. Touhy Ave. Lincolnwood, IL 60712 Ph. 847-679-4470 Fax 847-679-4472 E-mail: chicagol@carleneresearch.com www.carleneresearch.com Nadya Hasselquist, Manager Income: H-37% M-17% L-46% Stations: 6 C K P O

### Car-Lene Research, Inc.

River Oaks Center 8 River Oaks Center Calumet City, IL 60409 Ph. 708-862-6666 Fax 708-862-0660 E-mail: chicagor@carleneresearch.com www.carleneresearch.com Barbara Rutledge, Manager Income: H-14% M-47% L-39% Stations: 4 C K P 0

#### Car-Lene Research, Inc.

Westfield Shoppingtown Hawthorn 429 Hawthorn Center Vernon Hills, IL 60061 Ph. 847-816-1237 Fax 847-816-3117 E-mail: chicagoh@carleneresearch.com www.carleneresearch.com Robin Rome, Manager Income: H-60% M-30% L-10% Stations: 6 C K P 0

### Car-Lene Research, Inc.

Yorktown Center 266 D Yorktown Center Lombard, IL 60148 Ph. 630-705-1303 Fax 630-705-1304 E-mail: chicagoy@carleneresearch.com www.carleneresearch.com Marlene Szafranski, Manager Income: H-45% M-45% L-10% Stations: 4 C K P 0

#### Consumer Opinion Services, Inc.

Harlem-Irving Plaza 4192 N. Harlem Ave., Space #67 Norridge, IL 60706 Ph. 708-452-7665 or 206-241-6050 for bids Fax 708-452-7936 E-mail: chicago@cosvc.com www.cosvc.com Susan Piacenza Income: H-23% M-50% L-27% Stations: 6 C K P 0 (See advertisement on p. 121)

### **Consumer Pulse of Chicago**

Stratford Square Mall #D24 424 Stratford Square Bloomingdale, IL 60108 Ph. 630-894-9103 or 800-336-0159 Fax 630-894-9105 E-mail: chicago@consumerpulse.com www.consumerpulse.com Steve Lehman, Director Income: H-30% M-50% L-20% Stations: 10 C K P 0

#### Consumer Surveys Co.

Northpoint Shopping Center 304 E. Rand Rd. Arlington Heights, IL 60004 Ph. 847-394-9411 Fax 847-394-0001 E-mail: consumersurveys1@aol.com Deanna Kohn, Nat'l. Field Director Income: H-44% M-38% L-18% Stations: 16 C K P 0 (See advertisement on p. 105)

#### Consumer Surveys Co.

730 Chicago Ridge Mall Chicago Ridge, IL 60415 Ph. 708-499-6000 Fax 708-499-4621 E-mail: consumersurveys1@aol.com Deanna Kohn, Nat'l. Field Director Income: H-32% M-48% L-32% Stations: 5 C K P 0 (See advertisement on p. 105)

#### **Cunningham Field & Research Service**

Gurnee Mills Mall 6170 W. Grand Ave., Suite 588 Gurnee, IL 60031-4548 Ph. 386-677-5644 Fax 386-677-5534 E-mail: CHIG@cunninghamresearch.com www.cunninghamresearch.com Income: H-25% M-50% L-25% Stations: 6 C K P 0

### Cunningham Field & Research Service

Lincoln Mall 146B Lincoln Mall Matteson, IL 60443 Ph. 386-677-5644 Fax 386-677-5534 E-mail: CHIL@cunninghamresearch.com www.cunninghamresearch.com Income: H-20% M-80% L-0% Stations: 6 C K P 0

#### **Mid-America Research**

Orland Square Mall 2800 Orlando Square Orland Park, IL 60462 Ph. 708-349-0888 or 847-392-0800 Fax 708-349-9407 E-mail: orland@midamr.com www.midamr.com Joan Rogers, Manager Income: H-24% M-63% L-14% Stations: 12 C K P O

### Mid-America Research

Randhurst Center 999 N. Elmhurst Rd., Suite 210 Mt. Prospect, IL 60056 Ph. 847-392-9770 or 847-392-0800 Fax 847-392-9891 E-mail: randhurst@midamr.com www.midamr.com Lori Tomeleoni Income: H-33% M-52% L-15% Stations: 20 C K P 0

# PAMPER YOUR CLIENTS



### CONSUMER SURVEYS COMPANY IN CHICAGO, WHEN YOU DEMAND EXCELLENCE

- Communicate instantly with your moderator from the viewing room by means of a *unique computer system* visible only to your moderator.
- Use a *remote control video taping system* located in the rear of the room... not in front, blocking your view.
- View the group in our *client lounge* or in our *tiered observation room* that *comfortably seats fifteen* of your agency and corporate traveling companions.
- · Watch your group through a sound insulated window.
- Feel refreshed by our separate air/heating system.

IF IT'S WORTH DOING, IT'S WORTH DOING WELL



### Consumer Surveys Company

Northpoint Shopping Center • 304 E. Rand Rd. • Arlington Heights, IL 60004 Tel: 847/394-9411 • Fax: 847/394-0001 consumersurveys1@aol.com

#### CODES

#### Income

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02

H - est. percentage of mall customers in high-income bracket (+\$60,000) M - middle-income (\$30,000-\$60,000) L - low-income (under \$30,000)

Stations - number of interviewing stations

### Facility features

C - computer-aided stations K - kitchen facilities P - private display room O - one-way mirror for viewing of stations

NA - information not available

### Barbara Nolan Market Research

Charlestowne Mall, Space C-221 St. Charles, IL 60174 Ph. 800-240-6119 Fax 407-629-7633 E-mail: BNMR186@attglobal.net Income: H-25% M-60% L-15% Stations: 6 C K P 0

### Quick Test/Heakin

Golf Mill Center 373 Golf Mill Center Niles, IL 60714 Ph. 847-824-6550 Fax 847-824-6552 E-mail: info@quicktest.com www.quicktest.com Susan Habel, Manager Income: H-22% M-65% L-13% Stations: 10 C K P O

### Quick Test/Heakin

Louis Joliet Mall 1166 Louis Joliet Mall Joliet, IL 60431 Ph. 815-439-2053 Fax 815-439-2162 E-mail: info@quicktest.com www.quicktest.com Molly Vaught, Manager Income: H-34% M-39% L-27% Stations: 8 C K P 0

### Quick Test/Heakin

Spring Hill Mall 1298 Spring Hill Mall West Dundee, IL 60118 Ph. 847-426-8099 Fax 847-426-8245 E-mail: info@quicktest.com www.quicktest.com Kelly Parsons, Manager Income: H-18% M-50% Stations: 8 C K P 0

### The Research Group, Inc.

Oak Mill Mall 7900 Milwaukee, Ave., Suite 222 Niles, IL 60714 Ph. 847-966-8900 Fax 847-966-8871 E-mail: RGI222@aol.com www.researchgroupinc.com Income: H-30% M-50% L-20% Stations: 5 K P 0

### Peoria

Scotti Research, In	IC.	
Northwoods Mall		
4501 War Memoria	1	
Peoria, IL 61613		
Ph. 309-682-4254		
Fax 309-673-5942		
E-mail: scotti@a5.c	om	
Nancy Matheis, Pre	sident	
Income: H-25%	M-50%	L-25%
Stations: 6	CKP	

### Indiana

### Evansville

### **LK Research LLC**

Eastland Mall Evansville, IN 47715 Ph. 812-485-2160 Fax 812-485-2164 E-mail: rbienhaus@lkresearch.net www.lkresearch.net Jim Knauff, Owner Income: H-25% M-50% L-25% Stations: 8 C K P 0

### Indianapolis

### Herron Associates, Inc.

Greenwood Park, #C-26 1251 U.S. 31 N. Greenwood, IN 46142 Ph. 317-882-3800 Fax 317-882-4716 E-mail: paul@herron-research.com www.herron-research.com Income: H-35% M-48% L-17% Stations: 10 C K P O

#### Indianapolis Research Company, Inc.

Lafayette Square Mall 3919 Lafayette Rd., #394 Indianapolis, IN 46254 Ph. 317-299-5605 Fax 317-299-5620 E-mail: ircmelissa@aol.com Income: H-35% M-45% L-20% Stations: 6 C K P

### Jackson & Jackson Research, Inc.

Fair Oaks Mall 5144 Madison Ave., Suite 9 Indianapolis, IN 46227 Ph. 317-782-3066 Fax 317-788-3165 Janet Jackson, President Income: H-15% M-71% L-14% Stations: 6 C K P O

#### North American Insights - Indianapolis Castleton Square 6020 E. 82nd St., Suite 304 Indianapolis, IN 46236 Ph. 708-747-1100 ext. 11 Fax 708-747-4883 E-mail: sandyl@nainsights.com Sandy Lewis

M-60%

L-29%

CKPO

### lowa

Income: H-11%

Stations: 11

### Davenport

# PMR-Personal Marketing Research, Inc.NorthPark Mall320 W. Kimberly Rd./P.O. Box 404Davenport, IA 52806Ph. 563-388-4759Fax 563-388-4796E-mail: info@e-pmr.comwww.e-pmr.comBonnie Howard, Vice PresidentIncome: H-20%M-70%L-10%Stations: 6C K P

### **Des Moines**

Car-Lene Research, Inc. Merle Hay Mall 3800 Merle Hay Rd., Suite 200 Des Moines, IA 50310 Ph. 515-270-6555 Fax 515-270-6488 E-mail: desmoines@carleneresearch.com www.carleneresearch.com Todd Winchester, Manager Income: H-30% M-45% L-25% Stations: 3 C K P 0

### T.L. Grantham & Associates, Inc.

Park Fair Mall 100 E. Euclid Ave., Suite 17 Des Moines, IA 50313 Ph. 515-288-7156 Fax 515-698-5573 E-mail: tgrantham@tlgrantham.com www.tlgrantham.com Teresa Grantham, President Income: H-15% M-65% L-20% Stations: 7 C K P O

#### Mid-lowa Interviewing, Inc.

Valley West Mall 1551 Valley W. Dr., Suite 157A West Des Moines, IA 50266 Ph. 515-225-6232 Fax 515-225-1184 E-mail: MID225@aol.com Dolly Brown, Owner Income: H-30% M-40% L-30% Stations: 6 C K P O

## Kansas

## Kansas City (See Kansas City, MO)

## Wichita

#### Barbara Nolan Market Research

 Towne West Square, Space 804

 Wichita, KS 67209

 Ph. 800-240-6119

 Fax 407-629-7633

 E-mail: BNMR158@attglobal.net

 Income: H-25%
 M-50%

 L-25%

 Stations: 6
 C K P 0

## Kentucky

## Louisville

#### Car-Lene Research, Inc.

Green Tree Mall Hwy. 131, Unit 224 Clarksville, IN 47129 Ph. 812-284-1770 Fax 812-284-1655 E-mail: louisville@carleneresearch.com www.carleneresearch.com Doris West, Manager Income: H-31% M-34% L-35% Stations: 5 C K P O

#### MRK, Inc.

Mid City Mall 1250 Bardstown Rd. Louisville, KY 40204 Ph. 502-458-4159 Fax 502-456-5776 E-mail: marylea@mrkresearch.com www.mrkresearch.com Mary Lea Quick, President Income: H-40% M-50% L-10% Stations: 7 C K P 0

#### Personal Opinion, Inc.

Bashford Manor Mall 3600 Bardstown Rd. Louisville, KY 40218 Ph. 502-899-2400 Fax 502-899-2404 E-mail: Ischulz@personalopinion.org www.personalopinion.org Linda Schulz, Director Marketing Research Income: H-20% M-60% L-20% Stations: 6 C K P 0 Personal Opinion, Inc. River Falls Mall 951 E. Hwy. 131 Clarksville, IN 47129 Ph. 502-899-2400 Fax 502-899-2404 E-mail: Ischulz@personalopinion.org www.personalopinion.org Linda Schulz, Director Marketing Research Income: H-20% M-55% L-25% Stations: 9 C K P O

## Louisiana

## **New Orleans**

#### Car-Lene Research, Inc.

North Shore Square Mall 5038 North Shore Blvd., Suite 5038 Slidell, LA 70460 Ph. 985-847-0405 Fax 985-847-0042 E-mail: neworleans@carleneresearch.com www.carleneresearch.com Joshua Barger, Manager Income: H-40% M-45% L-15% Stations: 6 C K P 0

