

## [A01 - Food Additives](#)

**Programme Contact - Dr James Ridsdale, Tel: 020 7276 8559**

**Email: [James.Ridsdale@foodstandards.gsi.gov.uk](mailto:James.Ridsdale@foodstandards.gsi.gov.uk)**

| Project       | Project Title  | Contractor                           | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------------|--|--------------------------------------|------------|------------|---------------------------------|
| A01055        | Develop a fully validated method for the determination of tartaric acid and tartrates in food based on the method previously developed by Agency funded research | Laboratory of the Government Chemist | 01/09/2006 | 25/05/2007 | 11,687.00                       |
| A01056        | Develop a fully validated method for the simultaneous determination of intense sweeteners in foodstuffs  | Durham County Council                | 01/09/2006 | 30/11/2007 | 5,760.00                        |
| A01058        | Review of extraction methods for additives from complex food matrices  | Leatherhead Food International       | 01/08/2006 | 30/04/2007 | 11,401.83                       |
| A01060        | Development and validation of a method for the analysis of antioxidants in foods   | Leatherhead Food International       | 01/08/2006 | 31/12/2007 | 37,703.29                       |
| A01067        | Development of methods to quantitatively extract biologically active principles from foods, flavourings and herbs and spices                                     | Central Science Laboratory           | 01/01/2008 | 31/12/2008 | 30,500.00                       |
| <b>Total:</b> |  |                                      |            |            | <b>97,052.12</b>                |

## [A03 - Chemical Contaminants from Food Contact Materials & Articles \(Research\)](#)

**Programme Contact - Dr Jillian Spindura, Tel: 020 7276 8708**

**Email: [Jillian.Spindura@foodstandards.gsi.gov.uk](mailto:Jillian.Spindura@foodstandards.gsi.gov.uk)**

| Project | Project Title  | Contractor                     | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------|--|--------------------------------|------------|------------|---------------------------------|
| A03053  | Monomer and other chemical migrants in food grade plastic  | PIRA International             | 01/09/2005 | 31/01/2008 | 10,506.00                       |
| A03054  | An investigation into the reaction and breakdown products from starting substances used to produce food contact plastics   | Central Science Laboratory     | 01/09/2005 | 30/06/2007 | 67,726.00                       |
| A03056  | Validation of enzyme linked immunoabsorbant assay (ELISA) for the determination of latex allergens in food contact materials and associated foods  | Leatherhead Food International | 01/02/2006 | 28/02/2008 | 8,865.82                        |
| A03057  | Nonylphenol in food contact plastics and migration into foods  | Central Science Laboratory     | 01/09/2006 | 31/07/2008 | 37,016.00                       |
| A03060  | Development and validation of an LC-MS-MS method for the determination of primary aromatic amines, and use of this for the assessment of migration models for foods with high packaging : food mass ratios | Leatherhead Food International | 01/05/2006 | 01/05/2008 | 11,000.00                       |

|               |  |                            |            |            |                   |
|---------------|--|----------------------------|------------|------------|-------------------|
| A03062        | Identify the chemicals that are specific to active and intelligent packaging on the market and the extent to which they migrate into food, through laboratory based research | TNO                        | 01/08/2006 | 31/07/2008 | 28,418.50         |
| A03063        | Assessment of current and projected applications of nanotechnology for food contact materials in relation to consumer safety and regulatory implications                     | Central Science Laboratory | 01/09/2006 | 29/02/2008 | 28,815.00         |
| A03064        | Review of the existing use of simulants for migration testing and recommendations for future work/possible modifications   | Central Science Laboratory | 09/05/2007 | 31/07/2008 | 13,200.00         |
| A03066        | Investigation into the affect of addiitves on migration of substances originating from colourants used in food contact plastics  | PIRA International         | 01/10/2007 | 30/10/2009 | 7,154.00          |
| A03067        | Measurement of packaged food intake of selected groups of adults by kilogram body weight to include type of packaging and foodstuff.   | University of Newcastle    | 01/11/2007 | 31/08/2009 | 56,627.00         |
| A03068        | Literature review, analytical screening and chemical migration studies on irradiated food packaging  | Central Science Laboratory | 17/09/2007 | 17/05/2009 | 37,513.00         |
| <b>Total:</b> |  |                            |            |            | <b>306,841.32</b> |

#### [A04 - Chemical Contaminants from Food Contact Materials & Articles \(Surveys\)](#)

**Programme Contact - Dr Jillian Spindura, Tel: 020 7276 8708**

**Email: [Jillian.Spindura@foodstandards.gsi.gov.uk](mailto:Jillian.Spindura@foodstandards.gsi.gov.uk)**

| Project       | Project Title  | Contractor                 | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------------|--|----------------------------|------------|------------|---------------------------------|
| A04016        | A 4 year rolling programme of surveys on migrants from food contact materials and articles | Central Science Laboratory | 16/01/2008 | 31/12/2012 | 7,000.00                        |
| <b>Total:</b> |  |                            |            |            | <b>7,000.00</b>                 |

#### [B11 - Verocytotoxin-producing E.coli O157 \(VTEC\)](#)

**Programme Contact - Mr David Alexander, Tel: 020 7276 8949**

**Email: [David.Alexander@foodstandards.gsi.gov.uk](mailto:David.Alexander@foodstandards.gsi.gov.uk)**

| Project       | Project Title   | Contractor         | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------------|---|--------------------|------------|------------|---------------------------------|
| B11013        | Development and validation of methods for the detection and identification of sorbitol-fermenting verocytotoxin-producing <i>Escherichia coli</i> O157:H- | SAC Commerical Ltd | 01/10/2007 | 28/02/2010 | 35,091.00                       |
| <b>Total:</b> |   |                    |            |            | <b>35,091.00</b>                |

#### [B12 - Microbiological Risk Assessment](#)

**Programme Contact - Dr Paul Cook, Tel: 020 7276 8950**

**Email: Paul.Cook@foodstandards.gsi.gov.uk**

| Project | Project Title   | Contractor | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------|---|------------|------------|------------|---------------------------------|
| B12007  | To investigate the impact of butter production on growth of <i>Listeria monocytogenes</i>               | CCFRA      | 01/06/2005 | 31/05/2007 | 25,191.00                       |
| B12008  | The survival of <i>M. bovis</i> and <i>E. coli</i> O157 in UK-produced cheeses made from raw cows' milk | CCFRA      | 01/09/2007 | 01/09/2009 | 60,008.00                       |
| Total:  |   |            |            |            | 85,199.00                       |

### [B13 - Microbiological Risk Management](#)

**Programme Contact - Dr Paul Cook, Tel: 020 7276 8950**

**Email: Paul.Cook@foodstandards.gsi.gov.uk**

| Project | Project Title   | Contractor                            | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------|---|---------------------------------------|------------|------------|---------------------------------|
| B13008  | An Investigation into the Attitudes and Behaviours of Consumers and Caregivers in the Preparation, Handling, Storage and Feeding of Powdered infant Formula Inside and Outside the Home | University of Wales Institute Cardiff | 01/05/2007 | 30/04/2009 | 42,170.40                       |
| B13010  | Bacteriocidal preparation of powdered infant milk formulae.   | University of Nottingham Trent        | 01/04/2007 | 30/09/2008 | 68,997.00                       |
| B13011  | Validation of the new CEN/ISO standard to detect <i>Enterobacter sakazakii</i>  | Health Protection Agency              | 19/02/2007 | 31/08/2007 | 1,800.00                        |
| B13013  | B13 Microbiological Risk Management Programme Advisor - Mr A Lyne   | ADAS                                  | 01/05/2007 | 30/04/2012 | 1,862.50                        |
| B13014  | Determination of the appropriate cooking regimes for recommendations for the safe roasting/cooking of unstuffed poultry: Turkey, Chicken, Goose and Duck                                | CCFRA                                 | 14/06/2007 | 14/10/2007 | 50,894.00                       |
| Total:  |   |                                       |            |            | 165,723.90                      |

