

## **Appendix 1- Definitions and glossary of terms**

### ***Acceptable Daily Intake (ADI)***

The Acceptable Daily Intake (ADI) for humans is defined as an estimate of the amount of a chemical that can be ingested daily over a lifetime without appreciable risk to health (WHO 2001). ADIs are set using information obtained from toxicological studies, including data from studies on various laboratory animals. From these studies, a No Observable Effect Level (NOEL) is established. The NOEL is the highest dose level that produces no observable toxic effect in the most sensitive test species and is expressed in milligrams per kilogram of body weight per day (mg/kg bw/day). The ADI is derived by applying a safety factor to the NOEL. The safety factor takes into consideration the nature of the effect, differences between laboratory test animals and humans, and genetic variation in the human population. If any information on exposure in humans is available, usually from short to mid-term studies, this will be used to set the ADI. The unit for the ADI is milligrams per kilogram of body weight per day.

### ***Limit of Detection (LOD)***

The LOD is the lowest concentration of a chemical that can be qualitatively detected using a specified laboratory method and/or item of laboratory equipment (i.e. its presence can be detected but not quantified). For the purposes of this study, analytical results reported as being less than the LOD were assumed to be zero.

### ***Limit of Quantification (LOQ)***

The LOQ is the lowest concentration of a chemical that can be detected and quantified, with an acceptable degree of certainty, using a specified laboratory method and/or item of laboratory equipment.

### ***Limit of Reporting (LOR)***

The LOR is the lowest concentration level that the laboratory reports analytical results. For the purposes of this report, the LOQ was chosen as the basis for the LOR (i.e. the LOR is equivalent to the LOQ)

## Appendix 2- Sampling instructions as provided to the NMI for the FSANZ survey

The INS numbers and corresponding names of colours that were analysed for in the survey are listed in Table 1, below. All foods and beverages purchased for the survey included at least one of these colours, listed by number or name, in the ingredients list on the food or beverage label, except for those samples identified with the numbers one (1), two (2) or (3) in superscript in Table 2, which may or may not claim to have added colour.

**Table 1: Colours to be tested for in the survey**

INS Number	Additive Name
<b>Synthetic Colours</b>	
123	Amaranth
127	Erythrosine
102	Tartrazine
104	Quinoline
110	Sunset yellow FCF
122	Azorubine / Carmoisine
124	Ponceau 4R
129	Allura red AC
132	Indigotine
133	Brilliant blue FCF
142	Green S
143	Fast green FCF
151	Brilliant black BN
155	Brown HT
<b>Natural Colours</b>	
120	Cochineal & Carmine
160b	Annatto

### ***Buying Instructions***

Most items on the sampling list are nationally available in major supermarkets. In most cases, the samples are foods which claim to contain at least 1 of the colours of interest in this survey (Table 1). When purchasing samples, if specified brands are not available, then a similar product in a leading brand can be purchased instead.

The sampling list includes instructions to purchase some highly coloured foods that claim to have no added colours or only natural colours in the ingredients list. These samples have been included for the purpose of compliance testing.

A number of food categories include instructions to purchase samples of imported products from minor supermarkets. These samples have also been included for the purpose of compliance testing. In these cases, highly coloured foods, especially those with non-compliant labelling, should be purchased. Examples of non-compliant labelling would include: an absence of ingredients list; or colours stated in ingredients list but the numbers or names of the colours omitted.

The quantity of food or volume of beverage needed to make up one sample depends on the number of analyses required on the food/beverage. For foods and beverages

requiring a single analysis at least 200g and 200ml should be purchased for each sample, respectively. For foods and beverages requiring multiple analyses at least 400g and 400ml should be purchased for each sample, respectively.

**Handling Instructions**

Products requiring refrigeration, e.g. meat and cheese, should be refrigerated as soon as possible after being purchased.

**Food preparation instructions**

In most cases, samples were analysed individually. However, because added colours are generally not distributed evenly throughout the product, each sample was blended thoroughly prior to analysis. The contents of multi packs were composited to reflect the proportions of added colours in the packet as a whole, as this most accurately represents typical consumption of multi-packs.