#### Friedman Marketing Services

Consumer Opinion Center Oakwood Shopping Center 197 Westbank Expwy., Suite 7 Gretna, LA 70056 Ph. 504-367-5808 or 914-698-9591 Fax 504-367-5852 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Connie Baldassaro Income: H-25% M-50% L-25% Stations: 5 C K P 0

#### **Gulf State Research Center**

Clearview Mall 4426 Veterans Blvd. New Orleans, LA 70006 Ph. 800-357-8842 or 863-676-3676 Fax 863-676-0471 E-mail: gulfstatefla@aol.com Susan Brehm, Manager Income: H-38% M-48% L-14% Stations: 6 C K P

#### Quick Test/Heakin

Esplanade Mall 1401 W. Esplanade Kenner, LA 70065 Ph. 504-464-9188 Fax 504-464-9936 E-mail: info@quicktest.com www.quicktest.com Tracie Luc, Manager Income: H-21% M-45% L-34% Stations: 12 C K P O

## Maryland

## **Baltimore**

#### Car-Lene Research, Inc.

Arundel Mills 7000 Arundel Mills Blvd., Space 324 Hanover, MD 21076 Ph. 443-755-8880 Fax 443-755-8884 E-mail: baltimorea@carleneresearch.com www.carleneresearch.com Sylvia Yeager, Manager Income: H-30% M-55% L-15% Stations: 5 C K P 0

#### Car-Lene Research, Inc.

Towson Town Center 825 Dulaney Valley Rd., #1105 Towson, MD 21204 Ph. 410-823-7900 Fax 410-823-7868 E-mail: baltimore@carleneresearch.com www.carleneresearch.com Sylvia Sandler, Manager Income: H-45% M-35% L-20% Stations: 4 C K P 0

#### **Consumer Pulse of Baltimore**

The Mall in Columbia 10300 Little Patuxent Pkwy. Columbia, MD 21044 Ph. 410-772-1440 or 800-336-0159 Fax 410-772-1443 E-mail: baltimore.columbia@consumerpulse.com www.consumerpulse.com JoAnna Rogers, Manager Income: H-30% M-50% L-20% Stations: 10 C K P

#### Friedman Marketing Services

Consumer Opinion Center Eastpoint Mall 7846 Eastpoint Mall Baltimore, MD 21224 Ph. 410-284-7900 or 914-698-9591 Fax 410-284-9378 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Tara Jones Income: H-30% M-50% L-20% Stations: 18 C K P O

#### Quick Test/Heakin

Owings Mills Town Center 10300 Mill Run Circle, Suite 1155 Owings Mills, MD 21117 Ph. 410-998-3939 Fax 410-998-3555 E-mail: info@quicktest.com www.quicktest.com Judy Ernig, Manager Income: H-46% M-41% L-13% Stations: 10 C K P O

#### CODES

#### Income

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 H - est. percentage of mall customers in high-income bracket (+\$60,000)
 M - middle-income (\$30,000-\$60,000)
 L - low-income (under \$30,000)

Stations - number of interviewing stations

#### Facility features

C - computer-aided stations K - kitchen facilities P - private display room O - one-way mirror for viewing of stations

#### NA-information not available

Quick Test/Heakin White Marsh Mall 8200 Perry Hall Blvd., Suite 1045 Baltimore, MD 21236 Ph. 410-933-9400 Fax 410-933-9440 E-mail: info@quicktest.com www.quicktest.com Randi Stone, Manager Income: H-37% M-45% L-18% Stations: 10 C K P 0

## Massachusetts

## Boston

Car-Lene Research, Inc. Silver City Galleria 2 Galleria Mall Dr. Taunton, MA 02780 Ph. 508-880-0087 Fax 508-880-8715 E-mail: boston@carleneresearch.com www.carleneresearch.com Steve Martin, Manager Income: H-34% M-24% L-42% Stations: 5 C K P 0

#### Cunningham Field & Research Service Natick Mall

1245 Worchester St., Suite 1004 Natick, MA 01760-1553 Ph. 386-677-5644 Fax 386-677-5534 E-mail: BOST@cunninghamresearch.com www.cunninghamresearch.com Income: H-40% M-40% L-20% Stations: 5 C K P 0

#### Barbara Nolan Market Research

Independence Mall Way, Space A-123 Kingston, MA 02364 Ph. 800-240-6119 Fax 407-629-7633 E-mail: BNMR152@attglobal.net Income: H-25% M-50% L-25% Stations: 5 C K P 0

#### Performance Plus

2 Faneuil Hall Marketplace 4th fl., South Bldg. Boston, MA 02109 Ph. 508-872-1287 Fax 508-879-7108 E-mail: info@performanceplusboston.com www.performanceplusboston.com Shirley Shames, President Income: H-60% M-30% L-10% Stations: 10 C K P

#### **Performance Plus**

Meadow Glen Mall 3850 Mystic Valley Pkwy., Rte. 16 Medford, MA 02155 Ph. 508-872-1287 Fax 508-879-7108 E-mail: info@performanceplusboston.com www.performanceplusboston.com Shirley Shames, President Income: H-30% M-60% L-10% Stations: 10 C K P

#### Performance Plus

Westgate Mall 200 Westgate Dr., Suite 23 Brockton, MA 02301 Ph. 508-872-1287 Fax 508-879-7108 E-mail: info@performanceplusboston.com www.performanceplusboston.com Shirley Shames, President Income: H-10% M-70% L-20% Stations: 10 C K P

#### Quick Test/Heakin

Watertown Mall 550 Arsenal St. Watertown, MA 02472 Ph. 617-924-8486 Fax 617-923-0261 E-mail: info@quicktest.com www.quicktest.com Bonnie MacDonald, Manager Income: H-20% M-50% Stations: 9 C K P 0

## Springfield

#### **Friedman Marketing Services**

Consumer Opinion Center Eastfield Mall 1655 Boston Rd. Springfield, MA 01129 Ph. 413-543-8515 or 914-698-9591 Fax 413-543-8430 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Joan Gevry Income: H-30% M-50% L-20% Stations: 6 C K P 0

## Michigan

### Detroit

#### Car-Lene Research, Inc.

Frenchtown Square Mall 2121 N. Monroe, Unit 620 Monroe, MI 48162 Ph. 734-241-0489 Fax 734-241-3268 E-mail: detroit@carleneresearch.com www.carleneresearch.com Joy Sanredli, Manager Income: H-34% M-55% L-11% Stations: 6 C K P 0

#### **Crimmins & Forman Market Research**

Consumer Research Center Westland Mall, #210 35000 W. Warren Rd. Westland, MI 48185 Ph. 734-513-5040 Fax 734-513-8966 www.crimminsandforman.com Sue Ketchum, Manager Income: H-35% M-45% L-20% Stations: 10 C K P O

#### **Crimmins & Forman Market Research**

Detroit Marketing Wonderland Mall 29755 Plymouth Rd. Livonia, MI 48150 Ph. 734-427-5360 Fax 734-427-5250 www.crimminsandforman.com Paula Crimmins, Partner Income: H-25% M-45% L-30% Stations: 7 C K P

#### Cunningham Field & Research Service

Great Lakes Crossing 4144 Baldwin Rd., Suite 419 Auburn Hills, MI 48326 Ph. 386-677-5644 Fax 386-677-5534 E-mail: detr@cunninghamresearch.com www.cunninghamresearch.com Income: H-25% M-50% L-25% Stations: 6 C K P O

#### **Friedman Marketing Services**

Consumer Opinion Center Oakland Mall 350-B. W. 14 Mile Rd. Troy, MI 48083 Ph. 248-589-0950 or 914-698-9591 Fax 248-589-0271 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Jason Rodgers Income: H-30% M-50% L-20% Stations: 15 C K P O

#### **Quick Test/Heakin**

Macomb Mall 32441 Gratiot, Suite 440 Roseville, MI 48066 Ph. 586-294-3232 Fax 586-294-3759 E-mail: info@quicktest.com www.quicktest.com Diana Chalou, Manager Income: H-31% M-41% L-28% Stations: 8 CKPO

#### **Quick Test/Heakin**

Southland Center Mall 23000 Eureka Rd. Taylor, MI 48180 Ph. 734-287-3600 Fax 734-287-3840 E-mail: info@guicktest.com www.quicktest.com Jeannie Young, Manager Income: H-25% M-50% L-25% Stations: 11 CKPO

#### Barnes Research, Inc.

**Rogers** Plaza 1004 Rogers Plaza Dr. Wyoming, MI 49509 Ph. 616-363-7643 Fax 616-363-8227 E-mail: bids@barnesresearch.com Della Welch, Vice President Income: H-25% M-50% L-25% Stations: 10 CKP

## Minnesota

## Duluth

Bryles Research, Inc. Miller Hill Mall 1600 Miller Trunk Hwy. Duluth, MN 55811 Ph. 218-722-9274 Fax 218-722-9327 E-mail: bids@brylesresearch.com www.brylesresearch.com Denise Jerome Income: H-10% M-70% L-20% CKPO Stations: 12

## Minneapolis/St. Paul

#### Car-Lene Research, Inc.

Brookdale Center 1269 Brookdale Brooklyn Center, MN 55430 Ph. 763-585-1858 Fax 763-585-1859 E-mail: minbrookdale@carleneresearch.com www.carleneresearch.com Jaime Rodriguez, Manager Income: H-35% M-30% L-35% Stations: 6 CKPO

#### Car-Lene Research, Inc.

Southdale Mall 940 Southdale Center Edina, MN 55435 Ph. 952-922-1444 Fax 952-922-1999 E-mail: minsouthdale@carleneresearch.com www.carleneresearch.com David Wilson, Manager M-25% L-40% Income: H-35% CKPO Stations: 6

#### **Cunningham Field & Research Service**

Maplewood Mall 3001 White Bear Ave N., Suite 2013 Maplewood, MN 55109 Ph. 386-677-5644 Fax 386-677-5534 E-mail: MINM@cunninghamresearch.com www.cunninghamresearch.com Income: H-40% M-40% L-20% Stations: 4 CKPO

#### **Cunningham Field & Research Service**

Northtown Mall 310 Northtown Dr. Blaine, MN 55434 Ph. 386-677-5644 Fax 386-677-5534 E-mail: minn@cunninghamresearch.com www.cunninghamresearch.com Susan Hoffman, Manager Income: H-20% M-80% L-0% Stations: 4 CKPO

#### **Friedman Marketing Services**

Consumer Opinion Center Burnsville Center Mall 1178 Burnsville Center, Suite 25 Burnsville, MN 55306 Ph. 952-892-5383 or 914-698-9591 Fax 612-898-2940 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com **Michelle Jenkins** Income: H-50% M-40% L-10% Stations: 8 CKPO

#### Quick Test/Heakin

Mall of America 300 E. Broadway Bloomington, MN 55425 Ph. 952-854-3535 Fax 952-854-4375 E-mail: info@guicktest.com www.quicktest.com Elena Johnson, Manager Income: H-25% M-50% L-25% Stations: 14

CKPO

#### **Quick Test/Heakin**

**Ridgedale Mall** 12745 Wayzata Blvd. Minnetonka, MN 55305 Ph. 952-512-3838 Fax 952-512-0011 E-mail: info@quicktest.com www.guicktest.com Ersula Myers-Jeff, Manager M-40% 1-30% Income: H-30% Stations: 10 CKPO

## Mississippi

## Jackson

#### Friedman Marketing Services

Jackson Opinion Center Metrocenter Mall, 1275 Metrocenter Highway 80 and Robinson Rd. Jackson, MS 39209 Ph. 601-352-9340 or 914-698-9591 Fax 601-355-3530 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com **Ruth Davis** M-60% Income: H-20% 1-20% Stations: 13 CKPO

## Missouri

## **Kansas City**

#### C & C Market Research. Inc.

Metro North Mall 400 N.W. Barry Rd., Suite 143 Kansas City, MO 64155 Ph. 479-785-5637 or 816-436-9545 Fax 479-785-5645 E-mail: craig@ccmarketresearch.com www.ccmarketresearch.com Craig Cunningham, President Income: H-35% M-55% L-10% Stations: 5 CKPO

#### Car-Lene Research, Inc.

**Bannister Mall** 5600 E. Bannister Mall. Store #34 Kansas City, MO 64137 Ph. 816-767-8300 Fax 816-761-0100 E-mail: kansascity@carleneresearch.com www.carleneresearch.com Income: H-25% M-40% L-35% Stations: 4 CKPO