### [B14 - Foodborne Disease](#)

**Programme Contact - Ms Gael O'Neil, Tel: 020 7276 8475**

**Email: Gael.O'Neil@foodstandards.gsi.gov.uk**

| Project | Project Title   | Contractor               | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------|---|--------------------------|------------|------------|---------------------------------|
| B14004  | Generate an archive of extracted nucleic acid for IID archived faecal specimens | Health Protection Agency | 01/01/2003 | 31/03/2008 | 3,836.00                        |

[B15 - Eggs and Poultry](#)

**Programme Contact - Dr Kathryn Callaghan, Tel: 020 7276 8943**

**Email: [Kathryn.Callaghan@foodstandards.gsi.gov.uk](mailto:Kathryn.Callaghan@foodstandards.gsi.gov.uk)**

| Project | Project Title  | Contractor                     | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------|--|--------------------------------|------------|------------|---------------------------------|
| B15014  | Review of current practices and recommendations for campylobacter reduction in extensively reared flocks                 | University of Bristol          | 01/04/2006 | 31/03/2009 | 121,280.45                      |
| B15015  | Host acute stress responses and the regulation of <i>C. jejuni</i> of virulence in the avian gut                         | BBSRC                          | 01/11/2006 | 31/01/2009 | 11,768.00                       |
| B15016  | Host acute stress responses and the regulation of <i>C.jejuni</i> of virulence in the avian gut                          | BBSRC                          | 08/01/2007 | 31/01/2010 | 9,472.00                        |
| B15017  | Host acute stress responses and the regulation of <i>C.jejuni</i> of virulence in the avian gut                          | BBSRC                          | 01/11/2006 | 31/01/2009 | 13,405.00                       |
| B15018  | National Flock Prevalence Survey of <i>Campylobacter</i>   | Veterinary Laboratories Agency | 01/10/2006 | 31/05/2010 | 49,500.00                       |
| B15019  | Review of current information on campylobacter in poultry other than chicken and how this may contribute to human cases  | ADAS                           | 01/08/2006 | 30/04/2007 | 19,753.43                       |
| B15020  | Evaluation of best practice recommendations to reduce campylobacter incidence associated with thinning of broiler flocks | University of Bristol          | 01/01/2007 | 31/12/2007 | 115,776.00                      |
| Total:  |  |                                |            |            | 340,954.88                      |

[B16 - Shellfish hygiene](#)

**Programme Contact – Dr Kevin Hargin, Tel: 020 7276 8953**

**Email: [Kevin.Hargin@foodstandards.gsi.gov.uk](mailto:Kevin.Hargin@foodstandards.gsi.gov.uk)**

| Project | Project Title  | Contractor                   | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------|--|------------------------------|------------|------------|---------------------------------|
| B16009  | Alternative bioassays for use in fractionation studies to investigate the cause of the atypical MBA reaction | Integrin Advanced Biosystems | 01/10/2005 | 30/09/2007 | 4,375.00                        |
| Total:  |  |                              |            |            | 4,375.00                        |

[B17 - Organic Wastes](#)

**Programme Contact – Mr David Alexander, Tel: 020 7276 8949**

**Email: [David.Alexander@foodstandards.gsi.gov.uk](mailto:David.Alexander@foodstandards.gsi.gov.uk)**

| Project | Project Title  | Contractor               | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------|--|--------------------------|------------|------------|---------------------------------|
| B17005  | Review of the use of water in UK agriculture and the potential risks to food safety  | University of Surrey     | 01/11/2006 | 01/05/2007 | 46,690.00                       |
| B17007  | Hazards and risks associated with current industry practices for the production of crops that are likely to be consumed without cooking. | Hutchison Scientific Ltd | 01/07/2007 | 31/03/2008 | 16,435.60                       |
| Total:  |  |                          |            |            | 63,125.60                       |

### [B18 - Microbiological Surveillance](#)

**Programme Contact - Dr Chun-Han Chan, Tel: 020 7276 8957**

**Email: [Chun-Han.Chan@foodstandards.gsi.gov.uk](mailto:Chun-Han.Chan@foodstandards.gsi.gov.uk)**

| Project | Project Title  | Contractor                               | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------|--|--|------------|------------|---------------------------------|
| B18016  | Maintain an archive of samples from past and future FSA microbiological surveys, and carry out reference typing of a range of key microorganisms | Health Protection Agency                 | 01/04/2006 | 31/08/2007 | 64,795.77                       |
| B18018  | UK-wide survey of microbiological contamination of raw red meat on retail sale   | Central Science Laboratory               | 01/03/2006 | 30/09/2007 | 481,153.85                      |
| B18019  | 2006 survey of <i>Campylobacter</i> and <i>Salmonella</i> contamination in raw and whole chickens on retail sale in Wales and Northern Ireland   | National Public Health Service For Wales | 02/01/2006 | 05/04/2007 | 18,224.41                       |
| B18023  | Development of generic methods for recovering bacteria from fatty foods and overcoming the inhibitory action of spices                           | University of Reading                    | 01/05/2007 | 30/04/2008 | 68,537.00                       |
| B18024  | A microbiological survey of retail cold sliced meats and pates with particular reference to the presence of <i>Listeria monocytogenes</i>        | ALcontrol Laboratories                   | 01/03/2007 | 04/01/2008 | 139,065.00                      |
| B18025  | A UK-wide microbiological survey of <i>Campylobacter</i> and <i>Salmonella</i> contamination in raw chicken at retail sale                       | Central Science Laboratory               | 01/05/2007 | 15/09/2008 | 157,634.97                      |
| Total:  |  |  |            |            | 929,411.00                      |

### [C01 - Chemical Contaminants from Food Production \(Research\)](#)

**Programme Contact - Dr Jillian Spindura, Tel: 020 7276 8708**

**Email: [Jillian.Spindura@foodstandards.gsi.gov.uk](mailto:Jillian.Spindura@foodstandards.gsi.gov.uk)**

| Project | Project Title | Contractor | Start Date | End Date | Total spend in FY 2007/2008 (£) |
|---------|---------------|------------|------------|----------|---------------------------------|
|---------|---------------|------------|------------|----------|---------------------------------|

|               |  |                            |            |            |                   |
|---------------|--|----------------------------|------------|------------|-------------------|
| C01039        | Investigation of the occurrence of polychlorinated naphthalenes and polychlorinated short, medium and long chain paraffins in food                             | Central Science Laboratory | 01/02/2007 | 31/07/2008 | 78,366.00         |
| C01041        | Environmental contaminants in fish and shellfish from unmanaged inland UK waterways  | Central Science Laboratory | 01/01/2006 | 31/03/2009 | 69,334.80         |
| C01044        | Investigation of the long-term effects of river flooding on levels of organic environmental contaminants in food from livestock reared on flood-prone pastures | Central Science Laboratory | 01/05/2007 | 31/03/2011 | 49,801.24         |
| C01045        | Level of arsenic in rice: the effects of cooking - literature review   | University of Aberdeen     | 12/02/2007 | 28/05/2007 | 8,740.00          |
| C01048        | Determination of phthalates in foods and establishing methodology to distinguish their source  | Central Science Laboratory | 01/02/2008 | 01/08/2009 | 35,000.00         |
| <b>Total:</b> |  |                            |            |            | <b>241,242.04</b> |

## [C02 - Chemical contaminants from food production - Surveys](#)

**Programme Contact - Dr Jillian Spindura, Tel: 020 7276 8708**

**Email: [Jillian.Spindura@foodstandards.gsi.gov.uk](mailto:Jillian.Spindura@foodstandards.gsi.gov.uk)**

| Project       | Project Title  | Contractor                 | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------------|--|----------------------------|------------|------------|---------------------------------|
| C02076        | Develop and conduct retail sampling plans for UK produced milk, cheese, yoghurt, eggs and commercial seaweed based on production share   | Ventress Technical Limited | 01/11/2006 | 31/08/2007 | 22,036.00                       |
| C02082        | Development of a national retail sampling plan and carry out the purchase of 250 samples of raw and processed vegetables, preserves, eggs, fish and offal for the analysis of PFOS, PFOA and related compounds | Ventress Technical Limited | 01/05/2007 | 28/02/2008 | 14,000.00                       |
| C02083        | Survey of PFOS and related fluorochemicals in food   | Central Science Laboratory | 01/07/2007 | 28/02/2008 | 66,455.20                       |
| C02085        | Investigation of the occurrence of brominated contaminants in selected foods   | Central Science Laboratory | 01/04/2007 | 31/03/2008 | 120,000.00                      |
| <b>Total:</b> |  |                            |            |            | <b>222,491.20</b>               |