Four composite samples were analysed, as identified in Table 2. These were pick-and-mix confectionery (soft-type and jelly-type), wheat biscuit type breakfast cereal and extruded type breakfast cereal. Each composite sample was composed of equal amounts of each food product mixed thoroughly together.

**Table 2: Food sampling list and instructions**

<b>Food category</b>	<b>No. of samples</b>	<b>Comments</b>
Flavoured Milk (Including Thickshake)	13	Chocolate, Strawberry, Caramel Flavours
Flavoured Soy Beverages	2	Strawberry And Chocolate Flavours
Flavoured Yoghurt	13	Variety Of Flavours, Full And Low Fat Types, Children's Pink Coloured Yoghurt Without colour 120 In The Ingredients List <sup>3</sup>
Frozen Yoghurt	3	Strawberry And Berry Flavours, Full And Low Fat
Soy Yoghurt	2	Apricot, Mango And Vanilla Flavours
Processed Cheese	6	Slices And Spreads, Full Fat And Light Varieties <sup>2</sup>
Margarine And Oil Emulsions	5	Regular, Reduced Fat And Reduced Salt Varieties <sup>2</sup>

<b>Food category</b>	<b>No. of samples</b>	<b>Comments</b>
Ice Cream/Ice Confectionery Blocks/Sticks	22	Variety Of Flavours, With/Without Additions, Ice Cream And Water Ice Based
Ice Cream Tub	15	Variety Of Flavours, With/Without Additions, Full Fat And Light Varieties
Fruit & Vegetables in brine, vinegar, oil or alcohol	1	Gherkins
Fruit & Vegetable Spreads	8	Variety Of Conserves, Chutney And Vegetable Spreads <sup>1</sup>
Candied Fruit & Vegetable	1	Glace Cherries
Chocolate Bars/Pieces (Colours Permitted Only On Surface)	12	Variety Of Flavours, Plain And Filled, Imported Products <sup>1</sup>
Chocolate Block (Colours Permitted Only On Surface)	2	Plain And Filled
Chocolate, Boxed (Colours Permitted Only On Surface)	2	Variety Of Flavours, Plain And Filled
Sugar Confectionery	32	Variety Of Flavours, Soft/Jelly Type And Boiled, Imported Products <sup>1</sup>
Bubble Gum & Chewing Gum	4	Variety Of Flavours, Added Sugar And Sugar-Free
Custard Powder	2	Vanilla Custard Powder
Breakfast Cereal - Puffed/Extruded	11	Variety Of Flavours <sup>1</sup>
Pasta	3	Fettuccine <sup>2</sup> , Tortellini <sup>2</sup> , Ravioli <sup>2</sup>
Noodles & Instant Noodles	8	Egg, Rice And Wheat Based <sup>1</sup>
Biscuits - Sweet	21	Variety Of Flavours, Iced/Uniced, Products Claiming All Natural Ingredients <sup>1</sup> , Imported Sweet Biscuits <sup>1</sup>

<b>Food category</b>	<b>No. of samples</b>	<b>Comments</b>
Biscuits - Savoury	13	Variety Of Flavours, Imported Savoury Biscuits <sup>1</sup>
Bakery Products	24	Cakes, Muffins (Including Dry Mix), Slices And Pastries
Processed Meat	9	Variety Of Sliced Meats And Sausages <sup>1</sup>
Cordial	16	Variety Of Flavours, Including Highly Coloured Products Claiming No Artificial Colours <sup>1</sup>
Fruit Juice/Fruit Drink, Including Low Joule	11	Variety Of Flavours, Including A Highly Coloured Product Claiming No Artificial Colours <sup>1</sup>
Sports/Energy Drink	6	Variety Of Flavours
Soft Drink	25	Variety Of Flavours, Including Diet And Imported Soft Drink <sup>1</sup>
Mixed Alcoholic Drinks	4	Vodka Base <sup>1</sup>
Beverage Flavouring	3	Strawberry And Banana Flavours
Dairy Based Dessert	16	Custard, Cheesecake, Mousse
Jelly	8	Orange, Green And Yellow Coloured
Breakfast, Muesli & Fruit & Nut Based Bars Plus Confectionery Bars	11	Variety Of Flavours
Frozen Potato Chips	2	Straight Cut <sup>2</sup> And Wedges
Topping	6	Chocolate, Strawberry And Caramel