#### Quick Test/Heakin

1026 Independence Center Independence, MO 64057 Ph. 816-795-0706 Fax 816-795-1416 E-mail: info@guicktest.com www.quicktest.com Carmon Harshberger, Manager Income: H-23% M-48% L-29% Stations: 10 CKPO

#### **Ouick Test/Heakin**

The Great Mall of the Great Plains 20383 W. 151st St. Olathe, KS 66061 Ph. 913-782-5110 Fax 913-782-5506 E-mail: info@quicktest.com www.quicktest.com Debbie Culver, Manager Income: H-30% M-40% L-30% Stations: 9 CKO

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#### CODES

Income H - est. percentage of mall customers in high-income bracket (+\$60,000) M - middle-income (\$30,000-\$60,000) L - low-income (under \$30,000)

Stations - number of interviewing stations

Facility features C - computer-aided stations K - kitchen facilities P - private display room O - one-way mirror for viewing of stations

NA - information not available

## St. Louis

#### C & C Market Research, Inc.

Alton Square Mall 203 B Alton Square Alton, IL 62002 Ph. 479-785-5637 Fax 479-785-5645 E-mail: craig@ccmarketresearch.com www.ccmarketresearch.com Income: NA Stations: 5 C K P O

#### Car-Lene Research, Inc.

South County Mall Hwy. 55 & Lindbergh Blvd. St. Louis, MO 63129 Ph. 314-845-2002 Fax 314-845-6254 E-mail: stlouissc@carleneresearch.com www.carleneresearch.com Marie Sykes, Manager Income: H-30% M-30% L-40% Stations: 4 C K P O

#### Cunningham Field & Research Service

St. Claire Square Mall 134 St. Claire Square, #125 Fairview Heights, IL 62208 Ph. 386-677-5644 Fax 386-677-5534 E-mail: STLO@cunninghamresearch.com www.cunninghamresearch.com Income: H-30% M-40% L-30% Stations: 5 C K P O

#### Friedman Marketing Services

Consumer Opinion Center Mid River Mall #1720 St. Peters, MO 63376 Ph. 636-278-3821 or 914-698-9591 Fax 636-278-8213 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Angie Maxey Income: H-25% M-50% L-25% Stations: 10 C K P

#### Barbara Nolan Market Research

338 Jamestown Mall Florissant, MO 63034 Ph. 800-240-6119 Fax 407-629-7633 E-mail: BNMR164@attglobal.net Income: H-25% M-50% L-25% Stations: 10 C K P O

#### Quick Test/Heakin

505 Northwest Plaza St. Louis, MO 63074 Ph. 314-291-8888 Fax 314-291-8581 E-mail: info@quicktest.com www.quicktest.com Becky Ross, Manager Income: H-2% M-55% L-43% Stations: 10 C K P O

#### Superior Surveys of St. Louis, Inc.

208 Crestwood Plaza St. Louis, MO 63126 Ph. 314-918-7460 Fax 314-692-2427 E-mail: SURVEYS4U@aol.com Carol McGill, Partner Income: H-60% M-30% L-10% Stations: 10 C K P O

## Springfield

#### Bryles Research, Inc.

227 Battlefield Mall Springfield, MO 65804 Ph. 417-887-1035 Fax 417-887-0209 E-mail: bids@brylesresearch.com www.brylesresearch.com Jay Gillispie, Supervisor Income: H-10% M-80% L-10% Stations: 12 C K P O

## Nebraska

## Omaha

#### C & C Market Research, Inc.

Westroads Shopping Mall 10000 California St., #2100 Omaha, NE 68114 Ph. 479-785-5637 Fax 479-785-5645 E-mail: craig@ccmarketresearch.com www.ccmarketresearch.com Income: NA Stations: 6 C K P 0

#### Cunningham Field & Research Service

Crossroads Mall 7400 Dodge St., Suite B-2 Omaha, NE 68114 Ph. 386-677-5644 Fax 386-677-5534 E-mail: omah@cunninghamresearch.com www.cunninghamresearch.com Income: H-30% M-45% L-25% Stations: 6 C K P O

#### Midwest Survey & Research

Mall of the Bluffs 1751 Madison Ave., Suite 708 Council Bluffs, IA 51503 Ph. 712-323-1438 Fax 712-323-1438 E-mail: mall@mwsurvey.com www.mwsurvey.com Elaine Bosilevac, Vice President Income: H-25% M-30% L-45% Stations: 9 C K P 0

## Nevada

## Las Vegas

Cunningham Field & Research Service The Galleria at Sunset 1300 W. Sunset Rd., Suite 1324 Henderson, NV 89014 Ph. 386-677-5644 Fax 386-677-5534 E-mail: LASV@cunninghamresearch.com www.cunninghamresearch.com Income: H-30% M-60% L-10% Stations: 7 C K P O

## **New Hampshire**

## Concord

Cunningham Field & Research Service Steeplegate Mall 270 Loudon Rd., Suite 1164 Concord, NH 03301 Ph. 386-677-5644 Fax 386-677-5534 E-mail: CONC@cunninghamresearch.com www.cunninghamresearch.com Income: H-20% M-60% L-20% Stations: 5 C K P 0

## **New Jersey**

## **Northern New Jersey**

Car-Lene Research, Inc. Bergen Mall Rte. 4 Paramus, NJ 07652 Ph. 201-845-5600 Fax 201-845-6201 E-mail: nyparamus@carleneresearch.com www.carleneresearch.com Nina Velella, Manager Income: H-20% M-45% L-35% Stations: 5 C K P 0

#### Car-Lene Research, Inc.

Moorestown Mall Rte. 38 & Lenola Moorestown, NJ 08057 Ph. 856-231-0600 Fax 856-231-9575 E-mail: philm@carleneresearch.com www.carleneresearch.com Evan Celwyn, Manager Income: H-35% M-31% L-34% Stations: 4 C K P 0

#### **Consumer Pulse of New York**

One Garden State Plaza, #1170 Paramus, NJ 07652 Ph. 201-909-0144 or 800-336-0159 Fax 201-909-9877 E-mail: newyork@consumerpulse.com www.consumerpulse.com Liz Ellingsen, Director Income: H-40% M-45% L-15% Stations: 13 C K P 0

#### **Consumer Reaction Research**

Focus World International, Inc. Brunswick Square Mall Rte. 18 East Brunswick, NJ Ph. 732-946-0100 Fax 732-946-0107 E-mail: focusworld@att.net www.focusworldint.com Gary Eichenholtz, CEO/CFO Income: H-50% M-40% L-10% Stations: 8 C K P

#### **Cunningham Field & Research Service**

Raceway Mall 3710 Rte. 9, Suite 238A Freehold, NJ 07728 Ph. 386-677-5644 Fax 386-677-5534 E-mail: FREE@cunninghamresearch.com www.cunninghamresearch.com Income: H-50% M-40% L-10% Stations: 6 C K P 0

#### Ebony Marketing Research, Inc.

Newport Shopping Mall 30 Mall Dr. W. Jersey City, NJ 07310 Ph. 718-217-0842 Fax 718-320-3996 E-mail: emr@interport.net www.ebonymktg.com Income: H-10% M-90% L-0% Stations: 8 C P 0

#### Mid-America Research

Livingston Mall 131 Livingston Mall Livingston, NJ 07039 Ph. 973-740-1566 or 847-392-0800 Fax 973-740-0569 E-mail: livingston@midamr.com www.midamr.com Marc Brandon, Manager Income: H-15% M-80% L-5% Stations: 12 C K P 0

#### Barbara Nolan Market Research

Menlo Park Mall 55 Parsonage Rd., Space 2310 Edison, NJ 08837 Ph. 800-240-6119 Fax 407-629-7633 E-mail: BNMR138@attglobal.net Income: H-60% M-30% L-10% Stations: 5 C K P 0

#### Northeast Data

High Income Mall Testing & Group Focus Facility Wayne Towne Center, Rte. 23 S. Wayne, NJ 07470 Ph. 973-785-4449 Fax 973-785-3679 E-mail: info@northeastdata.net www.northeastdata.net Paul Schwartz, President Income: H-70% M-25% L-5% Stations: 8 C K P O

#### Quick Test/Heakin

Woodbridge Center 195 Woodbridge Center Dr., Suite 195 Woodbridge, NJ 07095 Ph. 732-326-9779 Fax 732-326-9646 E-mail: info@quicktest.com www.quicktest.com Shannon Braun, Manager Income: H-45% M-35% L-20% Stations: 12 C K P 0

#### Suburban Associates

Monmouth Mall 1230 Monmouth Mall - Rte. 35 Eatontown, NJ 07724 Ph. 732-542-5554 Fax 732-389-3921 E-mail: monmouth@subassoc.com www.subassoc.com Brenda Davis, Manager Income: H-10% Stations: 8 C K P 0

#### Suburban Associates

Willowbrook Mall 1230 Willowbrook Mall - Rte. 46 Wayne, NJ 07470 Ph. 973-785-0770 Fax 973-785-0771 E-mail: willowbrook@subassoc.com www.subassoc.com Cindy Conklin, Manager Income: H-25% M-55% L-20% Stations: 10 C K P 0

## **New Mexico**

## Albuquerque

#### Car-Lene Research, Inc.

Coronado Center 6600 Menaul Blvd. N.E., Suite K8 Albuquerque, NM 87110 Ph. 505-889-3070 Fax 505-889-3071 E-mail: albuquerque@carleneresearch.com www.carleneresearch.com Scott Solis, Manager Income: H-34% M-36% L-30% Stations: 6 C K P O

#### Barbara Nolan Market Research

Cottonwood Mall 10000 Coors Bypass N.W., Space D201 Albuquerque, NM 87114 Ph. 800-240-6119 Fax 407-629-7633 E-mail: BNMR147@attglobal.net Income: H-25% M-50% L-25% Stations: 8 C K P 0

## Santa Fe

Quick Test/Heakin Villa Linda Mall 1124 Villa Linda Mall Santa Fe, NM 87505 Ph. 505-471-1699 Fax 505-438-3846 E-mail: info@quicktest.com www.quicktest.com Leah Leyendecker, Manager Income: H-20% M-50% L-30% Stations: 7 C K P 0

## **New York**

## Albany

#### Barbara Nolan Market Research

 Rotterdam Square Mall

 93 W. Campbell Rd.

 Schenectady, NY 12306

 Ph. 800-240-6119

 Fax 407-629-7633

 E-mail: BNMR155@attglobal.net

 Income: H-25%
 M-50%

 L-25%

 Stations: 5
 C K P 0

#### Barbara Nolan Market Research

Wilton Mall 3065 Rte. 50 Saratoga Springs, NY 12866 Ph. 800-240-6119 Fax 407-629-7633 E-mail: BNMR157@attglobal.net Income: H-50% M-40% L-10% Stations: 6 C K P 0

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#### CODES

#### Income H - est. percentage of mall customers in high-income bracket (+\$60,000) M - middle-income (\$30,000-\$60,000) L - low-income (under \$30,000)

Stations - number of interviewing stations

#### Facility features

C - computer-aided stations K - kitchen facilities P - private display room O - one-way mirror for viewing of stations

NA - information not available

#### Quick Test/Heakin

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Crossgates Mall		
1 Crossgates Mall F	Rd.	
Albany, NY 12203		
Ph. 518-456-8641		
Fax 518-456-8642		
E-mail: info@guickt	test.com	
www.quicktest.com	1	
Pat Figler, Manager		
Income: H-25%	M-50%	L-25%
Stations: 6	CKPO	
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## **Buffalo**

Buffalo Survey & Research, Inc.McKinley Mall3701 McKinley Pkwy., Unit 124Blasdell, NY 14219-2684Ph. 716-822-3250Fax 716-822-9691E-mail: buffalosur@aol.comDavid Levin, Vice PresidentIncome: H-15%M-75%L-10%Stations: 8C K P O

#### **Ruth Diamond Market Research Services**

 Boulevard Mall

 770 Alberta Dr.

 Buffalo, NY 14226

 Ph. 716-836-1110 or 716-836-1111

 Fax 716-836-1114

 E-mail: RDMKTRSCH@aol.com

 Harvey Podolsky, President

 Income: H-24%
 M-45%

 L-31%

 Stations: 6
 C K P O

#### Opinions, Ltd.

Chautauqua Mall 318 E. Fairmount Ave., Suite 404 Lakewood, NY 14750 Ph. 440-893-0300 Fax 716-763-9278 E-mail: mark@whereopinionscount.com www.whereopinionscount.com Mark Kikel, Owner Income: H-25% M-50% L-25% Stations: 7 C K