## [C03 - Mycotoxins and Process Contaminants \(including nitrate\) \(Research\)](#)

**Programme Contact - Paula Waldron, Tel: 020 7276 8537**

**Email: [Paula.Waldron@foodstandards.gsi.gov.uk](mailto:Paula.Waldron@foodstandards.gsi.gov.uk)**

| Project | Project Title  | Contractor            | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------|--|-----------------------|------------|------------|---------------------------------|
| C03031  | Mechanism of the formation of acrylamide in cooked foods & factors affecting its formation during processing/cooking | University of Reading | 01/06/2005 | 31/10/2007 | 11,400.00                       |

|               |   |                                |            |            |                   |
|---------------|---|--------------------------------|------------|------------|-------------------|
| C03041        | <i>Fusarium</i> mycotoxins in the cereal food chain   | RHM Technology                 | 01/02/2005 | 31/10/2008 | 43,804.00         |
| C03044        | Analysis of DON biomarkers on stored urine samples  | University of Leeds            | 15/03/2005 | 31/03/2008 | 66,828.00         |
| C03047        | Mechanism of the formation of acrylamide in cooked foods and factors affecting its formation during processing/cooking                        | University of Nottingham       | 30/06/2005 | 25/10/2007 | 32,194.00         |
| C03048        | Mechanism of the formation of acrylamide in cooked foods and factors affecting its formation during processing/cooking                        | University of Leeds            | 01/06/2005 | 25/10/2007 | 17,500.00         |
| C03052        | Exploiting process factors to reduce acrylamide in cereal based foods   | RHM Technology                 | 01/03/2006 | 31/07/2007 | 12,777.75         |
| C03055        | Development of representative sampling plans for mycotoxins in food using distribution modelling  | ADAS Arthur Rickwood           | 01/09/2006 | 31/12/2007 | 144,807.56        |
| C03056        | Development of an improved method of analysis for the determination of T-2 and HT-2 toxins in foodstuffs                                      | RHM Technology                 | 18/09/2006 | 21/12/2007 | 90,000.00         |
| C03057        | HPLC/MS method for the determination of ergot alkaloids in cereals and cereal products  | Central Science Laboratory     | 18/09/2006 | 31/08/2007 | 23,260.00         |
| C03058        | To conduct an investigation into the variety, availability and consumption of ethnic foods on the UK market liable to mycotoxin contamination | Leatherhead Food International | 01/04/2007 | 31/12/2007 | 48,006.00         |
| <b>Total:</b> |   |                                |            |            | <b>490,577.31</b> |

#### [C04 - Mycotoxins and Process Contaminants \(including nitrate\) \(Surveys\)](#)

**Programme Contact - Paula Waldron, Tel: 020 7276 8537**

**Email: [Paula.Waldron@foodstandards.gsi.gov.uk](mailto:Paula.Waldron@foodstandards.gsi.gov.uk)**

| Project       | Project Title  | Contractor                         | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------------|--|------------------------------------|------------|------------|---------------------------------|
| C04022        | Investigation of levels of fusarium mycotoxins in UK wheat production (Harper Adams Project)   | University of College Harper Adams | 01/10/2001 | 31/05/2007 | 46,431.00                       |
| C04033        | Investigation of <i>Fusarium</i> mycotoxins in UK barley and oat production  | University of College Harper Adams | 01/05/2002 | 31/05/2007 | 62,873.00                       |
| C04055        | Collection of retail food samples for a mycotoxin surveillance programme   | Ventress Technical Limited         | 01/09/2006 | 26/10/2007 | 8,400.00                        |
| C04056        | Monitoring of lettuce and spinach for nitrate content 2006 - 2008  | Eurofins Scientific                | 01/03/2006 | 27/02/2009 | 42,002.40                       |
| C04059        | Survey of acrylamide, 3-monochloropropane-1,2-diol (3-MCPD), ethyl carbamate and furan in UK retail samples  | RHM Technology                     | 01/02/2007 | 31/01/2010 | 31,000.00                       |
| C04060        | Development of a sampling plan and collection of samples for the survey of acrylamide, 3-monochloropropane-1,2-diol (3-MCPD), ethyl carbamate and furan in UK retail samples | Ventress Technical Limited         | 01/02/2007 | 01/02/2010 | 11,120.00                       |
| <b>Total:</b> |  |                                    |            |            | <b>201,826.40</b>               |

### D03 - Economics

**Programme Contact - Mr Chris Bryant, Tel: 020 7276 8659**

**Email: [chris.bryant@foodstandards.gsi.gov.uk](mailto:chris.bryant@foodstandards.gsi.gov.uk)**

| Project | Project Title   | Contractor            | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------|---|-----------------------|------------|------------|---------------------------------|
| D03007  | Distinguishing between the impact of economic and social conditions as contributory factors leading to poor dietary choice. | University of Reading | 15/01/2007 | 23/07/2007 | 36,958.00                       |
| Total:  |   |                       |            |            | 36,958.00                       |

### E01 - Improved Methods of Analysis

**Programme Contact - Dr Roger Wood, Tel: 01603 624 555**

**Email: [Roger.Wood@foodstandards.gsi.gov.uk](mailto:Roger.Wood@foodstandards.gsi.gov.uk)**

| Project | Project Title  | Contractor   | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------|--|--|------------|------------|---------------------------------|
| E01068  | Development of proficiency testing for detection of irradiated food  | Scottish Universities Environmental Research Centre    | 01/01/2005 | 30/06/2007 | 15,693.00                       |
| E01070  | Assessment of practicality and usefulness of sampling proficiency tests in the food sector                             | University of Sussex                                   | 01/10/2005 | 30/09/2007 | 61,351.50                       |
| E01075  | Investigation of the prediction of method performance characteristics in methods for food analysis                     | Laboratory of the Government Chemist                   | 01/11/2005 | 30/06/2007 | 4,000.00                        |
| E01078  | Determination of dietary carbohydrate as the sum of chemically identified components                                   | Englyst Carbohydrates Research And Services L          | 01/10/2005 | 30/09/2008 | 63,269.00                       |
| E01082  | Assessment and comparison of available methods of analysis for the determination of gluten                             | CCFRA  | 01/12/2006 | 30/11/2007 | 60,130.80                       |
| E01083  | Methods for the preparation and handling of quality control materials in the determination of sulphur dioxide in foods | RHM Technology   | 31/01/2007 | 31/01/2008 | 11,193.00                       |
| E01085  | The uncertainty of microbiological counts on foods due to sample heterogeneity   | University of Bristol                                  | 01/10/2007 | 31/03/2009 | 14,037.30                       |
| E01086  | Development and single-laboratory validation of method for glucosinolate Analysis in Food                              | Central Science Laboratory                             | 01/10/2007 | 31/03/2009 | 80,000.00                       |
| E01087  | To investigate the statistical distribution of real-time PCR data within a single laboratory                           | Laboratory of the Government Chemist;Laboratory of the | 01/07/2007 | 01/07/2008 | 20,000.00                       |
| Total:  |  |  |            |            | 329,674.60                      |