<b>Food category</b>	<b>No. of samples</b>	<b>Comments</b>
Sauces/Pastes/Gravy	12	Variety Of Ready-To-Eat And Packet Mix Including Highly Coloured Sauce/Paste <sup>1</sup>
Prepared Dish - Savoury	12	Variety Of Ready-To-Eat Meals
Pastry Dish - Savoury	11	Variety Of Meat And Vegetarian
Pizza	2	Frozen- Meat And Vegetarian
Crumbed Fish/Meat	5	Fish <sup>2</sup> And Beef <sup>2</sup>
Savoury Snacks	17	Potato Crisps, Corn Chips, Extruded Snack Foods, Including Imported Snack Products <sup>1</sup>
Dip	5	Variety Of Flavours, Including Highly Coloured Dip Without Synthetic Colours, 120 Or 160b In Ingredients List <sup>1</sup>
<b>Total</b>	<b>403</b>	

1. Samples to be analysed for synthetic colours and cochineal and carmine and annatto.
2. Samples to be analysed for annatto only.
3. Samples to be analysed for cochineal and carmine only.

## Appendix 3- Foods sampled – FSANZ and SA surveys

**Table 3.1: FSANZ and SA survey foods**

Food Sample	Survey Food Code	Colours Declared on the Food Label (Name/INS no.)
<b>Beverage Flavouring</b>		
Strawberry	287	120
Strawberry	288	120
Banana	289	160b
<b>Biscuits, Savoury</b>		
Rice snack	190	110, 102
French Onion & Cheese	191	100, 160c, 160b, 171
Cheese & Bacon	192	150
Cheese	193	100, 160b, 160c
Corn & Cheese Rice Crackers	194	160b
Sour Cream & Chives	195	102, 110, 160c
Wheat	196	160b
Cheese	197	160b
Corn & Cheese Rice Snacks	198	160b
BBQ Flavour Rice Crackers	199	160c
Pizza Flavour	200	100, 160c
Roasted Garlic	201	160a
Cheese Crackers	618	102, 110
<b>Biscuits, Sweet</b>		
Chocolate/Malt & Chocolate Cream	160	102, 110, 129, 133, 150
Cherry Flavour	161	102, 122, 150c
Vanilla & Icing	162	102, 110, 120, 129
Assorted Creams	163	129, 132, 102, 110, 150
Vanilla & Hundred & Thousands	164	102, 110, 129, 133
Apricot	165	160b
Shortbread & Raspberry Cream	166	129, 132
Honey, coconut, vanilla cream & raspberry jam	167	129
Ice cream cone	168	155, 102, 133, 110
Chocolate Cream Wafer	169	150c
Raspberry Tartlets	170	129, 133, 102, 110
Strawberry & Chocolate	171	122, 150a
Chocolate	172	160b
Mandarin Slice	173	150, 160b
Jam Biscuit	174	160b
Strawberry & Marshmallow	175	120
Chocolate & Caramel	176	129, 102, 133
Honey & cream	177	120
Yoghurt & Mixed Berry	178	None
Orange cream	179	102, 110
Vanilla & Milk Chocolate	180	171, 104, 120, 100, 132, 133, 153
Jam	219	102, 110, 124, 132
Lemon flavour	610	102, 110
Milk chocolate & Cherry	611	110, 155, 102, 123
Raspberry Shortcake	612	110, 129
Strawberry Cream Wafer	613	102, 110