#### Marion Simon Research Service, Inc.

C-103 Walden Galleria Buffalo, NY 14225 Ph. 716-684-8025 Fax 716-684-3009 E-mail: msrrochester@aol.com Sharon Leidy, Mall Manager Income: H-35% M-35% L-30% Stations: 3 C K P O

#### Survey Service, Inc.

Eastern Hills Mall 4545 Transit Rd. Williamsville, NY 14221 Ph. 716-876-6450 Fax 716-876-0430 E-mail: sservice@surveyservice.com www.surveyservice.com Susan Adelman, President Income: H-25% M-50% L-25% Stations: 8 C K P O

## New York City

#### (See also Northern New Jersey)

#### Answers to Questions, Inc.

South Shore Mall 1701 Sunrise Hwy. Bay Shore, NY 11706 Ph. 631-666-9705 Fax 631-666-4596 E-mail: mary.garofalo@verizon.net www.atoq.com Mary Garofaldo, Managing Director Income: H-20% M-60% L-20% Stations: 7 C K P O

#### Ebony Marketing Research, Inc.

2100 Bartow Ave., Suite 243 Bronx, NY 10475 Ph. 718-217-0842 or 718-320-3220 Fax 718-320-3996 E-mail: emr@interport.net www.ebonymktg.com/ Income: H-5% M-95% L-0% Stations: 8 C K P 0

#### Ebony Marketing Research, Inc.

173-14 Warwick Crescent Jamaica, NY 11432 Ph. 718-526-3204 Fax 718-526-3312 E-mail: ebonymktg@yahoo.com www.ebonymktg.com Income: H-0% M-55% L-45% Stations: 6 C K

#### Friedman Marketing Services

Consumer Opinion Center Smith Haven Mall 313 Smith Haven Mall, Sears Wing, Space E-11C Lake Grove, NY 11755 Ph. 631-366-6325 or 914-698-9591 Fax 631-366-6331 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Josh Malone Income: H-40% M-40% L-20% Stations: 6 C K O

#### Friedman Marketing Services

Consumer Opinion Center The Galleria at White Plains 100 Main St., Fashion Level 1, Suite 301 White Plains, NY 10601 Ph. 914-328-2447 or 914-698-9591 Fax 914-328-2977 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Jon Erickson Income: H-25% M-50% L-25% Stations: 6 C K P 0

#### J & R Field Services, Inc.

Attias Mart 5750 Sunrise Hwy. Sayville, NY 11782 Ph. 631-244-0475 Fax 631-244-0839 E-mail: jrfield@aol.com www.jrfield.com Patricia Bryant Income: H-15% M-65% L-20% Stations: 4 C P

#### J & R Field Services, Inc.

East Meadow Mall 1917 Front St. East Meadow, NY 11554 Ph. 516-542-0081 Fax 516-542-6314 E-mail: jrfield@aol.com www.jrfield.com Robin Vega Income: H-10% M-55% L-35% Stations: 6 C P

#### **Primary Data Collection Services**

 1063 Green Acres Mall

 Valley Stream, NY 11581

 Ph. 516-561-1723

 Fax 516-561-2523

 E-mail: primarydta1@aol.com

 Tom Champion, President

 Income: H-20%
 M-65%

 L-15%

 Stations: 8
 C P 0

#### Quick Test/Heakin

Kings Plaza Mall 5422 Kings Plaza Brooklyn, NY 11234 Ph. 718-338-3388 Fax 718-692-4365 E-mail: info@quicktest.com www.quicktest.com Kelly Devlin, Manager Income: H-20% M-45% L-35% Stations: 15 C K P

#### **Quick Test/Heakin**

Sunrise Mall 855 Sunrise Mall Massapequa, NY 11758 Ph. 516-541-5100 Fax 516-541-1099 E-mail: info@quicktest.com www.quicktest.com Sue Savin, Manager Income: H-15% M-80% L-5% Stations: 12 C K P O

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#### **Audrey Schiller Market Research**

385 Spruce Lane East Meadow, NY 11554 Ph. 516-489-7431 Fax 516-489-7842 E-mail: aschiller1@aol.com Audrey Schiller, President Income: H-35% M-50% L-15% Stations: 8 CKPO

#### Seaport Surveys

Financial Focus, Inc. 135 William St., 5th fl. New York, NY 10038 Ph. 212-608-3100 or 800-347-2662 Fax 212-608-4966 E-mail: Seaportand@aol.com www.seaportsurveys.com Andrea Waller, President M-40% L-20% Income: H-40% Stations: 10

CKPO

## Poughkeepsie

#### **Barbara Nolan Market Research**

Poughkeepsie Galleria 790 South Road, Space 282 Poughkeepsie, NY 12601 Ph. 800-240-6119 Fax 407-629-7633 E-mail: BNMR176@attglobal.net Income: H-50% M-30% L-20% Stations: 6 CKPO

## **Rochester**

Car-Lene Research, Inc. Greece Ridge Center Mall 150 Greece Ridge Center Dr. Rochester, NY 14626 Ph. 716-225-3100 Fax 716-225-2834 E-mail: rochgreece@carleneresearch.com www.carleneresearch.com Barry Rudner, Manager Income: H-19% M-39% L-42% CKPO Stations: 6

#### Car-Lene Research, Inc.

Irondequoit Mall 54 Irondequoit Dr. Rochester, NY 14622 Ph. 716-342-7630 Fax 716-342-9047 E-mail: rochiron@carleneresearch.com www.carleneresearch.com Helen Elliot, Manager M-39% L-28% Income: H-33% Stations: 3 CKPO

#### Car-Lene Research, Inc.

Market Place Mall 301 - Miracle Mile Dr. Rochester, NY 14623 Ph. 716-424-3203 Fax 716-292-0523 E-mail: rochmarket@carleneresearch.com www.carleneresearch.com Barbi White, Manager L-31% Income: H-32% M-37% Stations: 6 CKPO

## Syracuse

#### **Cunningham Field & Research Service**

**Fastview Mall** 602 Eastview Mall Victor, NY 14564 Ph. 386-677-5644 Fax 386-677-5534 E-mail: ROCH@cunninghamresearch.com www.cunninghamresearch.com Income: H-35% M-45% L-20% Stations: 5 CKPO

#### Lavalle Research

Carousel Center Mall 9763 Carousel Center Dr. Syracuse, NY 13290-9763 Ph. 315-466-1609 Fax 315-466-7101 Maureen Colson, Manager L-15% Income: H-20% M-65% Stations: 8 CKPO

#### **McCarthy Associates**

Carousel Mall 9763 Carousel Center Dr. Svracuse, NY 13290 Ph. 315-431-0660 Fax 315-431-0672 E-mail: mccarthyfield@cs.com John McCarthy, President Income: H-33% M-34% L-33% Stations: 7 CKPO

#### Q/A Research, Inc.

Shoppingtown Mall 3649 Erie Blvd, E. Dewitt, NY 13214 Ph. 315-446-0011 Fax 315-446-0428 Jean Queri, President Income: H-30% M-60% L-10% Stations: 7 CKP

## **North Carolina**

## Asheville

#### **Cunningham Field & Research Service** Ashville Mall 3 S. Tunnel Rd., Suite L-34 Asheville, NC 28805 Ph. 386-677-5644 Fax 386-677-5534 E-mail: ASHE@cunninghamresearch.com www.cunninghamresearch.com Income: H-20% M-50% L-30% Stations: 6 CKPO

#### South East Market Research

800 Brevard Rd., Suite 516 Asheville, NC 28806 Ph. 865-546-7678 Fax 865-546-7684 E-mail: vphilips@bellsouth.net Vicki Phillips, Dir. Marketing Research Income: H-40% M-30% L-30% Stations: 6 CKP

## Charlotte

#### Car-Lene Research, Inc.

Concord Mills Mall 8111-677 Concord Mills Blvd. Concord, NC 28027 Ph. 704-979-1660 Fax 704-979-1663 E-mail: charlotte@carleneresearch.com www.carleneresearch.com Tori Dryburgh, Manager Income: H-38% M-48% L-14% Stations: 6 CKPO

#### **Consumer Pulse of Charlotte**

Eastland Mall 5625 Central Ave. Charlotte, NC 28212 Ph. 704-536-6067 or 800-336-0159 Fax 704-536-2238 E-mail: charlotte@consumerpulse.com www.consumerpulse.com Daniel Bashaw, Manager M-60% Income: H-20% L-20% Stations: 7 CKPO

#### **Cunningham Field & Research Service**

Carolina Place 11025 Carolina Place Pkwy., Suite D32A Pineville, NC 28134 Ph. 386-677-5644 Fax 386-677-5534 E-mail: chap@cunninghamresearch.com www.cunninghamresearch.com Income: H-45% M-35% L-20% Stations: 5 CKPO

#### **Cunningham Field & Research Service**

Eastridge Mall 246 N. New Hope Rd., Suite E-120 Gastonia, NC 28054 Ph. 386-677-5644 Fax 386-677-5534 E-mail: CHAR@cunninghamresearch.com www.cunninghamresearch.com Income: H-30% M-50% L-10% Stations: 6 CKPO

## Greensboro/ Winston-Salem

#### Homer Market Research Associates, Inc.

333 Four Seasons Town Centre Greensboro, NC 27407 Ph. 336-294-9415 Fax 336-294-6116 E-mail: homermktresearch@msn.com www.homer-research.com Jan Homer, Exec. Vice President Income: H-25% L-30% M-45% Stations: 10 CKPO

# DIRECTORY FACILITIES RESEARCH 2002 MALL

#### CODES

#### Income

H - est. percentage of mall customers in high-income bracket (+\$60,000) M - middle-income (\$30,000-\$60,000) L - low-income (under \$30,000)

Stations - number of interviewing stations

#### Facility features

C - computer-aided stations K - kitchen facilities P - private display room O - one-way mirror for viewing of stations

#### NA - information not available

#### W.H. Long Marketing, Inc.

Golden Gate Shopping Center 2250 Golden Gate Dr. Greensboro, NC 27408 Ph. 336-292-4146 Fax 336-299-6165 Ruth Long, President Income: H-33% M-34% L-33% Stations: 8 C K P O

#### Quick Test/Heakin

Oak Hollow Mall 921 Eastchester Dr., Suite 1130 High Point, NC 27262 Ph. 336-882-1176 Fax 336-882-1664 E-mail: info@quicktest.com www.quicktest.com Lisa Haggett, Manager Income: H-20% M-40% L-20% Stations: 4 C K O

## **Raleigh/Durham**

#### Cunningham Field & Research Service

Cary Towne Center 1105 Walnut St., Suite E103A Cary, NC 27511 Ph. 386-677-5644 Fax 386-677-5534 E-mail: RALE@cunninghamresearch.com www.cunninghamresearch.com Income: H-30% M-60% L-10% Stations: 6 C K P 0

#### North American Insights - Raleigh/Durham

 The Streets at Southpoint

 6910 Fayetteville Rd., Suite 101

 Durham, NC 27713

 Ph. 708-747-1100 ext. 11

 Fax 708-747-4883

 E-mail: sandyl@nainsights.com

 Income: H-31%
 M-45%

 L-24%

 Stations: 12
 C K P O

## Ohio

## Akron

#### Cunningham Field & Research Service

Chapel Hill Mall 2000 Brittain Rd., Suite 465 Akron, OH 44310 Ph. 386-677-5644 Fax 386-677-5534 E-mail: AKRO@cunninghamresearch.com www.cunninghamresearch.com Income: H-20% M-70% L-10% Stations: 6 C K P O

#### Opinions, Ltd.

Summit Mall 3265 W. Market St., #402 Fairlawn, OH 44333 Ph. 440-893-0300 Fax 330-864-8929 E-mail: info@whereopinionscount.com www.whereopinionscount.com Mike Kikel Income: H-45% M-40% L-15% Stations: 9 C K P

#### Quick Test/Heakin

Rolling Acres Mall 2400 Romig Rd. Akron, OH 44320 Ph. 330-745-8883 Fax 330-745-7881 E-mail: info@quicktest.com www.quicktest.com Debbie Moore, Manager Income: H-10% M-70% L-20% Stations: 6 C K

## Cincinnati

#### B & B Research Services, Inc.

Eastgate Mall 4601 Eastgate Ave. Cincinnati, OH 45245 Ph. 513-753-4111 Fax 513-753-6194 E-mail: bbresearchserv@aol.com Bonnie Fumarola, Project Director Income: H-20% M-60% L-20% Stations: 8 C K P O