### E03 - Food Law Enforcement

**Programme Contact - Dr Mark Woolfe, Tel: 020 7276 8176**

**Email: [Mark.Woolfe@foodstandards.gsi.gov.uk](mailto:Mark.Woolfe@foodstandards.gsi.gov.uk)**



| Project       | Project Title   | Contractor                 | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------------|---|----------------------------|------------|------------|---------------------------------|
| E03008        | Evaluation and review of National and Local Authority hygiene award schemes in the UK   | University of London - KCL | 01/04/2006 | 31/07/2007 | 112,484.00                      |
| E03009        | An evaluation of the alternative enforcement strategies used by local authorities to assess food law compliance by low risk food businesses | ADAS                       | 24/08/2006 | 14/12/2007 | 35,515.00                       |
| E03010        | Evaluation of effectiveness and cost benefit of two different enforcement regimes in meat plants  | ADAS Consulting            | 01/08/2006 | 31/10/2009 | 16,860.00                       |
| E03012        | Food Law Enforcement - UK survey of food premises 2007  | ADAS UK Ltd                | 01/08/2007 | 30/04/2008 | 39,638.41                       |
| <b>Total:</b> |   |                            |            |            | <b>204,497.41</b>               |

### [G03 - Safety Assessment of Novel and GM Foods](#)

**Programme Contact - Dr David Jefferies, Tel: 020 7276 8573**

**Email: [David.Jefferies@foodstandards.gsi.gov.uk](mailto:David.Jefferies@foodstandards.gsi.gov.uk)**

| Project       | Project Title  | Contractor                            | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------------|--|---------------------------------------|------------|------------|---------------------------------|
| G03012        | Development of unified data models and data pre-processing strategies and the generation of meaningful, standardised statistical analyses of metabolome variability in crop plants | University of Wales Aberystwyth       | 01/12/2005 | 31/05/2008 | 182,501.00                      |
| G03019        | An investigation of the use of MudPIT as a tool for the separation and quantification of proteins for GM crop safety assessments   | University of London - Royal Holloway | 01/01/2006 | 30/06/2009 | 82,499.64                       |
| G03022        | Refinement of GMO screening methods by combining existing multiplex PCR approaches with lab-on-a-chip capillary electrophoresis endpoint detection                                 | CCFRA                                 | 11/09/2006 | 29/02/2008 | 7,200.00                        |
| G03026        | Development of a standard, validated procedure for the isolation of transgene flanking regions in GM crops and detailed analysis of transgene insertion                            | BBSRC - John Innes Centre             | 22/01/2007 | 31/01/2009 | 267,107.00                      |
| <b>Total:</b> |  |                                       |            |            | <b>539,307.64</b>               |

### [M01 - Meat Hygiene - Microbiological Safety \(non-TSE research\)](#)

**Programme Contact - Mrs Mary Howell, Tel: 020 7276 8373**

**Email: [Mary.Howell@foodstandards.gsi.gov.uk](mailto:Mary.Howell@foodstandards.gsi.gov.uk)**

| Project | Project Title | Contractor | Start Date | End Date | Total spend in FY 2007/2008 (£) |
|---------|---------------|------------|------------|----------|---------------------------------|
|---------|---------------|------------|------------|----------|---------------------------------|

|               |   |                            |            |            |                   |
|---------------|---|----------------------------|------------|------------|-------------------|
| M01037        | The development of methods to measure the extent and persistence of cross-contamination with campylobacter within poultry processing plants and application to determine the effectiveness of intervention procedures | University of Bristol      | 01/07/2005 | 31/03/2008 | 47,208.60         |
| M01038        | Reduction of salmonella contamination of pig meat   | University of Bristol      | 01/07/2005 | 31/07/2007 | 20,000.00         |
| M01039        | Reducing campylobacter cross-contamination during poultry processing  | University of Bristol      | 01/07/2005 | 30/09/2008 | 108,339.00        |
| M01040        | How can current slaughter, dressing and cleaning procedures in UK pig slaughterhouses be improved to reduce the risk of Salmonella contamination of pig meat?   | University of Nottingham   | 01/09/2005 | 31/03/2008 | 98,766.17         |
| M01042        | Survey for <i>Trichinella</i> in wildlife   | Central Science Laboratory | 01/11/2005 | 31/10/2008 | 189,596.22        |
| M01043        | Evaluation of surveillance data and risk management strategies for <i>Trichinella</i> in Great Britain  | Massey University          | 01/01/2006 | 31/12/2008 | 30,078.00         |
| M01044        | Real time hygiene indicators for slaughterhouses  | CCFRA                      | 01/12/2005 | 31/01/2008 | 60,000.00         |
| M01045        | Evaluation of data generated by meat plants for current HACCP verification purposes and future slaughterhouse hygiene purposes  | P W Hutchison Ltd          | 01/11/2005 | 31/03/2008 | 35,537.00         |
| M01046        | Pre-skinning treatments of slaughtered cattle and sheep to improve meat safety  | University of Bristol      | 01/11/2005 | 31/03/2008 | 50,000.00         |
| <b>Total:</b> |   |                            |            |            | <b>639,524.99</b> |

### [M03 - Transmissible Spongiform Encephalopathies \(TSEs\)](#)

**Programme Contact - Dr Irene Hill, Tel: 020 7276 8324**

**Email: [Irene.Hill@foodstandards.gsi.gov.uk](mailto:Irene.Hill@foodstandards.gsi.gov.uk)**

| Project | Project Title  | Contractor                     | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------|--|--------------------------------|------------|------------|---------------------------------|
| M03007  | Bioassay of BSE infectivity in further tissues by intracerebral inoculation of cattle  | Veterinary Laboratories Agency | 01/04/1998 | 31/03/2008 | 7,499.52                        |
| M03024  | Susceptibility of UK red deer ( <i>Cervus elaphus elaphus</i> ) to oral BSE transmission   | Veterinary Laboratories Agency | 01/09/2003 | 31/03/2009 | 208,017.32                      |
| M03031  | Detection of metal bound prions using MALDI-ToF mass spectrometry  | Veterinary Laboratories Agency | 01/07/2004 | 30/04/2007 | 44,418.36                       |
| M03035  | Optimisation and validation of the ICE test: The first non-invasive, live animal, pre-clinical test for TSEs                       | Veterinary Laboratories Agency | 01/04/2003 | 31/07/2007 | 44,875.33                       |
| M03038  | Development Of rapid high-throughput pre-clinical diagnostic tests For TSEs  | University of Cambridge        | 01/10/2005 | 30/09/2008 | 19,893.00                       |
| M03040  | Development of ex vivo model systems to measure BSE titre  | Veterinary Laboratories Agency | 01/04/2007 | 31/03/2009 | 57,089.65                       |
| M03055  | Assessing the risk to humans of transmission of novel TSE isolates by cell free conversion assays                                  | Roslin Institute               | 01/04/2007 | 31/03/2010 | 68,865.60                       |
| M03056  | The tissue distribution of disease-related PrP and infectivity for atypical scrapie in sheep following experimental oral challenge | Institute for Animal Health    | 01/05/2007 | 30/04/2011 | 79,641.00                       |

|               |  |                                |            |            |                   |
|---------------|--|--------------------------------|------------|------------|-------------------|
| M03057        | Investigation of infectivity of ARR/ARR atypical scrapie in slaughter age sheep by oral dosing of young lambs of the homologous genotype   | Veterinary Laboratories Agency | 15/01/2007 | 31/03/2012 | 38,423.15         |
| M03059        | Distribution of infectivity and PrPSc in edible tissues of scrapie-infected sheep  | Moredun Research Institute     | 01/04/2007 | 31/03/2010 | 81,448.58         |
| M03060        | Quantification of PrPd and correlation with infectivity in scrapie infected sheep tissues destined for human consumption                   | Veterinary Laboratories Agency | 01/04/2007 | 31/03/2010 | 113,678.40        |
| M03061        | Assessing ERAF as a potential marker for BSE   | Roslin Institute               | 01/02/2007 | 31/08/2008 | 69,510.00         |
| M03062        | Development of a multi-marker live animal diagnostic specific to TSE disease in blood plasma which is not reliant on the presence of PrPSc | Institute for Animal Health    | 01/08/2007 | 31/07/2010 | 62,580.00         |
| <b>Total:</b> |  |                                |            |            | <b>895,939.91</b> |