<b>Food Sample</b>	<b>Survey Food Code</b>	<b>Colours Declared on the Food Label (Name/INS no.)</b>
Chocolate, Vanilla & Strawberry Wafer	614	110, 129
Fruit Flavour	615	102, 110, 129
Assorted	616	
Chocolate/Malt & Chocolate Cream	617	102, 110, 129, 133
Chocolate Coated Biscuits	619	102, 110
Fruit Biscuits	620	
Orange Slice	621	102, 110
Orange Cream	622	102, 110
Vanilla & Hundred & Thousands	623	102, 110, 124, 133
Honey Flavoured	624	102
<b>Breakfast Cereal</b>		
Wheat Biscuits & Apricot	143	160b
Wheat Flakes & Apricot	144	160b
Fruit Flavoured Corn, Oats & Wheat	145	110, 129, 133, 100
Fruit Flavoured Corn, Oats & Wheat	146	102, 110, 122, 133
Wholegrain Wheat	147	None
Cornflakes, Puffed Rice, Extruded Grain, Puffed Rice & Cocoa	148	Paprika, Turmeric
Wheat Biscuits & Fruit	431	
Soy Linseed & Bran	432	
Fruit Flavoured Corn, Oats & Wheat	433	102, 110, 122, 133
Fruit Flavoured Corn, Oats & Wheat	603	102, 110, 122, 133
Fruit Flavoured Corn, Oats & Wheat	604	110, 129, 133, 100
<b>Cakes, Muffins, Pastries</b>		
Party Cup Cakes	202	160b
Chocolate Muffins- Low Fat	203	None
Milk Chocolate Cake	204	155, 133, 124, 102, 150
Jam and Cream Lamingtons	205	Annatto
Chocolate Cake	206	150d
Marble Cake	207	160a, 124, 104, 150d, 155, 133, 122
Lamingtons	208	102, 133, 155
Jam Sponge Roll	209	150c, 124, 122, beta carotene
Choc Roulettes	210	160b, 160a, 155, 151, 150d, 150c, 150a, 133, 100
Chocolate Fudge Brownies	211	153, 155
Milk Chocolate Cake Mix	212	155
Chocolate Chip Muffin Mix	213	None
Blackberry Sponge Pudding	214	123, 124, 133, 155
Jam & Cream Roll	215	120
Chocolate Mud Cake	216	155, 150c, 133, 122
Assorted Rollettes	217	160b, 160a, 155, 151, 150c, 150b, 150a, 133, 124, 122, 100
Caramel Slice	218	160a
Iced Donuts	220	102, 110, 122, 123, 124, 133, 151, 155, 160a
Strawberry Cheesecake	221	120
Finger Buns	222	124, 122, 110
Pink iced donuts	223	120, 124, 122, 110, 123
Apple Pie	224	102, 110, 160b
Custard Danish	225	160a, 100, 120



<b>Food Sample</b>	<b>Survey Food Code</b>	<b>Colours Declared on the Food Label (Name/INS no.)</b>
Passionfruit Cake	226	160a
Tea Cake	397	110, 102
Light Fruit Cake	398	122, 124, 102
Light Fruit Cake	399	102
Napoleon Cake	400	129, 133, 110, 102
Chocolate Lamingtons	401	102, 110
English Tea Cake Mix	402	
Iced Lemon Cake	403	
Passionfruit Squares	404	110, 102
Butter Flavoured Cake Mix	405	
Mud Cake	406	102, 110, 133, 122, 129, 155
Light Fruit Cake	625	102
Lemon Meringue Pie	648	
Butter & Sultana Cake	649	102, 110
Cup Cakes	650	102, 110, 122, 123, 124, 133, 151, 155
Cinnamon Cake	651	110, 102
<b>Cheese</b>		
Processed cheese slices	31	160b
Extra light cheese slices	32	160b
Processed cheese slices	33	160b
Cheese spread	34	160b
Processed cheese slices	35	100, 160b
Processed cheese slices	36	None
Edam	556	nil declared
Vintage	557	nil declared
Colby	558	nil declared
Mozzarella	559	nil declared
Tasty	560	nil declared
Reduced Fat	561	nil declared
Cheddar	562	nil declared
Light & Tasty	563	nil declared
Vintage	564	nil declared
Edam	565	nil declared
Cheddar	566	nil declared
Tasty	567	nil declared
Vegetarian	568	nil declared
Vintage	569	nil declared
Matured Cheddar	570	nil declared
<b>Confectionery</b>		
Glace Cherries	88	133, 123, 110, 120
Chocolate with Candy Shell	89	171, 120, 102, 110, 122, 133, 129, 124, 132
Freckles	90	102, 122, 110, 124, 133
Cherry, coconut and dark chocolate bar	91	129, 102, 123
Chocolate coated Turkish delight bar	92	102, 110, 124
Milk Chocolate, Caramel & Peanut Bar	93	None
Chocolate Coated Peanuts with Candy Shell	94	171, 129, 110, 102, 133, 132
Peppermint & Milk Chocolate Bar	95	100, 133
Peppermint & Milk Chocolate	96	102, 133