#### Car-Lene Research, Inc.

Forest Fair Mall 514 Forest Fair Dr., Space #2042 Cincinnati, OH 45240 Ph. 513-671-0696 Fax 513-671-1851 E-mail: cincinnati@carleneresearch.com www.carleneresearch.com Kelly Scharding, Manager Income: H-36% M-48% L-16% Stations: 5 C K P O

#### **Consumer Pulse of Cincinnati**

Northgate Mall 9663A Colerain Ave. Cincinnati, OH 45251 Ph. 513-385-8228 or 800-336-0159 Fax 513-385-2140 E-mail: cincinnati@consumerpulse.com www.consumerpulse.com Phil Brantley, Manager Income: H-30% M-50% L-20% Stations: 8 C K P

#### Cunningham Field & Research Service

Tri County Mall 11700 Princeton Rd., Suite E-207 Cincinnati, OH 45246 Ph. 386-677-5644 Fax 386-677-5534 E-mail: CINC@cunninghamresearch.com www.cunninghamresearch.com Income: H-40% M-40% L-20% Stations: 5 C K P 0

#### Quick Test/Heakin

Florence Mall 1150 Florence Mall Florence, KY 41042 Ph. 859-282-1333 Fax 859-282-6333 E-mail: info@quicktest.com www.quicktest.com Anita Noel, Manager Income: H-30% M-40% L-30% Stations: NA K P 0

## Cleveland

#### Car-Lene Research, Inc.

Great Northern Mall 924 Great Northern Mall North Olmsted, OH 44070 Ph. 440-979-0200 Fax 440-979-1163 E-mail: cleveland@carleneresearch.com www.carleneresearch.com Christine Readence, Manager Income: H-32% M-31% L-37% Stations: 5 C K P 0

#### **Cunningham Field & Research Service**

The Avenue @ Tower City 230 W. Huron Rd., Suite 72-92 Cleveland, OH 44113 Ph. 386-677-5644 Fax 386-677-5534 E-mail: clev@cunninghamresearch.com www.cunninghamresearch.com Income: H-35% M-30% L-35% Stations: 6

#### **OPINIONation**

4301 Ridge Rd. Cleveland, OH 44144 Ph. 216-351-4644 Fax 216-351-7876 E-mail: ron@opinionation.com www.opinionation.com Eric Silver, Operations Manager Income: H-20% M-70% L-10% Stations: 8 C K P

#### Opinions, Ltd.

Sandusky Mall 4314 Milan Rd., #340 Sandusky, OH 44870 Ph. 440-893-0300 Fax 419-626-4798 E-mail: info@whereopinionscount.com www.whereopinionscount.com Mark Kikel, Owner Income: H-17% M-62% L-21% Stations: 7 C

#### Questions. Inc.

Great Lakes Mall 7850 Mentor Rd. Mentor, OH 44060 Ph. 440-255-9940 Fax 440-974-0001 E-mail: guestionsinc@aol.com Ron Weingarten, President M-60% L-20% Income: H-20% Stations: 7 CK

#### **Quick Test/Heakin**

**Richmond Town Square** 691 Richmond Rd. Richmond Heights, OH 44143 Ph. 440-473-1000 Fax 440-442-1205 E-mail: info@quicktest.com www.quicktest.com Cheryl Ripley, Manager L-20% M-52% Income: H-28% Stations: 10

CKPO

## Toledo

#### **Barbara Nolan Market Research**

Franklin Park Mall 5001 Monroe St., Suite 2005 Toledo, OH 43623 Ph. 800-240-6119 Fax 407-629-7633 E-mail: BNMR167@attglobal.net Income: H-25% M-50% L-25% Stations: 6 CKPO

## Youngstown

#### **McCarthy Associates**

Eastwood Mall, Unit #911 5555 Rte. #422 Niles, OH 44446 Ph. 315-431-0660 Fax 315-431-0672 E-mail: mccarthyfield@cs.com John McCarthy, President Income: H-30% M-50% L-20% Stations: 6 CKP

#### Opinions, Ltd.

Southern Park Mall 7401 Market St., #869 Boardman, OH 44512 Ph. 440-893-0300 Fax 330-965-1192 E-mail: info@whereopinionscount.com www.whereopinionscount.com Mark Kikel, Owner Income: H-24% M-57% 1-19% Stations: 10 CKP

## Oklahoma

## **Oklahoma City**

#### C & C Market Research, Inc.

Central Mall 200 "C" Ave., #109 Lawton, OK 73501 Ph. 479-785-5637 Fax 479-785-5645 E-mail: craig@ccmarketresearch.com www.ccmarketresearch.com Craig Cunningham, President Income: H-35% M-55% L-10% Stations: 7 CKPO

#### **Ouick Test/Heakin**

Cross Roads Mall 1153 Cross Roads Mall Oklahoma City, OK 73149 Ph. 405-631-9738 Fax 405-632-0750 E-mail: info@quicktest.com www.quicktest.com Pat Johnson, Manager M-25% L-61% Income: H-4% Stations: 6 CKPO

## Tulsa

#### C & C Market Research, Inc.

Arrowhead Mall 501 N. Main St., Suite 75 Muskogee, OK 74401 Ph. 479-785-5637 Fax 479-785-5645 E-mail: craig@ccmarketresearch.com www.ccmarketresearch.com Craig Cunningham, President Income: H-40% M-45% L-15% Stations: 6 CKPO

#### Car-Lene Research, Inc.

Tulsa Promenade Mall 4107 S. Yale Ave. Tulsa, OK 74135 Ph. 918-663-4410 Fax 918-663-4413 E-mail: tulsa@carleneresearch.com www.carleneresearch.com Lee Pietryk, Manager Income: H-25% M-50% L-25% Stations: 4 CKPO

#### **Cunningham Field & Research Service**

Woodland Hills Mall 7021 S. Memorial, Suite 148 Tulsa, OK 74133 Ph. 386-677-5644 Fax 386-677-5534 E-mail: tulw@cunninghamresearch.com www.cunninghamresearch.com M-35% L-15% Income: H-50% Stations: NA C

## Oregon

## Eugene

#### Quick Test/Heakin

Gateway Mall 3000 Gateway St., #502 Springfield, OR 97477 Ph. 541-747-1333 Fax 541-747-1334 E-mail: info@quicktest.com www.guicktest.com Laurie Kempton, Manager Income: NA Stations: NA

## Portland

#### Consumer Opinion Services, Inc.

1206 Jantzen Beach Center Portland, OR 97217 Ph. 503-240-8159 or 206-241-6050 for bids Fax 503-240-8161 E-mail: jantzen@cosvc.com www.cosvc.com Kelly Ross, Manager Income: H-5% M-50% L-45% Stations: 8 CKP (See advertisement on p. 121)

#### Consumer Opinion Services, Inc.

991 Lloyd Center Portland, OR 97232 Ph. 503-493-2870 or 206-241-6050 for bids Fax 503-281-1017 E-mail: alicia@portlandopinion.com www.cosvc.com Alicia Olson, Manager Income: H-15% M-55% L-30% Stations: 9 CKPO (See advertisement on p. 121)

#### **Consumer Pulse of Portland**

Clackamas Town Center, #2121 12000 S.E. 82nd Ave. Portland, OR 97266 Ph. 503-654-1390 or 800-336-0159 Fax 503-654-1436 E-mail: portland@consumerpulse.com www.consumerpulse.com Vikki Peterson, Manager Income: H-25% M-55% L-20% CKP Stations: 8

#### **Cunningham Field & Research Service**

Llovd Center 906 Lloyd Center, Suite B1108 Portland, OR 97232 Ph. 386-677-5644 Fax 386-677-5534 E-mail: port@cunninghamresearch.com www.cunninghamresearch.com L-40% Income: H-30% M-30% CKPO Stations: 5

#### CODES

#### Income

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H - est. percentage of mall customers in high-income bracket (+\$60,000) M - middle-income (\$30,000-\$60,000) L - low-income (under \$30,000)

Stations - number of interviewing stations

#### Facility features

C - computer-aided stations K - kitchen facilities P - private display room O - one-way mirror for viewing of stations

NA - information not available

## Pennsylvania

## Erie

Moore Research Services, Inc. Millcreek Mall 340 Mill Creek Mall Erie, PA 16565 Ph. 814-868-0873 Fax 814-864-7012 E-mail: colleen@moore-research.com www.moore-research.com Colleen Moore Mezler, President Income: H-28% M-48% L-24% Stations: 8 C K

## Philadelphia

Car-Lene Research, Inc. Echelon Mall 2070 Echelon Mall, Suite 245 Voorhees, NJ 08043-1903 Ph. 856-772-2411 Fax 856-772-2421 E-mail: phile@carleneresearch.com www.carleneresearch.com

Helen Dobkin, Manager Income: H-40% M-50% L-10% Stations: 6 C K P O

Car-Lene Research, Inc. Franklin Mills Mall 1749 Franklin Mills Circle, #159 Philadelphia, PA 19154 Ph. 215-612-8005 Fax 215-612-8006 E-mail: philf@carleneresearch.com www.carleneresearch.com Mickey Kiely, Manager Income: H-25% M-65% L-10% Stations: 5 C K P 0

#### Car-Lene Research, Inc.

Oxford Valley Mall 2300 E. Lincoln Hwy, #108 Langhorne, PA 19047 Ph. 215-750-7202 Fax 215-750-9622 E-mail: philo@carleneresearch.com www.carleneresearch.com Joshua Stillman, Manager Income: H-23% M-65% L-12% Stations: 7 C K P O

#### **Consumer Pulse of Philadelphia**

One Plymouth Meeting Office Center & Plymouth Meeting Mall Plymouth Meeting, PA 19462 Ph. 610-825-6636 or 800-336-0159 Fax 610-825-6805 E-mail: philadelphia@consumerpulse.com www.consumerpulse.com Eleanor Yates, Director Income: H-20% M-60% L-20% Stations: 15 C K P 0

#### Cunningham Field & Research Service

Deptford Mall 1750 Deptford Center Rd., #2D-06 Deptford, NJ 08096 Ph. 386-677-5644 Fax 386-677-5534 E-mail: PHIL@cunninghamresearch.com www.cunninghamresearch.com Income: H-35% M-40% L-25% Stations: 6 C K P 0

#### JRA, J. Reckner Associates, Inc.

Philadelphia - Mall Montgomery Mall, Store 152 North Wales, PA 19454-3909 Ph. 215-362-1060 Fax 215-362-7569 E-mail: akeeley@reckner.com www.reckner.com Alice Keeley, Manager Income: H-48% M-28% L-24% Stations: 15 C K P 0 (See advertisement on p. 11)

#### **JRP Marketing Research Services**

279 Granite Run Mall Media, PA 19063 Ph. 610-565-7821 Fax 610-565-4403 E-mail: jrpmark@jrpmr.com www.jrpmr.com Income: H-30% M-40% L-30% Stations: 10 C K P 0 (See advertisement on p. 51)

#### **Quality in Field**

Leo Mall 11725 Bustleton Ave. Philadelphia, PA 19116 Ph. 215-698-0606 Fax 215-676-4055 E-mail: afrieze828@aol.com Arlene Frieze, President Income: H-20% M-70% L-10% Stations: 4 K

#### Quick Test/Heakin

Cherry Hill Mall Rte. 38 & Haddonfield Rd., Suite 917 Cherry Hill, NJ 08002 Ph. 856-910-1000 Fax 856-910-1010 E-mail: info@quicktest.com www.quicktest.com Lorraine Jones, Manager Income: H-35% M-39% L-26% Stations: 10 C K P 0

#### Quick Test/Heakin

Neshaminy Mall 109 Neshaminy Mall Bensalem, PA 19020 Ph. 215-322-0400 Fax 215-322-5412 E-mail: info@quicktest.com www.quicktest.com Charna Mandell, Manager Income: H-5% M-80% L-15% Stations: 11 C K P O

## Pittsburgh

#### Car-Lene Research, Inc.

Monroeville Mall, Rm. 144 Monroeville, PA 15146 Ph. 412-373-3670 Fax 412-373-5076 E-mail: pittsburg@carleneresearch.com www.carleneresearch.com Kathleen Hanlin, Manager Income: H-15% M-45% L-40% Stations: 7 C K P 0

#### Car-Lene Research, Inc.

South Hills Village 301 S. Hills Village, Space #1380B Pittsburgh, PA 15241 Ph. 412-854-0622 Fax 412-854-0626 E-mail: pittsburghs@carleneresearch.com www.carleneresearch.com Income: H-60% M-30% L-10% Stations: 6 C K P 0

#### Data Information, Inc.

Century III Mall 3075 Clairton Blvd., Suite 934 Pittsburgh, PA 15123 Ph. 412-655-8690 Fax 412-655-8693 E-mail: datainfo@nauticom.net Diane Palyo-Foster, V.P., Mgr. of Operations Income: H-40% M-49% L-11% Stations: 11 C K P 0

#### Noble Interviewing Service, Inc.

North Hills Village Mall 4801 McKnight Rd. Pittsburgh, PA 15237 Ph. 412-343-6455 Fax 412-343-3288 Alma Noble, President Income: H-30% M-40% L-30% Stations: 6 K P O

#### Quick Test/Heakin

Ross Park Mall 1000 Ross Park Mall Rd., Suite A01 Pittsburgh, PA 15237 Ph. 412-369-4545 Fax 412-369-4473 E-mail: info@quicktest.com www.quicktest.com Mary Zandier, Manager Income: H-40% M-48% L-12% Stations: 13 C K P 0

## **Rhode Island**

## Providence

#### Performance Plus

Providence Place Mall 80 Providence Place Providence, RI 02903 Ph. 508-872-1287 Fax 508-879-7108 E-mail: info@performanceplusboston.com www.performanceplusboston.com Shirley Shames, President Income: H-40% M-40% L-20% Stations: 8 C K P 0

## **South Carolina**

## Charleston

#### Quick Test/Heakin

Northwoods Mall E1B Northwoods Mall 2150 Northwoods Blvd. North Charleston, SC 29406 Ph. 843-553-0030 Fax 843-553-0526 E-mail: info@quicktest.com www.quicktest.com Judy Hart, Manager Income: H-5% M-80% L-15% Stations: 7 C K P 0

## Spartanburg

C & C Market Research, Inc.