## [N02 - Diet and Cardiovascular Health](#)

**Programme Contact - Miss Emma Peacock, Tel: 020 7276 8921**

**Email: [Emma.Peacock@foodstandards.gsi.gov.uk](mailto:Emma.Peacock@foodstandards.gsi.gov.uk)**

| <b>Project</b> | <b>Project Title</b>  | <b>Contractor</b>                  | <b>Start Date</b> | <b>End Date</b> | <b>Total spend in FY 2007/2008 (£)</b> |
|----------------|---|------------------------------------|-------------------|-----------------|--|
| N02029         | Effect of dietary intake of citrus fruits and leafy green vegetables on vascular function : a randomised controlled trial   | University of Queens Belfast       | 01/01/2004        | 30/06/2007      | 71,099.00                              |
| N02031         | Impact of the amount and composition of dietary fat and carbohydrate on metabolic syndrome and cardiovascular disease risk  | Medical Research Council - HNR     | 01/01/2004        | 31/12/2007      | 272,727.00                             |
| N02034         | To improve understanding of the effects of habitual salt intake on cardiovascular health in adults - Effects of modest salt reduction on blood pressure and target organ damage in patients with untreated essential hypertension | University of London - St George's | 01/01/2004        | 31/12/2007      | 26,543.00                              |
| N02035         | Comparison of effects of increased whole grain foods on markers of cardiovascular risk  | University of Aberdeen             | 01/01/2005        | 30/06/2009      | 124,704.00                             |
| N02036         | Randomised controlled trial to test the impact of increased consumption of whole grain foods on cardiovascular disease risk (the WHOLEheart study)  | University of Newcastle            | 01/01/2005        | 31/12/2007      | 141,741.00                             |
| N02038         | Effect of tomato-rich diet on markers of cardiovascular risk  | University of Aberdeen             | 01/02/2007        | 31/07/2010      | 210,008.00                             |
| N02039         | Impact of increasing doses of flavonoid-rich and flavonoid-poor fruit and vegetables on cardiovascular risk factors in an 'at risk' group (URFAVS)  | University of Reading              | 01/03/2007        | 30/06/2010      | 185,846.00                             |
| <b>Total:</b>  |   |                                    |                   |                 | <b>1,032,668.00</b>                    |

## [N05 - Nutritional Status and Function Research](#)

**Programme Contact - Dr Elaine Stone, Tel: 020 7276 8996**

| Project | Project Title   | Contractor  | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------|---|---|------------|------------|---------------------------------|
| N05049  | The influence of diet in infancy on early growth, and bone health and cognitive function at four years of age   | University of Southampton                           | 01/01/2004 | 30/06/2007 | 67,985.00                       |
| N05053  | A double-blind randomised controlled trial of n-3 long chain fatty acids as a dietary means to slow cognitive and retinal decline in older people in the UK   | University of London - LSHTM                        | 01/03/2004 | 30/09/2008 | 116,404.00                      |
| N05057  | Effects of a mixed diet intervention versus folic acid supplement on folate status and cardiovascular disease (CVD) risk factors in healthy adults  | BBSRC - Institute of Food Research                  | 01/01/2005 | 30/06/2008 | 251,520.00                      |
| N05058  | Selenium, immune status and viral handling  | University of Liverpool                             | 01/01/2005 | 31/12/2008 | 29,385.00                       |
| N05059  | Selenium status and immune function   | BBSRC - Institute of Food Research                  | 02/01/2005 | 31/08/2008 | 53,918.00                       |
| N05061  | An investigation of the functional significance of marginal riboflavin status in young women  | University of Sheffield                             | 01/01/2006 | 31/12/2008 | 113,568.00                      |
| N05063  | Dietary requirements for vitamin D: An investigation of the relative significance of dietary intake and sunlight on vitamin D status in adolescents and adults                                      | University of College Cork                          | 01/01/2006 | 31/12/2008 | 122,631.00                      |
| N05064  | Interaction between diet and sunlight exposure, effect on vitamin D status, functional markers of calcium metabolism and skeletal integrity: a comparative study between two diverse climatic zones | University of Surrey                                | 01/11/2005 | 31/10/2008 | 58,014.00                       |
| N05065  | Assessing the impact of escalating fish oil consumption in different cell types: Implications for UK fatty acid status and dietary recommendations.   | Medical Research Council - HNR                      | 01/01/2006 | 31/12/2008 | 142,224.00                      |
| N05066  | Dose response relationship between n-3 PUFA supply and n-3 PUFA content of transport, storage and functional pools in humans  | University of Southampton                           | 01/01/2006 | 31/12/2008 | 81,153.00                       |
| N05067  | Effect of fruit and vegetable consumption on immune function in the elderly: a randomised controlled trial  | University of Queens Belfast                        | 01/10/2005 | 31/03/2009 | 106,176.00                      |
| N05068  | Effect of a dietary intervention on functional immune status in the elderly   | University of Sheffield - Northern General Hospital | 01/01/2006 | 31/03/2009 | 187,212.00                      |
| N05071  | Maternal, infant and childhood diet: influence on respiratory health and asthma in childhood  | University of Southampton                           | 01/01/2007 | 30/06/2010 | 195,000.00                      |
| N05072  | Vitamin B12, cognitive health and neurological function in older people   | University of London - LSHTM                        | 01/03/2007 | 30/09/2010 | 203,366.00                      |
| N05073  | Development of metabolomics as novel approach to biological indicators which characterise and quantify dietary exposure.  | University of Wales Aberystwyth                     | 01/01/2007 | 31/12/2008 | 291,416.00                      |
| N05074  | Validating in vivo biomarkers of colonic carbohydrate and protein fermentation  | University of Glasgow                               | 01/07/2007 | 30/06/2009 | 83,682.00                       |
| N05075  | Biomarkers of whole-grain intake; contribution of alkylresorcinols and mammalian lignans to the metabolome  | University of Newcastle                             | 01/01/2007 | 30/11/2009 | 194,427.00                      |

|        |  |                                |            |            |              |
|--------|--|--------------------------------|------------|------------|--------------|
| N05076 | The analysis of 25-hydroxy vitamin D to compare four different methods | Medical Research Council - HNR | 03/09/2007 | 05/11/2007 | 6,188.00     |
| Total: |  |                                |            |            | 2,304,269.00 |

### [N08 - Dietary Surveys and Food Composition \(Research\)](#)

**Programme Contact - Mrs Gillian Swan Tel: 020 7276 8912**

**Email: [Gillian.Swan@foodstandards.gsi.gov.uk](mailto:Gillian.Swan@foodstandards.gsi.gov.uk)**

| Project | Project Title   | Contractor                | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------|---|---------------------------|------------|------------|---------------------------------|
| N08027  | Portion size assessment tools for use with children - further development and validation  | University of Newcastle   | 01/07/2007 | 28/02/2009 | 143,725.00                      |
| N08028  | Informed systematic review and critical comparison of analytical methods for the quantification of blood folate status in the population. | Rowett Research Institute | 29/10/2007 | 07/07/2008 | 24,063.00                       |
| Total:  |   |                           |            |            | 167,788.00                      |

### [N09 - Food Acceptability and Choice](#)

**Programme Contact - Dr Vivien Lund, Tel: 020 7276 8764**

**Email: [Vivien.Lund@foodstandards.gsi.gov.uk](mailto:Vivien.Lund@foodstandards.gsi.gov.uk)**

| Project | Project Title   | Contractor                         | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------|---|------------------------------------|------------|------------|---------------------------------|
| N09018  | Using village shops to promote healthier food choices in rural Norfolk  | BBSRC - Institute of Food Research | 01/10/2003 | 30/11/2007 | 8,245.00                        |
| N09020  | Evaluation of snacking behaviour in children and adolescents: associations with body composition, physical activity and risk of obesity | University of Ulster               | 01/03/2005 | 20/12/2007 | 44,447.50                       |
| N09021  | Investigation of the contribution made by food portion size to food and energy intake   | University of Ulster               | 01/07/2005 | 30/09/2007 | 110,383.00                      |
| N09025  | Food choice and changes in body weight and shape after smoking cessation  | University of Glasgow              | 01/09/2007 | 28/02/2010 | 179,460.00                      |
| Total:  |   |                                    |            |            | 342,535.50                      |