<b>Food Sample</b>	<b>Survey Food Code</b>	<b>Colours Declared on the Food Label (Name/INS no.)</b>
Strawberry & Milk Chocolate	97	102, 123
Chocolate with Candy Shell	98	171, 133, 129, 110, 102, 132
Mints	99	None
Mints	100	None
Milk Chocolate Block with filling	101	102, 110, 122, 124
Turkish Delight	102	102, 110, 124
Chocolate, Filled	103	129, 102, 110, 123, 124, 133
Chocolate, Filled	104	129, 102, 110, 123, 124
Sugar Free Chewing Gum	105	129
Chewing Gum	106	132, 151
Grape Flavoured Bubble Gum	107	120, 133
Strawberry Flavoured Bubble Gum	108	129
Fruit Flavoured Mints	109	110, 102, 129, 133
Fruit Lolly Pops	110	162, 160c, 100
Lolly Pops	111	162, 100
Fruit Flavoured Lollies	112	110, 102, 122, 133, 129, 160b, 120, 141
Jelly Beans	113	120, Curcumin, Paprika Oleoresin
Jelly Beans	114	102, 110, 129, 171, 133
Jelly Beans	115	102, 110, 122, 123, 124, 129, 133
Strawberries & Cream Jellies	116	129
Snakes	117	102, 122, 133, 110
Snakes	118	102, 122, 110, 133
Snakes	119	102, 110, 122, 133
Jelly Babies	120	129, 110, 102, 122, 133
Jelly Babies	121	102, 122, 110, 133
Jelly Babies	122	102, 110, 122, 133
Raspberries	123	122
Raspberries	124	122
Mix Jellies	125	122, 102, 133, 129, 110, 123
Mix Jellies	126	102, 122, 110, 124, 133
Mixed Boiled Lollies	127	102, 110, 122, 123, 124, 132, 133
Marshmallows	128	122
Multi colour Popcorn	129	102, 110, 122, 133
Coconut Ice	130	122, 123, 124
Liquorice Pieces	131	150d, 102, 129, 133
Flavoured Gums	132	102, 129, 133, 171
Mixed Jubes	133	N/A
Liquorice Allsorts	134	102, 110, 122, 133, 142
Mix Jellies	135	102, 122, 133
Snakes	136	None
Jelly Babies	137	None
Jelly Beans	138	100, 102, 110, 129, 132, 133, 150, 171
Fruit Flavour Gums	139	129, Indigo Carmine, Quinoline Yellow
Fruit Flavour Gums	140	129, 102, 133
Apple & Blackcurrant Flavour Fruit Leather	314	160b, 120, turmeric, 122, 133, 171
Grape Flavour Fruit Leather	315	160b, 120, turmeric, 122, 133, 171
Blackberry & Raspberry Flavoured Fruit Leather	316	122, 133, 151
Strawberry Flavour Fruit Leather	317	160b, 120, turmeric, 122, 133, 171