205 W. Blackstock Rd., #290 Spartanburg, SC 29301 Ph. 479-785-5637 Fax 479-785-5645 E-mail: craig@ccmarketresearch.com www.ccmarketresearch.com Craig Cunningham, President Income: H-50% M-40% L-10% Stations: 8 C K P 0

## Tennessee

## Knoxville

#### South East Market Research

3001 Knoxville Center Dr., Suite 2169 Knoxville, TN 37924 Ph. 865-546-7678 Fax 865-546-7684 E-mail: vphilips@bellsouth.net Vicki Phillips, Dir. Marketing Research Income: H-30% M-40% L-30% Stations: 6 C K P O

## Memphis

#### Friedman Marketing Services

Consumer Opinion Center 4435 Mall of Memphis Ste. 1, Space P-231 Memphis, TN 38118 Ph. 901-368-5449 or 914-698-9591 Fax 901-368-1390 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Rosemarie O'Sullivam Income: H-25% M-50% L-25% Stations: 6 C K P O

#### Friedman Marketing Services

Consumer Opinion Center Raleigh Springs Mall 3423 Raleigh Springs Mall Memphis, TN 38128 Ph. 901-382-9970 or 914-698-9591 Fax 901-382-9929 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Angel Powell Income: H-40% M-40% L-20% Stations: 10 C K O

#### Quick Test/Heakin

Wolfchase Galleria 2760 N. Germantown Pkwy., Suite 102 Memphis, TN 38133 Ph. 901-381-4811 Fax 901-381-4138 E-mail: info@quicktest.com www.quicktest.com Katy Hagen, Manager Income: H-61% M-30% L-9% Stations: 8 C K P 0

## Nashville

#### C & C Market Research, Inc.

Bellvue Center 7620 Hwy. 70 S. Nashville, TN 37221 Ph. 479-785-5637 Fax 479-785-5645 E-mail: craig@ccmarketresearch.com www.ccmarketresearch.com Income: NA Stations: 5 C K P O

#### Car-Lene Research, Inc.

Stones River Mall 1720 Old Fort Parkway Murfreesboro, TN 37129 Ph. 615-907-0037 Fax 615-907-0039 E-mail: nashville@carleneresearch.com www.carleneresearch.com Toni White, Manager Income: H-30% M-45% L-25% Stations: 5 C K P 0

#### Cunningham Field & Research Service

Cool Springs Galleria 1800 Galleria Blvd., Suite 1320 Franklin, TN 37064 Ph. 386-677-5644 Fax 386-677-5534 E-mail: NASH@cunninghamresearch.com www.cunninghamresearch.com Income: H-20% M-80% L-0% Stations: 5 C K P 0

#### Quick Test/Heakin

Hickory Hollow Mall 1123 Hickory Hollow Mall Antioch, TN 37013 Ph. 615-731-0900 Fax 615-731-2022 E-mail: info@quicktest.com www.quicktest.com Kay Alexander, Manager Income: H-25% M-60% L-15% Stations: 7 C K P 0

#### Quick Test/Heakin

Rivergate Mall 1000 Rivergate Pkwy., Suite 2005 Goodlettsville, TN 37072 Ph. 615-859-4484 Fax 615-851-0717 E-mail: info@quicktest.com www.quicktest.com Marilyn Ledbetter, Manager Income: H-20% M-50% Stations: 7 C K P 0

## Texas

## Austin

#### Barbara Nolan Market Research

Lakeline Mall 11200 Lakeline Mall Dr., Space J-1 Cedar Park, TX 78613 Ph. 800-240-6119 Fax 407-629-7633 E-mail: BNMR151@attglobal.net Income: H-25% M-50% L-25% Stations: 6 C K P 0

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#### CODES

#### Income H - est. percentage of mall customers in high-income bracket (+\$60,000) M - middle-income (\$30,000-\$60,000) L - low-income (under \$30,000)

Stations - number of interviewing stations

#### Facility features

C - computer-aided stations K - kitchen facilities P - private display room O - one-way mirror for viewing of stations

#### NA - information not available

#### Quick Test/Heakin

Barton Creek Squar	е	
2901 Capital of Texa	as Hwy., P-9	
Austin, TX 78746		
Ph. 512-327-8787		
Fax 512-327-7460		
E-mail: info@quickt	est.com	
www.quicktest.com	1.	
George De La Rosa	Manager	
Income: H-20%	M-40%	L-40%
Stations: 10		CKPO

## **Corpus Christi**

#### Quick Test/Heakin

Sunrise Mall 5858 S. Padre Island Dr., Suite 37C Corpus Christi, TX 78412 Ph. 361-993-6200 Fax 361-991-7380 E-mail: info@quicktest.com www.quicktest.com Lorna Turner, Manager Income: H-20% M-50% L-30% Stations: 6 C K P 0

## Dallas/Ft. Worth

#### C & C Market Research, Inc.

Valley View Mall 13331 Preston Rd., #1073 Dallas, TX 75240 Ph. 479-785-5637 Fax 479-785-5645 E-mail: craig@ccmarketresearch.com www.ccmarketresearch.com Craig Cunningham, President Income: H-50% M-40% L-10% Stations: 6 C K P O

#### Car-Lene Research, Inc.

Collin Creek Mall 811 N. Central Expwy., Suite 2245 Plano, TX 75075 Ph. 972-424-8587 Fax 972-424-7467 E-mail: dallascc@carleneresearch.com www.carleneresearch.com Mona Hinton, Manager Income: H-60% M-30% L-10% Stations: 6 C K P O

#### Car-Lene Research, Inc.

Grapevine Mills Mall 3000 Grapevine Mills Pkwy., Suite 208 Grapevine, TX 76051 Ph. 972-724-6816 Fax 972-724-6819 E-mail: dallasg@carleneresearch.com www.carleneresearch.com Debbie Middleton, Manager Income: H-53% M-35% L-12% Stations: 6 C K P O

#### Car-Lene Research, Inc.

North Hills Mall 7624 Grapevine Hwy. N., Suite 728 North Richland Hills, TX 76180 Ph. 817-595-3737 Fax 817-595-1988 E-mail: dallasn@carleneresearch.com www.carleneresearch.com Sharon White, Manager Income: H-57% M-31% L-12% Stations: 6 C K P 0

#### Car-Lene Research, Inc.

Richardson Square Mall 501 S. Plano Rd. Richardson, TX 75081 Ph. 972-783-1935 Fax 972-680-3652 E-mail: dallasr@carleneresearch.com www.carleneresearch.com Ruba Jamaluddin, Manager Income: H-50% M-35% L-15% Stations: 5 C K P O

#### Car-Lene Research, Inc.

Six Flags Mall 2911 E. Division, #409A Arlington, TX 76011 Ph. 817-633-6020 Fax 817-633-4460 E-mail: dallasa@carleneresearch.com www.carleneresearch.com Patricia Palmer, Manager Income: H-25% M-55% L-20% Stations: 6 C K P O

#### **Cunningham Field & Research Service**

Stonebriar Center 2601 Preston Rd., Suite 2112 Frisco, TX 75034 Ph. 386-677-5644 Fax 386-677-5534 E-mail: DALL@cunninghamresearch.com www.cunninghamresearch.com Income: H-40% M-40% L-20% Stations: 6 C K P O

#### Quick Test/Heakin

5005 Northeast Mall 1101 Melbourne Rd. Hurst, TX 76053 Ph. 817-595-4195 Fax 817-595-2860 E-mail: info@quicktest.com www.quicktest.com Erika Hough, Manager Income: H-55% M-25% L-20% Stations: 12 C K P O

#### Quick Test/Heakin

Hulen Mall 4800 S. Hulen, #101 Fort Worth, TX 76132 Ph. 817-263-2900 Fax 817-263-1195 E-mail: info@quicktest.com www.quicktest.com Susan Patey, Manager Income: H-30% M-45% Stations: 12

L-25% C

#### Quick Test/Heakin

Irving Mall 3680 Irving Mall Irving, TX 75062 Ph. 972-594-8573 Fax 972-257-0487 E-mail: info@quicktest.com www.quicktest.com Helen Alnezirawy, Manager Income: NA Stations: NA

#### Quick Test/Heakin

Vista Ridge Mall 2401 S. Stemmons Fwy., Suite 1008 Lewisville, TX 75067 Ph. 972-315-3555 Fax 972-315-8926 E-mail: info@quicktest.com www.quicktest.com Marsha Fugitt, Manager Income: H-46% M-41% L-13% Stations: 10 C K P O

#### Savitz Field and Focus

The Parks at Arlington Mall 3811 S. Cooper, Suite 2053 Arlington, TX 76015 Ph. 817-467-6437 Fax 817-467-6552 E-mail: information@savitzfieldandfocus.com www.savitzfieldandfocus.com Barbara Brodie, Manager Income: H-35% M-45% L-20% Stations: 14 C K P O

## Houston

#### C & C Market Research, Inc.

Central Mall 3100 Hwy. 365, #182 Port Arthur, TX 77642 Ph. 479-785-5637 Fax 479-785-5645 E-mail: craig@ccmarketresearch.com www.ccmarketresearch.com Craig Cunningham, President Income: H-40% M-50% L-10% Stations: 7 C K P 0

#### Car-Lene Research, Inc.

Katy Mills Mall 5000 Katy Mills Circle, Suite 667 Katy, TX 77494 Ph. 281-644-6100 Fax 281-644-6104 E-mail: houstonk@carleneresearch.com www.carleneresearch.com Cheryl Sempe, Manager Income: H-49% M-28% L-23% Stations: 6 C K P 0

#### Car-Lene Research, Inc.

Northwest Mall 307 Northwest Mall Houston, TX 77092 Ph. 713-686-5557 Fax 713-686-5584 E-mail: houston@carleneresearch.com www.carleneresearch.com Athena Sempe, Manager Income: H-35% M-30% L-35% Stations: 6 C K P 0

#### **Creative Consumer Research**

Deerbrook Mall, #1122 20131 Hwy. 59 Humble, TX 77338 Ph. 281-446-9730 Fax 281-446-6649 E-mail: ccrhouston@ccrsurveys.com www.ccrsurveys.com Patricia Pratt, Field Director Income: H-30% M-39% L-31% Stations: 10 C K P O

#### **Creative Consumer Research**

First Colony Mall 16535 S.W. Frwy., Suite 560 Sugarland, TX 77479 Ph. 281-277-7778 Fax 281-277-7779 E-mail: ccrhouston@ccrsurveys.com www.ccrsurveys.com Patricia Pratt, Field Director Income: H-50% M-38% L-12% Stations: 8 C K P O