### [N10 - Dietary Surveys and Nutrients in Food - Surveillance](#)

**Programme Contact - Mrs Gillian Swan, Tel: 020 7276 8912**

**Email: [Gillian.Swan@foodstandards.gsi.gov.uk](mailto:Gillian.Swan@foodstandards.gsi.gov.uk)**

| Project | Project Title | Contractor | Start Date | End Date | Total spend in FY 2007/2008 (£) |
|---------|---------------|------------|------------|----------|---------------------------------|
|---------|---------------|------------|------------|----------|---------------------------------|

|               |   |                                     |            |            |                     |
|---------------|---|-------------------------------------|------------|------------|---------------------|
| N10013        | Low income diet and nutrition survey                                  | National Centre for Sensor Research | 02/01/2002 | 30/06/2007 | 295,761.00          |
| N10032        | Databank of nutrient contents of processed food products              | ADAS Consulting                     | 01/10/2004 | 31/05/2007 | 19,824.19           |
| N10036        | National diet and nutrition survey rolling programme                  | National Centre for Sensor Research | 01/08/2006 | 31/03/2013 | 1,768,204.00        |
| N10038        | Nutritional analysis of commonly consumed South Asian foods in the UK | University of Leeds                 | 01/02/2007 | 30/06/2007 | 91,606.00           |
| <b>Total:</b> |   |                                     |            |            | <b>2,175,395.19</b> |

## [N12 - Diet and Colonic Health](#)

**Programme Contact - Dr Elaine Stone, Tel: 020 7276 8996**

**Email: [Elaine.Stone@foodstandards.gsi.gov.uk](mailto:Elaine.Stone@foodstandards.gsi.gov.uk)**

| Project       | Project Title   | Contractor  | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------------|---|---|------------|------------|---------------------------------|
| N12012        | Gastro-intestinal health with special emphasis on reduction of risk of colon cancer and inflammatory bowel disease (FishGastro)                           | BBSRC - Institute of Food Research                  | 01/01/2004 | 31/12/2008 | 47,632.00                       |
| N12013        | Further development of a non-invasive biomarker to monitor gastro-intestinal health with special emphasis on reduction of risk of colon cancer (BIOMICS)  | University of Friedrich-Schiller                    | 01/09/2004 | 31/12/2009 | 37,412.00                       |
| N12014        | Faecal methylation, gene expression and disease outcome in people consuming fish  | BBSRC - Institute of Food Research                  | 01/10/2004 | 30/09/2008 | 24,378.00                       |
| N12015        | Validation of novel diet-related biomarkers of early colorectal neoplasia - use of proteomic technology and identification of mitochondrial DNA mutations | University of Newcastle                             | 01/01/2005 | 31/03/2009 | 205,776.00                      |
| N12016        | Markers of systemic and mucosal inflammation as biomarkers of vulnerability to colorectal cancer.   | BBSRC - Institute of Food Research                  | 01/10/2005 | 30/09/2007 | 63,318.00                       |
| N12017        | Protein acetylation as a diet-modifiable biomarker of colorectal cancer risk  | University of Sheffield - Northern General Hospital | 01/07/2006 | 30/06/2009 | 56,448.00                       |
| <b>Total:</b> |   |   |            |            | <b>434,964.00</b>               |

## [N14 - Food Choice Inequalities](#)

**Programme Contact - Dr Vivien Lund, Tel: 020 7276 8764**

**Email: [Vivien.Lund@foodstandards.gsi.gov.uk](mailto:Vivien.Lund@foodstandards.gsi.gov.uk)**

| Project | Project Title  | Contractor                     | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------|--|--------------------------------|------------|------------|---------------------------------|
| N14005  | A 'smart' lunchbox template intervention   | University of Leeds - Nuffield | 01/01/2006 | 31/08/2008 | 192,872.88                      |
| N14008  | Middlesbrough on the Move: The effectiveness of a community challenge to promote healthy diets and levels of physical activity | University of Teesside         | 08/12/2006 | 30/09/2009 | 311,716.11                      |

[Q01 - Food Authenticity \(Research\)](#)**Programme Contact - Dr Mark Woolfe, Tel: 020 7276 8176****Email: [Mark.Woolfe@foodstandards.gsi.gov.uk](mailto:Mark.Woolfe@foodstandards.gsi.gov.uk)**

| Project | Project Title  | Contractor                            | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------|--|---------------------------------------|------------|------------|---------------------------------|
| Q01086  | The development of methods to determine the geographical origin of poultry   | BBSRC - Institute of Food Research    | 01/09/2003 | 31/08/2007 | 102,034.90                      |
| Q01092  | Production and use of monoclonal anti-albumin antibodies to monitor the presence of bovine and porcine blood proteins in processed meat products.  | University of Nottingham Trent        | 01/10/2004 | 30/09/2007 | 24,705.00                       |
| Q01098  | TRACE - Tracing the origin of food   | BBSRC - Institute of Food Research    | 02/01/2005 | 31/01/2008 | 17,888.00                       |
| Q01099  | Extending the lab-on-a-chip PCR-RFLP database for a wider range of commercial fish species   | CCFRA                                 | 24/10/2005 | 30/09/2007 | 20,100.00                       |
| Q01100  | Development of Assays for the quantification of white fish in commercial products using real-time PCR  | Central Science Laboratory            | 01/10/2005 | 30/05/2007 | 10,470.00                       |
| Q01102  | Metabolomic approach to identification of robust markers for the detection of MRM/MSM in meat products   | University of London - Royal Holloway | 24/10/2005 | 30/11/2007 | 41,639.25                       |
| Q01104  | A proteomic approach to the determination of meat species within a mixed meat product.   | University of London - Royal Holloway | 01/04/2005 | 30/11/2007 | 51,543.03                       |
| Q01105  | Proteomic detection and quantification of offal  | University of Nottingham Trent        | 01/09/2006 | 31/10/2009 | 36,600.00                       |
| Q01106  | Transfer of the real-time PCR method to detect and quantify common wheat adulteration of pasta to the LabChip capillary electrophoresis system     | RHM Technology                        | 01/06/2006 | 30/09/2007 | 16,200.00                       |
| Q01107  | The adaptation and validation of real-time PCR methods, for exotic species identification, for analysis on a capillary electrophoresis chip system | Central Science Laboratory            | 01/09/2006 | 31/08/2007 | 25,454.56                       |
| Q01108  | Adaptating and Validating DNA Methods for Basmati and Other Fragrant Rices for the LabChip system  | Food DNA Services                     | 12/06/2006 | 20/06/2007 | 17,100.00                       |
| Q01109  | Adaptation of DNA analysis techniques for the identification of illegally imported bushmeat for use on the Agilent 2100 bioanalyser                | Food DNA Services                     | 12/06/2006 | 12/07/2007 | 13,000.00                       |
| Q01110  | An evaluation of lectin chip array technology to identify the species of origin of milk used in the production of mozzerralla cheese.              | Leatherhead Food International        | 01/07/2006 | 25/08/2008 | 56,252.00                       |
| Q01111  | Evaluation of DNA based methods for fruit juice authenticity using lab-on-a-chip capillary electrophoresis endpoint detection                      | CCFRA                                 | 01/12/2006 | 30/05/2008 | 11,529.42                       |
| Q01114  | Evaluation of DNA based methods for fruit juice authenticity using lab-on-a-chip capillary electrophoresis endpoint detection                      | Leatherhead Food International        | 01/11/2006 | 30/11/2008 | 20,400.00                       |

|               |  |                                       |            |            |                   |
|---------------|--|---------------------------------------|------------|------------|-------------------|
| Q01115        | A protein based method for the detection of gelatine in plant based foods and beverages                              | University of London - Royal Holloway | 01/01/2007 | 31/01/2008 | 64,020.33         |
| Q01117        | Measurement of animal based ingredients in composite imported foods to determine whether health checks are necessary | CCFRA                                 | 01/01/2007 | 31/12/2007 | 22,787.32         |
| Q01118        | Development of a method to detect gelatine in vegetarian products  | Central Science Laboratory            | 01/03/2007 | 01/03/2008 | 51,785.87         |
| Q01120        | Measurement of animal based ingredients (milk, egg and crustaceans) in composite imported foods                      | Leatherhead Food International        | 01/02/2007 | 31/05/2008 | 52,186.92         |
| Q01121        | TRACE –Tracing Food Commodities in Europe  | Central Science Laboratory            | 01/04/2007 | 31/12/2009 | 54,938.40         |
| Q01123        | Confirming the Origin of British Beef using Multi-Isotope and Multi-Element Analysis                                 | BBSRC - Institute of Food Research    | 03/12/2007 | 31/01/2010 | 34,514.73         |
| Q01124        | Assessing the origin of wine using existing compositional information  | Central Science Laboratory            | 01/12/2007 | 31/05/2009 | 30,073.00         |
| <b>Total:</b> |  |                                       |            |            | <b>775,222.73</b> |