<b>Food Sample</b>	<b>Survey Food Code</b>	<b>Colours Declared on the Food Label (Name/INS no.)</b>
Fruit Salad Flavour Fruit Leather	318	160b, 120, turmeric, 122, 133, 171
Sherbet	586	110, 123
Chocolate, Filled	587	102, 123, 133
Fruit Flavour Gums	588	102, 110, 122, 133
Sugar free Lozenger	589	102, 155
Strawberry Flavour Fruit Leather	590	122, 133
Cherry Flavour Fruit Leather	591	122, 133
Sugar Free Fruit Flavour Candy	592	102, 110, 133, 129
Sugar Free Caramel Candy	593	
Cherry, coconut and dark chocolate bar	594	129
Lozenger	595	102, 110
Fruit Flavoured Candy	596	
Chewing Gum	597	132, 151
Grape & Strawberry Flavoured Candy	598	133, 132, 129, 102, 110, 120
Chocolate Coated Candy	599	110, 133, 129
Turkish Delight	600	110, 124, 102
Cinnamon Flavoured Candies	601	129, 102, 110, 133, 132
<b>Cordial</b>		
Raspberry	227	122
Raspberry	228	Carmoisine
Orange	229	110
Orange	230	110
Blackcurrant	231	None
Blackcurrant	232	163
Fruit Flavour	233	110, 102
Fruit Flavour	234	102, 110
Lime	235	102, 133
Lime	236	102, 133
Light Orange Mango	237	Carmine, Turmeric
Orange & Mango	238	102, 110
Raspberry	239	163
Tropical Flavour	240	Turmeric, Carmine
Orange	512	
Orange & Mango	513	110
Raspberry	514	122, 123
Fruit Flavour	515	102, 110
Tropical Flavour	516	102, 110
Blackcurrant	517	123, 133
Orange & Passionfruit	518	102, 110
Lime	519	102, 133
Raspberry	520	123
Blackcurrant	521	123
Orange & Lemon	522	102, 110
Orange	523	110
Low Joule Citrus Flavour	524	102, 110
Low Joule Red Berry	525	110, 123
Citrus Flavour	526	102, 110
<b>Crumbed Frozen Meat and Fish</b>		

<b>Food Sample</b>	<b>Survey Food Code</b>	<b>Colours Declared on the Food Label (Name/INS no.)</b>
Fish Fingers	370	160b
Fish Fingers	371	100, 160c, 160b
Crumbed Beef Schnitzel	372	
Lemon Crumbed Fish Fillets	373	None
Fish Fingers	374	160b
<b>Dairy Dessert (Excluding Ice Cream and Yoghurt)</b>		
Custard Powder	141	102, 110
Custard Powder	142	102, 110
Chocolate	298	None
Vanilla Instant Pudding	299	102, 110
Vanilla Pouring Custard	300	160a, 160b
Strawberry Flavour	301	120
Banana Flavour	302	160b
Strawberry Flavour	303	120
Tropical Mango	304	160b
Strawberry & Rice	305	120
Diet Crème Caramel	306	110, 102, 150d, 155
Diet Chocolate Mousse	307	None
Crème Caramel	308	102, 110, 150d, 155
Strawberry Flavour	309	120
Vanilla Custard	310	160a
Flavoured Dessert	311	120
Chocolate Instant Pudding	312	155
Chocolate Caramel Dairy Snack	313	120, 150d, 160a
Vanilla Dairy Snack	469	
Dairy Snack	470	102, 110
Chocolate Dairy Snack	471	nil declared
Dairy Snack	472	110
Dairy Dessert Snack	475	102, 110
Strawberry Dairy Snack	476	124, 122
Banana Dairy Snack	477	102, 110
Berry Apple Dairy Snack	479	
<b>Dip</b>		
Caviar	375	110, 124
Corn Relish	376	160a
Capsicum and Sweet Chilli	377	110, 124
Smoked Salmon	378	160b
Capsicum	379	None
<b>Flavoured Milk and Flavoured Soy Beverages</b>		
Chocolate	1	133, 155
Chocolate	2	None
Chocolate	3	133, 155
Chocolate	4	133, 155
Mocha	5	133, 155
Strawberry	6	120
Chocolate	7	133, 155
Chocolate	8	133, 155
Honeycomb	9	102, 110
Strawberry Thickshake	10	110, 129, 133