#### **Creative Consumer Research**

Northline Mall 113 Northline Mall Houston, TX 77022 Ph. 281-240-9646 Fax 281-240-3497 E-mail: ccrhouston@ccrsurveys.com www.ccrsurveys.com Patricia Pratt, Field Director Income: H-10% M-31% L-59% Stations: 6 C P

#### **Cunningham Field & Research Service**

The Woodlands Mall 1201 Lake Woodlands Dr., Suite 1104 The Woodlands, TX 77380 Ph. 386-677-5644 Fax 386-677-5534 E-mail: HOUS@cunninghamresearch.com www.cunninghamresearch.com Income: H-30% M-60% L-10% Stations: 4 C K P 0

#### **Gulf State Research Center**

1670 San Jacinto Mall Baytown, TX 77521-8361 Ph. 800-357-8842 or 863-676-3676 Fax 863-676-0471 E-mail: gulfstatefla@aol.com Robert Landsberger, President Income: H-36% M-47% L-17% Stations: 6 C K P 0

#### Market Research & Analysis Field Staff, Inc.

The Research Center 5075 Westheimer Rd. Houston, TX 77056 Ph. 713-271-5624 Fax 713-840-0699 E-mail: mrafs@swbell.net Fay Parker, President Income: H-50% M-30% L-20% Stations: 5 C K P O

#### Quick Test/Heakin

247 Greenspoint Shopping Mall Houston, TX 77060 Ph. 281-872-4165 Fax 281-872-7024 E-mail: info@quicktest.com www.quicktest.com Lori Pugh, Manager Income: H-27% M-50% L-23% Stations: 12 C K P O

#### Quick Test/Heakin

Galleria II 5085 Westheimer, Suite 3897 Houston, TX 77056 Ph. 713-871-8542 Fax 713-871-8549 E-mail: info@quicktest.com www.quicktest.com Keith Brock, Manager Income: H-37% M-51% Stations: 12

1-12%

CKPO

L-25%

CKPO

#### Quick Test/Heakin

West Oaks Mall, Suite 547 1000 W. Oaks Blvd. Houston, TX 77082 Ph. 281-531-5959 Fax 281-531-6233 E-mail: info@quicktest.com www.quicktest.com Kurt Smith, Manager Income: H-40% M-35% Stations: 12

San Antonio

#### C & C Market Research, Inc.

South Park Mall 2310 S.W. Military Dr., #438 San Antonio, TX 78224 Ph. 479-785-5637 Fax 479-785-5645 E-mail: craig@ccmarketresearch.com www.ccmarketresearch.com Income: NA Stations: NA

#### Car-Lene Research, Inc.

North Star Mall 7400 San Pedro, #2060 San Antonio, TX 78216 Ph. 210-340-3595 Fax 210-340-3559 E-mail: sanantonio@carleneresearch.com www.carleneresearch.com Aaron Hinton, Manager Income: H-40% M-41% L-19% Stations: 8 C K P O

#### **Creative Consumer Research**

McCreless Mall South Cross & I-37 San Antonio, TX 78223 Ph. 210-531-9345 Fax 210-673-0094 E-mail: ccrsanantonio@ccrsurveys.com www.ccrsurveys.com Amalia Pena, Project Supervisor Income: H-10% M-65% L-25% Stations: 7 C P

#### **Creative Consumer Research**

Westlakes Mercado Mall 1401 S.W. Loop 410 San Antonio, TX 78227 Ph. 210-654-1900 E-mail: ccrsanantonio@ccrsurveys.com Claudia De Hoyos Income: H-10% M-65% L-25% Stations: 4 C K P

#### **Creative Consumer Research**

Windsor Park Mall 7900 IH 35 San Antonio, TX 78218 Ph. 210-654-1900 Fax 210-653-3884 E-mail: ccrsanantonio@ccrsurveys.com Claudia De Hoyos Income: H-20% M-50% L-30% Stations: 5 C P

#### Cunningham Field & Research Service

Rivercenter Mall 849 E. Commerce St., #403 San Antonio, TX 78205 Ph. 386-677-5644 Fax 386-677-5534 E-mail: sant@cunninghamresearch.com www.cunninghamresearch.com Income: H-20% M-65% L-15% Stations: 4 C K

#### Friedman Marketing Services

Consumer Opinion Center Rolling Oaks Mall 6909 Loop 1604 E., Suite 1112 San Antonio, TX 78247 Ph. 210-651-6971 or 914-698-9591 Fax 210-651-5777 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Lisa Garbett Income: H-25% M-50% L-25% Stations: 7 C K

#### **Galloway Research Services**

Crossroads Mall 4522 Fredricksburg Rd., #A3 San Antonio, TX 78201 Ph. 210-734-4346 Fax 210-732-4500 E-mail: grs@gallowayresearch.com www.gallowayresearch.com Betty Rose, Department Director Income: H-5% M-80% L-15% Stations: 9 C K P

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#### CODES

#### Income

H - est. percentage of mall customers in high-income bracket (+\$60,000) M - middle-income (\$30,000-\$60,000) L - low-income (under \$30,000)

Stations - number of interviewing stations

#### Facility features

C - computer-aided stations K - kitchen facilities P - private display room O - one-way mirror for viewing of stations

NA - information not available

#### **Galloway Research Services**

Ingram Park 6301 N.W. Loop 410 San Antonio, TX 78238 Ph. 210-734-4346 Fax 210-732-4500 E-mail: grs@gallowayresearch.com www.gallowayresearch.com Betty Rose, Department Director Income: H-10% M-80% L-10% Stations: 8 C K P

## Utah

## Salt Lake City

Consumer Opinion Services, Inc. 1120 Newgate Mall Ogden, UT 84405 Ph. 801-778-0380 or 206-241-6050 for bids Fax 801-778-0383 E-mail: newgate@cosvc.com www.cosvc.com Willard Hill, Manager Income: H-10% M-65% L-25% Stations: 9 C K P (See advertisement on p. 121)

#### Cunningham Field & Research Service

South Towne Center 10450 S. State St., Suite 1331 Sandy, UT 84070 Ph. 386-677-5644 Fax 386-677-5534 E-mail: SALT@cunninghamresearch.com www.cunninghamresearch.com Income: H-10% M-80% L-10% Stations: 4 C K P 0

#### **Utah Market Research Services**

Div. of Ruth Nelson Research Crossroads Plaza Mall 50 S. Main St. Salt Lake City, UT 84144-0103 Ph. 801-363-8726 Fax 801-321-4904 E-mail: umrs@worldnet.att.net www.ruthnelsonresearchsvcs.com Berdene Atkin, Manager Income: H-40% M-40% L-20% Stations: 4 C P

## Vermont

## Burlington

#### Opinions, Ltd.

Burlington Town Center 101 Cherry St. Burlington, VT 05402 Ph. 440-893-0300 E-mail: mark@whereopinionscount.com www.whereopinionscount.com Mark Kikel, Owner Income: H-38% M-48% L-14% Stations: 7 C P

## Washington

## Everett

#### Consumer Opinion Services, Inc.

Everett Mall 1402 S.E. Everett Mall Way Everett, WA 98208 Ph. 425-347-2424 or 206-241-6050 for bids Fax 425-290-8433 E-mail: everett@cosvc.com www.cosvc.com Maureen Barbee, Manager Income: H-10% M-65% L-25% Stations: 10 C K P (See advertisement on p. 121)

## Kelso

#### Consumer Opinion Services, Inc.

Three Rivers Mall 351 Three Rivers Dr. Kelso, WA 98626 Ph. 360-425-8815 or 206-241-6050 for bids Fax 360-425-3143 E-mail: threerivers@cosvc.com www.cosvc.com Yvone Pecha & Diana Parsons, Managers Income: H-10% M-60% L-30% Stations: 12 C K P O (See advertisement on p. 121)

## Seattle/Tacoma

#### Car-Lene Research, Inc.

Alderwood Mall 3000 184th St. S.W., #861 Lynnwood, WA 98037 Ph. 425-744-8047 Fax 425-744-7809 E-mail: seattle@carleneresearch.com www.carleneresearch.com Jean LeBlanc, Manager Income: H-44% M-27% L-29% Stations: 6 C K P 0

#### Cunningham Field & Research Service

Super Mall of the Great N.W. 1101 Super Mall Way., Suite 1239 Auburn, WA 98001 Ph. 386-677-5644 Fax 386-677-5534 E-mail: SEAT@cunninghamresearch.com www.cunninghamresearch.com Income: H-0% M-80% L-20% Stations: 5 C K P 0

#### Friedman Marketing Services

Consumer Opinion Center South Hill Mall 3500 Meridian South Puyallup, WA 98373 Ph. 253-840-0112 or 914-698-9591 Fax 253-840-0131 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Ted Hubbard Income: H-30% M-50% L-20% Stations: 6 C K P 0

#### Barbara Nolan Market Research

555 Northgate Mall, Suite 220 Seattle, WA 98125 Ph. 800-240-6119 Fax 407-629-7633 E-mail: BNMR160@attglobal.net Income: H-25% M-50% L-25% Stations: 6 C K P 0

#### North American Insights - Seattle

Kitsap Mall 10315 Silverdale Way N.W., Suite E20 Silverdale, WA 98383 Ph. 708-747-1100 ext. 11 Fax 708-747-4883 E-mail: sandyl@nainsights.com Income: H-22% M-53% L-25% Stations: 8 C K P 0

#### Quick Test/Heakin

Tacoma Mall Shopping Center 4502 S. Steele St., Suite 935 Tacoma, WA 98409 Ph. 253-474-9980 Fax 253-473-1931 E-mail: info@quicktest.com www.quicktest.com Karen Grubish, Manager Income: H-10% M-40% L-50% Stations: 7 C K P 0

## Spokane

#### Consumer Opinion Services, Inc. Northtown Mall

4750 N. Division St. Spokane, WA 99207 Ph. 509-487-6173 or 206-241-6050 for bids Fax 509-482-7205 E-mail: northtown@cosvc.com www.cosvc.com Linda Levely, Manager Income: H-9% M-61% L-30% Stations: 8 C K P 0 (See advertisement on p. 121)

#### Cunningham Field & Research Service Spokane Valley Mall 14700 E. Indiana, #1188 Spokane, WA 99216 Ph. 386-677-5644 Fax 386-677-5534 E-mail: spok@cunninghamresearch.com www.cunninghamresearch.com Income: H-20% M-50% L-30% Stations: 6 C K 0

## Vancouver

Consumer Opinion Services, Inc. Vancouver Mall 8700 N.E. Vancouver Mall Dr. Vancouver, WA 98662 Ph. 360-254-5650 or 206-241-6050 for bids Fax 360-254-6588 E-mail: vancouver@cosvc.com www.cosvc.com Alice Hilby, Manager Income: H-15% M-45% L-40% Stations: 7 C K P (See advertisement on p. 121)

## West Virginia

## Huntington

#### **McMillion Research Service**

Huntington Mall, Unit 290 Rte. 60 at I-64 Barboursville, WV 25501 Ph. 304-733-1643 Fax 304-733-0472 E-mail: mcmillhtm@aol.com www.mcmillionresearch.com Mary Burton, Manager Income: H-33% M-48% L-19% Stations: 9 C K P 0 (See advertisement on p. 83)

## Wheeling

#### T.I.M.E. Market Research

280 Ohio Valley Mall St. Clairsville, OH 43950 Ph. 740-695-6288 Fax 740-695-5163 E-mail: tada@1st.net Tim Aspenwall, Manager Income: H-10% M-65% L-25% Stations: 12 C K P O

## Wisconsin

## Eau Claire

#### Friedman Marketing Services

Consumer Opinion Center Oakwood Mall 4800 Golf Rd., Suite 604 Eau Claire, WI 54701 Ph. 715-836-6580 or 914-698-9591 Fax 715-836-6584 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Tammy Tomaloff Income: H-25% M-55% L-20% Stations: 8 C K P O

## **Green Bay/Appleton**

#### Friedman Marketing Services

Consumer Opinion Center Fox River Mall 4301 W. Wisconsin Appleton, WI 54915 Ph. 920-730-2240 or 914-698-9591 Fax 920-730-2247 E-mail: gvigeant@friedmanmktg.nopworld.com www.friedmanmktg.com Dawn Marhefke Income: H-30% M-55% L-15% Stations: 11 C K P O

## Milwaukee

#### Car-Lene Research, Inc.

Bayshore Mall 5900 N. Port Washington Rd., Suite 102 Milwaukee, WI 53217 Ph. 414-962-9926 Fax 414-962-3952 E-mail: milwaukeeb@carleneresearch.com www.carleneresearch.com Christine Malone, Manager Income: H-52% M-30% L-18% Stations: 6 C K P O

#### Car-Lene Research, Inc.

Southridge Mall 5300 S. 76th St., Suite 1325 Greendale, WI 53129 Ph. 414-421-2865 Fax 414-421-2990 E-mail: milwaukee@carleneresearch.com www.carleneresearch.com Christine Malone, Manager Income: H-31% M-31% L-38% Stations: 4 C K P 0

# . More is more

We have eleven mall offices (including our newest at Capitol Mall in Olympia, Washington) which means you have a wide range of choices for data collection. You can choose from the midwest in Chicago to the west coast in Seattle, Portland, or San Jose with mountain state offices Boise, Salt Lake City, and Spokane in between.