## [R04 - Radioactivity In Food](#)

**Programme Contact - Mr Stuart Conney, Tel: 020 7276 8782**

**Email: [Stuart.Conney@foodstandards.gsi.gov.uk](mailto:Stuart.Conney@foodstandards.gsi.gov.uk)**

| Project       | Project Title  | Contractor                             | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------------|--|--|------------|------------|---------------------------------|
| N08021        | Total Diet Study   | BMRB                                   | 01/01/2008 | 31/12/2009 | 33,450.00                       |
| N08022        | Total Diet Study   | BBSRC - Institute of Food Research     | 01/01/2008 | 31/12/2009 | 101,156.18                      |
| R01061        | Tritium concentrations in crops fertilised with contaminated sewage sludge   | National Radiological Protection Board | 30/09/2004 | 15/06/2007 | 34,557.00                       |
| R01062        | An assessment of the availability of Tc-99 to marine foodstuffs from contaminated sediments  | CEFAS - Lowestoft                      | 01/04/2005 | 31/03/2008 | 22,868.52                       |
| R03025        | Radioanalysis of 'Canteen Meal' samples collected April 2005 - December 2008   | National Radiological Protection Board | 01/04/2005 | 31/03/2009 | 3,162.00                        |
| R04003        | Investigation of the transfer of radioactivity from seaweed to terrestrial foods - radiological assessment and implications for future monitoring. | Health Protection Agency               | 01/09/2006 | 01/09/2009 | 19,731.00                       |
| <b>Total:</b> |  |  |            |            | <b>214,924.70</b>               |

## [S01 & S14 FSA Scotland - Research, Surveillance & Monitoring](#)

**Programme Contact - Dr Anna Whyte, Tel: 01224 285 119**

**Email: [Anna.Whyte@foodstandards.gsi.gov.uk](mailto:Anna.Whyte@foodstandards.gsi.gov.uk)**

| Project | Project Title | Contractor | Start Date | End Date | Total spend in FY 2007/2008 (£) |
|---------|---------------|------------|------------|----------|---------------------------------|
|---------|---------------|------------|------------|----------|---------------------------------|



|               |  |                                     |            |            |                   |
|---------------|--|-------------------------------------|------------|------------|-------------------|
| S14005        | Prevalence and concentration of <i>Escherichia coli</i> serotype O157 and other VTEC in sheep presented for slaughter in Scotland.         | SAC Commerical Ltd                  | 01/07/2005 | 30/09/2007 | 24,230.00         |
| S14006        | The molecular epidemiology of Scottish <i>Campylobacter</i> isolates from human cases of infection using Multilocus Sequence Typing (MLST) | University of Aberdeen              | 01/06/2005 | 30/11/2007 | 56,000.00         |
| S14029        | Survey to measure intake of non-milk extrinsic sugar in Scottish children  | Scottish Centre for Social Research | 01/11/2005 | 31/03/2008 | 81,744.00         |
| S14031        | SARF 013 - Risk factors in shellfish harvesting areas  | Scottish Aquaculture Research Forum | 01/12/2005 | 31/12/2007 | 20,000.00         |
| S14042        | Selenium content of Scottish products  | Central Science Laboratory          | 04/02/2008 | 27/03/2009 | 16,537.05         |
| <b>Total:</b> |  |                                     |            |            | <b>198,511.05</b> |

### T01 - Risk Assessment

**Programme Contact - Dr Caroline Tahourdin, Tel: 020 7276 8520**

**Email: [Caroline.Tahourdin@foodstandards.gsi.gov.uk](mailto:Caroline.Tahourdin@foodstandards.gsi.gov.uk)**

| Project       | Project Title  | Contractor                                | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------------|--|---|------------|------------|---------------------------------|
| T01033        | Assessment of caffeine consumption, altered caffeine metabolism and pregnancy outcome  | University of Leeds - Nuffield            | 01/01/2003 | 30/06/2007 | 24,963.00                       |
| T01034        | Risk assessment of dietary dioxins   | University of Nottingham                  | 01/09/2003 | 31/03/2008 | 60,368.00                       |
| T01040        | Development of methods for the assessment of the health effects from mixtures of food additives (continuation of T01021) - linked to Prof Lake's project of the same name) | TNO                                       | 01/06/2006 | 31/08/2007 | 16,457.34                       |
| T01041        | Development of methods for the assessment of the health effects from mixtures of food additives (continuation of T01021 linked to Dr Stierum's project of the same name)   | Leatherhead Food International            | 01/06/2006 | 31/08/2007 | 17,437.00                       |
| T01042        | Quality of life- integrated benefit and risk analysis: Web-based tool for assessing food safety and health benefits  | Central Science Laboratory                | 01/08/2006 | 30/09/2009 | 98,597.00                       |
| T01045        | The assessment of joint endocrine effects of multi-component mixtures of food contaminants and additives   | University of London - School of Pharmacy | 01/03/2007 | 28/02/2010 | 90,210.20                       |
| T01048        | Effect of cruciferous vegetable dietary intervention in humans on urinary metabonomic profile  | University of London - Imperial           | 15/03/2007 | 31/03/2008 | 9,202.00                        |
| <b>Total:</b> |  |   |            |            | <b>317,234.54</b>               |

### T05 - Phytoestrogens in the Diet

**Programme Contact - Dr David Gott, Tel: 020 7276 8535**

**Email: [David.Gott@foodstandards.gsi.gov.uk](mailto:David.Gott@foodstandards.gsi.gov.uk)**

| Project | Project Title | Contractor | Start Date | End Date | Total spend in FY 2007/2008 (£) |
|---------|---------------|------------|------------|----------|---------------------------------|
|---------|---------------|------------|------------|----------|---------------------------------|

|               |   |   |            |            |                  |
|---------------|---|---|------------|------------|------------------|
| T05028        | Dietary and biomarker prospective study of phytoestrogens in breast and prostate cancer                             | Medical Research Council - Dunn Nutrition | 01/10/2004 | 01/07/2008 | 43,545.60        |
| T05029        | A double blind placebo controlled crossover trial of soy phytoestrogens in patients with compensated hypothyroidism | University of Hull                        | 03/01/2005 | 29/02/2008 | 54,542.00        |
| <b>Total:</b> |   |   |            |            | <b>98,087.60</b> |