<b>Food Sample</b>	<b>Survey Food Code</b>	<b>Colours Declared on the Food Label (Name/INS no.)</b>
Strawberry Flavoured Soy Beverage	24	122, 124
Chocolate Flavoured Soy Beverage	25	133, 155
Strawberry	542	122, 124, 102
Strawberry	543	110, 122, 124
Coffee	544	
Chocolate	545	102, 110
Flavoured Soy Beverage	546	155, 133
Chocolate Flavoured Soy Beverage	547	
Strawberry	548	
Chocolate	549	155, 133
Chocolate	550	
Chocolate Flavoured Soy Beverage	551	155, 133
Chocolate	552	155
Chocolate	553	133, 155
Chocolate	554	133, 155
Chocolate	555	155, 133
<b>Fruit Juice/Drink</b>		
Tropical Juice	241	None
Tropical Juice	242	None
Orange Fruit Drink	243	160b
Orange Juice	244	None
Apple & Blackcurrant Juice	245	163
Apple & Blackcurrant Juice	246	163
Light Cranberry Fruit Drink	247	None
Orange & Mango Fruit Drink	248	160b
Orange & Mango Juice	249	None
Fruit Drink	250	None
Apple & Blackcurrant Juice	251	None
Tropical Fruit Drink	434	
Tropical Juice	435	
Pear, Pineapple & Passionfruit Juice	436	
Orange & Mango Fruit Drink	437	
Berry flavoured drink	438	133
Forests Fruits Drink	439	122, 133
Apple & Blackcurrant Fruit Drink	440	
Orange Fruit Drink	441	
Apple & Lime Fruit Drink	442	
Cranberry Fruit Drink	443	
Orange Fruit Drink Base	444	102, 110
Orange Fruit Drink Base	445	110
Apple & Blackcurrant Juice	446	
Vegetable Juice	447	
Grape Juice	448	
<b>Ice Cream/ Ice Confection</b>		
Strawberry frozen yoghurt	26	160b
Wild berry frozen yoghurt	27	160b
Strawberry & vanilla frozen yoghurt	28	123, 129, 133
Rainbow coloured ice cream on stick	42	100, 122, 124, 133
Orange, Blackcurrant, Passionfruit, Tropical, Orange Mango and Strawberry ice confection	43	102, 110, 122, 129, 133

<b>Food Sample</b>	<b>Survey Food Code</b>	<b>Colours Declared on the Food Label (Name/INS no.)</b>
Tropical flavour ice confection	44	102, 110, 160b
Berry flavour ice confection	45	122, 133, 160b
Chocolate ice cream in cone with nuts/chocolate	46	150, 122, 102, 142, 129, 133, 132
Ice confection- various flavours	47	102, 110, 122, 133, 150d
Vanilla and Chocolate	48	129, 110, 102, 133
Mango & Berry	49	162, 163, 160a
Boysenberry ice cream in cone with nuts/chocolate	50	102, 110, 123, 155, 133
Chocolate ice cream in cone topped with chocolate & nuts	51	150d, 155, 133, 102, 123, 110, 122
Melon, Mandarin & Raspberry & Pineapple ice confection	52	102, 110, 133, 122
Tropical flavour ice confection	53	160b
Raspberry, Strawberry & Blackcurrant ice confection	54	129, 122, 133
Lemon flavour ice confection	55	102
Toffee flavoured ice cream coated in chocolate & biscuit pieces	56	160b
Vanilla/choc coated ice cream on stick	57	160b
Chocolate ice cream on stick	58	102, 132, 122, 110, 124, 123, 160b, 142
Banana ice cream on stick	59	100, 160b
Vanilla/choc coated ice cream on stick	60	150d, 155, 123, 133, 110, 102, 122
Vanilla, chocolate & caramel ice cream with nuts	61	100, 120, 150, 160b
Mango ice confection bar with vanilla ice cream	62	160b
Ready-to-freeze-or-drink ice confection	63	102, 110, 122, 123, 133, 150d
Chocolate ice cream	64	None
Rocky road ice cream	65	120, 160b, 100
Vanilla ice cream	66	160b
Cookies & cream	67	160b
Vanilla, chocolate & strawberry ice cream	68	155, 122, 160b, 133
Vanilla ice cream	69	160b
Vanilla ice cream	70	None
Vanilla & caramel ice cream	71	160b, 150d
Light raspberry & vanilla ice cream	72	160b, 129, 133
Caramel ice cream	73	160b, 150d
Light caramel & vanilla ice cream	74	160b, 150d, 155, 123, 133
Light vanilla ice cream	75	160b
Chocolate fudge sundae	76	150d, 155, 123, 133
Vanilla ice cream	77	160b
Caramel fudge ice cream	78	102, 132, 122, 110, 124, 123, 160b
Chocolate & nut ice cream	449	155, 133
Chocolate & peppermint ice cream	450	102, 132, 122, 110, 124, 123, 142
Chocolate, vanilla & caramel flavoured ice cream	451	102, 132, 122, 110, 124, 123
Caramel & chocolate ice cream	452	155
Chocolate ice cream	453	102, 132, 122, 110, 124, 123