So while we understand the expression "Less is more", when it comes to data collection...more is more.

Call us with your next data collection assignment.

Consumer Opinion Services We answer to you

12825 1st Avenue South Seattle, WA 98168 www.cosvc.com 206-241-6050 Seattle ♦ Spokane ♦ Boise ♦ Portland ♦ Salt Lake City ♦ San Jose ♦ Chicago

#### Income

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H - est. percentage of mall customers in high-income bracket (+\$60,000) M - middle-income (\$30,000-\$60,000) L - low-income (under \$30,000)

CODES

Stations - number of interviewing stations

#### Facility features

C - computer-aided stations K - kitchen facilities P - private display room O - one-way mirror for viewing of stations

NA - information not available

#### **Consumer Pulse of Milwaukee**

The Grand Avenue Mall, #2004A 275 W. Wisconsin Ave. Milwaukee, WI 53203 Ph. 414-274-6060 or 800-336-0159 Fax 414-274-6068 E-mail: milwaukee@consumerpulse.com www.consumerpulse.com Daina Veidemanis, Director Income: H-20% M-60% L-20% Stations: 8 CKPO

#### **Quick Test/Heakin**

Brookfield Square Mall 95 N. Moorland Rd., Space PC-13 Brookfield, WI 53005 Ph. 262-787-1727 Fax 262-787-0052 E-mail: info@quicktest.com www.guicktest.com Linda Kelly, Manager Income: H-20% M-60% L-20% Stations: 9 CKO

## Canada

## **British Columbia**

## Vancouver

#### Canadian Viewpoint, Inc. Surrey Place Mall 400B - 2562 Surrey Place Mall Surrey, BC V3T 2W1 Canada Ph. 604-583-3355 Fax 604-583-3733 E-mail: info@canview.com www.canview.com Alan Boucquey, V.P. Operations Income: H-20% M-65% L-15% CKPO Stations: 4

#### **Consumer Opinion Centre**

NFO Cfgroup, an NFO WorldGroup Company Willowbrook Mall Unit 3504, 19705 Fraser Hwy. Langley, BC V3A 7E9 Canada Ph. 604-532-0322 Fax 604-832-0342 www.nfocfgroup.com Income: NA CKP Stations: 4

#### **Research House, Inc.**

Metrotown Centre 181 - 4800 Kingsway Burnaby, BC V5H 4J2 Canada Ph. 416-488-2333 Fax 416-488-2391 E-mail: info@research-house.ca www.research-house.ca Kate Crowley, Project Director Income: H-35% M-50% L-15% Stations: 4 CKPO

## Manitoba

## Winnipeg

#### **Consumer Opinion Centre**

NFO Cfgroup, an NFO WorldGroup Company **Kildonana** Place 1555 Regent Ave W., #55 Winnipeg, MB R2C 4J2 Canada Ph. 204-661-8512 Fax 204-224-5004 www.nfocfgroup.com Income: NA Stations: 2 CKP

## Ontario

## London

#### **Consumer Opinion Centre**

NFO CFgroup, an NFO WorldGroup Company Cherryhill Village Mall 301 Oxford St.W. London, ON N6H 1S6 Canada Ph. 519-679-2287 Fax 519-679-4094 www.nfocfgroup.com Income: NA CKP Stations: 2

## Toronto

#### Canadian Viewpoint, Inc.

Hillcrest Mall 9350 Yonge St., Suite 206 Richmond Hill, ON L4C 5G2 Canada Ph. 905-770-1770 or 888-770-1770 Fax 905-770-1692 E-mail: info@canview.com www.canview.com Alan Boucquey, V.P. Operations Income: H-25% M-50% L-25% Stations: 4 CKPO

#### Canadian Viewpoint, Inc.

Centerpoint Mall 6464 Yonge St., Suite N5 Toronto, ON M2M 3X4 Canada Ph. 905-770-1770 or 888-770-1770 Fax 905-770-1692 E-mail: info@canview.com www.canview.com Alan Boucquey, V.P. Operations Income: H-30% M-60% L-10% Stations: 3 CKPO

Canadian Viewpoint, Inc. Eastgate Mall 75 Centennial Pkwy. N. Hamilton, ON L85 2P2 Canada Ph. 905-770-1770 Fax 905-770-1692 E-mail: info@canview.com

Alan Boucquey, V.P. Operations M-70% L-10% CKPO

#### Canadian Viewpoint, Inc.

www.canview.com

Income: H-20%

Stations: 4

**Oakville Place Mall** 240 Leighland Ave., Unit 224B Oakville, ON L6H 3H6 Canada Ph. 905-770-1770 Fax 905-770-1692 E-mail: info@canview.com www.canview.com Alan Boucquey, V.P. Operations Income: H-30% M-50% L-20% Stations: 4 CKPO

#### Car-Lene Research, Inc.

(Opening Fall 2003) Vaughan Mills Toronto, ON Canada Ph. 847-940-2000 E-mail: info@carleneresearch.com www.carleneresearch.com Income: NA CKPO Stations: NA

#### **Consumer Opinion Centre**

NFO Cfgroup, an NFO WorldGroup Company **Dixie Outlet Mall** 1250 S. Service Rd. Mississauga, ON L5E 1V4 Canada Ph. 905-274-3341 Fax 905-274-4824 www.nfocfgroup.com Income: NA Stations: 4 CKPO

#### **Consumer Opinion Centre**

NFO Cfgroup, an NFO WorldGroup Company Shopper's World 499 Main St. S. Brampton, ON L6Y 1N7 Canada Ph. 905-453-0707 Fax 905-453-9438 www.nfocfgroup.com Income: NA Stations: 4 CKPO

#### **Network Research Field Services**

**Eglinton Square** 1 Eglinton Square, Suite 205 Toronto, ON M1L 2K1 Canada Ph. 905-839-7635 or 877-534-1294 Fax 905-839-6937 E-mail: mail@networkfield.com www.networkfield.com Income: NA Stations: NA CKPO

**Network Research Field Services** 

Woodbine Centre 500 Rexdale Blvd. Etobicoke, ON M9W 6K5 Canada Ph. 877-534-1294 E-mail: mail@networkfield.com www.networkfield.com Income: NA CKPO Stations: NA

#### **Research House. Inc.**

**Don Mills Centre** 939 Lawrence Ave. E., Store 65 Toronto, ON M3C 1P8 Canada Ph. 416-488-2333 Fax 416-488-2391 E-mail: info@research-house.ca www.research-house.ca Graham Loughton, V.P. & General Manager Income: H-40% M-50% L-10% Stations: 5 CKPO

#### **Research House, Inc.**

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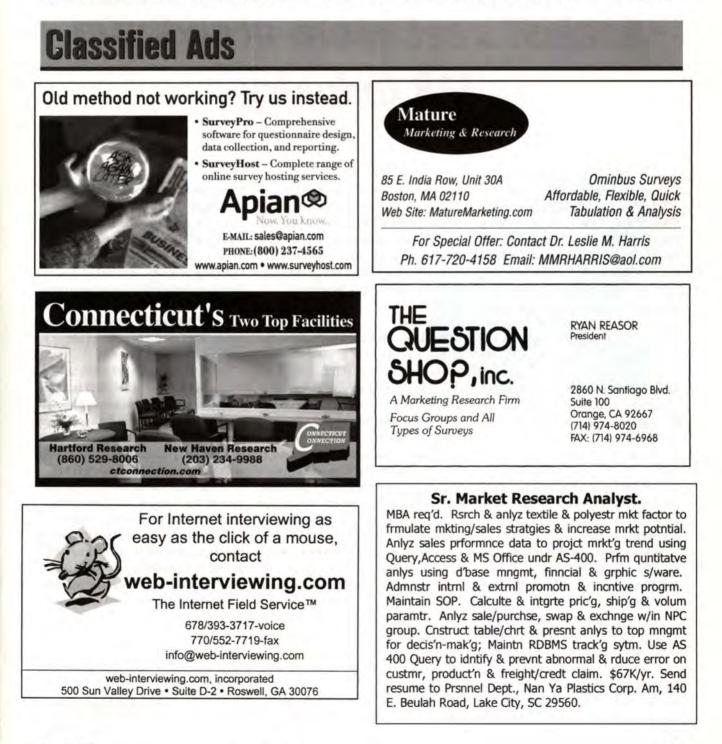
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## **Trade Talk**

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pleted analyzing a survey of over 450 market research and intelligence functions at companies around the world and he found a noticeable uptick in the portion of budgets committed to primary research. "Custom market research firms are part of this trend I call moving content up the value chain," he says. "They are responding to their internal clients' demands, the demands of the ultimate information or intelligence end user, who is oftentimes a senior decision maker in the organization. They may be getting their information synthesized or analyzed through a market research or intelligence function but the bottom line is, they are the ultimate consumer of what the custom market research firm is providing. And that end consumer is asking more high-risk, what-if questions. They have really raised the bar in terms of their expectations for the kind of content they need to make decisions. A bad decision in today's economy is much more costly than that same bad decision 12 months ago, and it could break the back of an organization depending on where that company is at."

So maybe the message is finally getting through. Maybe businesses are starting to realize that informed decisions are better than uninformed ones. We can only hope.



www.quirks.com





By Joseph Rydholm, QMRR editor

## Analyst sees more growth for MR industry

arlier this summer Outsell, Inc., a Burlingame, Calif., research and advisory firm, released findings from its 2001 study of what it calls the information content industry. Part of that industry is the "market research, reports, and services" market, or MRRS, which includes custom market research firms, providers of syndicated research and providers of databases.

According to Outsell figures, the \$14.1 billion dollar market consists of the database segment at \$6.2 billion, custom research at \$5.5 billion, and syndicated research at \$2.4 billion.

Though overall MRRS segment growth was 2.7 percent in 2001, compared to a 5.7 percent adjusted growth rate in 2000, sales at custom research firms grew 7.9 percent in 2001 while growth in the syndicated and database segments was flat.

"The custom research providers have been carrying the MRRS market," says Joel Block, vice president and lead analyst, Outsell, Inc. "When we take a look at the three segments and what's driving business in them, without a doubt, the custom segment has served as a buoy for the broader research reports and services market. One of the primary reasons for that is the demand from research buyers' internal corporate clients. We believe that the custom segment grew well beyond its peer segments in 2001 in large part because corporate decision makers want hard facts on which to base their strategic decisions. They want the research to be customized to suit their needs."

#### **Closer** look

Block says that corporate clients are taking a closer look at their in-house market research capabilities and how they fit in with their companies' core competencies. Research may be a critical part of the firm's marketing and strategic planning, but some feel that it's better to outsource those efforts, at least in part, and focus in-house talent on doing what the company does best.

And in tough economic times like these, outsourcing offers another tangible appeal: it may be more economical than hiring and maintaining an inhouse staff. So some firms, faced with a decision between hiring new inhouse primary research capacity and outsourcing, will choose the latter. "It is fundamentally easier in down economies to control those variable dollars than it is to manage head count," Block says.

An argument against relying on outsourcing is that a company loses historical perspective, both of its past business experiences and its past research efforts. Sure it may be cheaper in the short term to partner with a research vendor, but unless the two parties develop a long-term relationship through which both build an awareness of past research successes and failures, they risk duplicating those failures and missing out on the benefits of alreadyaccumulated knowledge.

Granted, in-house research departments can become hidebound but they can also be rich storehouses of knowledge and, depending on the experience level of the workers, can provide valuable, industry-specific insights unavailable from an outside research firm.

While many client firms pay lip service to the value of building partnerships with their research providers which in theory would avoid the loss of intellectual capital — we all know that a years-long relationship could disappear in an instant if another research firm submits a lowball bid for the same services.

#### Noticeable uptick

Despite my cynicism, there is cause for some optimism. Block just com-

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