### [T07 - Food Intolerance](#)

**Programme Contact - Dr Joelle Buck, Tel: 020 7276 8516**

**Email: [Joelle.Buck@foodstandards.gsi.gov.uk](mailto:Joelle.Buck@foodstandards.gsi.gov.uk)**

| Project       | Project Title  | Contractor                   | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------------|--|------------------------------|------------|------------|---------------------------------|
| T07040        | Chronic and acute effects of artificial colourings and preservatives on children's behaviour   | University of Southampton    | 01/09/2004 | 28/03/2008 | 185,000.00                      |
| T07041        | The role of peanut-specific T cell responses in children with peanut allergy and in children who are tolerant to peanuts   | University of London - KCL   | 01/04/2004 | 30/03/2008 | 45,868.96                       |
| T07042        | Longitudinal study of t cell responses in development and resolution of food allergy   | University of Cambridge      | 01/07/2004 | 31/01/2010 | 79,277.00                       |
| T07046        | The prevalence of food allergy and weaning practises in a birth cohort of UK infants   | University of Southampton    | 01/08/2005 | 31/10/2009 | 224,093.08                      |
| T07049        | Characterisation of the immune mechanisms involved in the induction of oral tolerance to peanuts in children   | University of London - KCL   | 01/07/2007 | 31/07/2012 | 138,418.32                      |
| T07052        | Systematic review of the literature on early life patterns of exposure to, or avoidance of food allergens and later development of sensitisation and clinical allergy, with particular reference to peanut allergy | British Nutrition Foundation | 08/10/2007 | 31/05/2008 | 23,883.88                       |
| <b>Total:</b> |  |                              |            |            | <b>696,541.24</b>               |

### [T10 - Risk Assessment of Mixtures of Pesticides and Similar Substances](#)

**Programme Contact - Dr Diane Benford, Tel: 020 7276 8510**

**Email: [Diane.Benford@foodstandards.gsi.gov.uk](mailto:Diane.Benford@foodstandards.gsi.gov.uk)**

| Project | Project Title  | Contractor                               | Start Date | End Date   | Total spend in FY 2007/2008 (£) |
|---------|--|--|------------|------------|---------------------------------|
| T10004  | Use of protein profiles to characterise the concentration-effect curve of mixtures of estrogenic compounds | University of London - Imperial          | 01/11/2004 | 31/07/2007 | 52,381.00                       |
| T10008  | Dose-response and mixture response of pesticides in <i>in vitro</i> and <i>in vivo</i>                     | Health and Safety Laboratory - Sheffield | 01/01/2005 | 31/07/2008 | 26,340.00                       |
| T10009  | Development of diagnostic immunoassays for biomarkers of pesticide exposure                                | ADAS Consulting                          | 01/10/2004 | 31/01/2008 | 44,346.00                       |

|               |   |  |            |            |                   |
|---------------|---|--|------------|------------|-------------------|
| T10011        | Interindividuality in cytochrome P450 and paraoxonase mediated metabolism of mixtures of pesticides   | CXR Biosciences                          | 01/03/2005 | 28/02/2008 | 121,813.00        |
| T10013        | Development of cost-effective biomarkers for herbicides and fungicides  | Health and Safety Laboratory - Sheffield | 01/04/2006 | 01/12/2007 | 25,632.64         |
| T10014        | A study to identify small metabolite biomarkers of effect following exposure to single or mixtures of pesticides  | Centre for Ecology & Hydrology           | 01/11/2006 | 31/10/2009 | 112,167.72        |
| T10015        | Functional impact of polymorphisms of transport proteins upon pesticide delivery to the CNS   | University of Newcastle                  | 01/04/2006 | 31/03/2008 | 60,256.20         |
| T10016        | Characterisation of the nature of combined actions of chemical mixtures and estimation of dose response relationships for pesticide mixtures                                | Central Science Laboratory               | 01/07/2006 | 30/06/2008 | 42,175.50         |
| T10017        | A pilot study to assess the effects of co-exposure to organophosphates, carbamates and pyrethroids on the rate of metabolic detoxification via hydrolysis.                  | Health and Safety Laboratory - Sheffield | 01/04/2006 | 31/10/2006 | 6,258.80          |
| T10019        | The effects of storage time, preparation and cooking method on residual pesticide levels in apples and potatoes treated with a suite of commonly used permitted pesticides. | Agri-Food and Biosciences Institute      | 01/07/2006 | 31/03/2009 | 59,088.75         |
| T10020        | Application of protein profiles to identify common mechanism groups of pyrethrins and pyrethroids   | University of London - Imperial          | 14/08/2006 | 13/08/2009 | 59,883.81         |
| T10021        | Immunoassay detection of urinary biomarkers of pesticide exposure   | ADAS Consulting                          | 01/07/2006 | 30/06/2009 | 90,968.00         |
| <b>Total:</b> |   |  |            |            | <b>701,311.42</b> |

## [Social Science](#)

**Programme Contact - Dr Jane Barrett, Tel: 020 7276 8263**

**Email: [Jane.Barrett@foodstandards.gsi.gov.uk](mailto:Jane.Barrett@foodstandards.gsi.gov.uk)**

| <b>Project</b> | <b>Project Title</b>  | <b>Contractor</b>                     | <b>Start Date</b> | <b>End Date</b> | <b>Total spend in FY 2007/2008 (£)</b> |
|----------------|---|---------------------------------------|-------------------|-----------------|--|
| B13008         | An investigation into the attitudes and behaviours of consumers and caregivers in the preparation, handling, Storage and feeding of powdered infant formula inside and outside the home | University of Wales Institute Cardiff | 01/05/2007        | 30/04/2009      | 42,170.40                              |
| C03058         | To conduct an investigation into the variety, availability and consumption of ethnic foods on the UK market liable to mycotoxin contamination   | Leatherhead Food International        | 01/04/2007        | 31/12/2007      | 48,006.00                              |
| D03007         | Distinguishing between the impact of economic and social conditions as contributory factors leading to poor dietary choice.   | University of Reading                 | 15/01/2007        | 23/07/2007      | 36,958.00                              |
| E03008         | Evaluation and Review of National and Local Authority Hygiene Award Schemes in the UK   | University of London - KCL            | 01/04/2006        | 31/07/2007      | 112,484.00                             |

|               |   |                                     |            |            |                     |
|---------------|---|-------------------------------------|------------|------------|---------------------|
| E03010        | Evaluation of effectiveness and cost benefit of two different enforcement regimes in meat plants  | ADAS Consulting                     | 01/08/2006 | 31/10/2009 | 16,860.00           |
| N08027        | Portion Size Assessment Tools for use with Children - Further development and validation  | University of Newcastle             | 01/07/2007 | 28/02/2009 | 143,725.00          |
| N09018        | Using Village shops to promote healthier food choices in Rural Norfolk  | BBSRC - Institute of Food Research  | 01/10/2003 | 30/11/2007 | 8,245.00            |
| N09020        | Evaluation of snacking behaviour in children and adolescents: associations with body composition, physical activity and risk of obesity | University of Ulster                | 01/03/2005 | 20/12/2007 | 44,447.50           |
| N09021        | Investigation of the contribution made by food portion size to food and energy intake   | University of Ulster                | 01/07/2005 | 30/09/2007 | 110,383.00          |
| N09025        | Food choice and changes in body weight and shape after smoking cessation  | University of Glasgow               | 01/09/2007 | 28/02/2010 | 179,460.00          |
| N10013        | Low income diet and nutrition survey  | National Centre for Sensor Research | 02/01/2002 | 30/06/2007 | 295,761.00          |
| N10036        | National Diet and Nutrition Survey Rolling Programme  | National Centre for Sensor Research | 01/08/2006 | 31/03/2013 | 1,768,204.00        |
| N14005        | A 'smart' lunchbox template intervention  | University of Leeds - Nuffield      | 01/01/2006 | 31/08/2008 | 192,872.88          |
| N14008        | Middlesbrough on the Move: The effectiveness of a community challenge to promote healthy diets and levels of physical activity          | University of Teesside              | 08/12/2006 | 30/09/2009 | 311,716.11          |
| S14029        | Survey to measure intake of non-milk extrinsic sugar in Scottish children   | Scottish Centre for Social Research | 01/11/2005 | 31/03/2008 | 81,744.00           |
| T07046        | The prevalence of food allergy and weaning practises in a birth cohort of UK infants  | University of Southampton           | 01/08/2005 | 31/10/2009 | 224,093.08          |
| <b>Total:</b> |   |                                     |            |            | <b>3,617,129.97</b> |