<b>Food Sample</b>	<b>Survey Food Code</b>	<b>Colours Declared on the Food Label (Name/INS no.)</b>
Rainbow coloured ice cream on stick	454	133, 124, 122
Vanilla/choc & almond coated ice cream on stick	455	
Vanilla/choc coated ice cream on stick	456	102, 132, 122, 110, 124, 123
Vanilla/choc coated ice cream on stick	457	155, 123, 133, 102
Strawberry frozen yoghurt	458	
Vanilla, caramel & chocolate ice cream	459	
Peppermint & chocolate ice cream in cone	460	102, 133, 155
Chocolate ice cream in cone with nuts/chocolate	461	155, 123, 133, 102, 110
Vanilla ice cream with chocolate and candy pieces	462	102, 133, 110, 122
Vanilla, caramel & chocolate ice cream	463	102, 110
Chocolate ice cream	464	155, 123, 133, 102, 110
<b>Jam/Conserve</b>		
Strawberry	80	None
Strawberry	84	Concentrated Grape Juice
Strawberry	85	None
Strawberry	86	None
Strawberry	87	None
Dark plum	626	122
Low joule strawberry	627	129, 132
Low joule apricot	628	
<b>Jelly</b>		
Orange flavoured crystals	290	110
Orange flavoured crystals	291	110
Lime flavoured crystals	292	102, 133
Lime flavoured crystals	293	102, 133
Lime flavoured crystals	294	102, 133
Lemon flavoured crystals	295	102
Light pineapple flavoured crystals	296	102, 129
Pineapple flavoured crystals	297	102, 110
Diet orange	571	110
Diet raspberry	572	123
Tropical	573	102, 110
Mango	574	102, 110
Light rockmelon	575	110
Blackberry	576	122, 151
Berry	577	124, 151
Port wine	578	124, 151
Light cherry	579	124, 151
Blackcurrant	580	124, 151
Cherry	581	124, 151
Port wine	582	123, 133
Jelly	583	122, 133
Strawberry	584	122, 110
Port wine	585	142, 151
<b>Liqueur</b>		
Melon	484	nil stated

<b>Food Sample</b>	<b>Survey Food Code</b>	<b>Colours Declared on the Food Label (Name/INS no.)</b>
Orange	485	102, 110, 123
Liqueur flavoured with dried citrus peel	486	133
Blackcurrant	487	102, 123, 132
Creamy	488	110, 102
Coffee	494	nil stated
Raspberry	495	nil stated
Pear	496	nil stated
<b>Margarine/Table Spread</b>		
Cooking margarine	37	160a
Reduced fat margarine	38	160b, Curcumin
Polyunsaturated salt reduced spread	39	160b, Curcumin
Extra virgin regular spread	40	160b, Curcumin
Regular table spread	41	beta-carotene
Canola spread	416	
Soy spread	417	
Olive spread	418	
Table spread	419	
Canola table spread	420	
Canola light table spread	421	
Cholesterol free light spread	422	
Light olive oil spread cholesterol free	423	
Original table spread	424	
Omega 3 spread	425	
Cooking margarine	426	
Cooking margarine	427	
Cooking margarine	428	
Salt reduced spread	429	
Canola light spread	430	
<b>Pasta/Noodles</b>		
Egg fettuccine	149	None
Cheese tortellini	150	Natural Colour
Ravioli with chicken and mushroom	151	160b, 100
Chow Mein	152	160b, 100
Crunchy noodles	153	160b
Egg noodles	154	160b
Oriental 2 minute noodles	155	None
Chicken 2 Minute noodles	156	101
Hokkien	157	160b, 160a, 100
Thai sweet chilli	158	164, 160c
Hokkien	159	160b
<b>Pastry Products, Savoury</b>		
Cocktail saveloys in pastry	348	110, 160a
BBQ pork bun	352	102
Spring rolls	353	102, 123
Supreme frozen pizza	357	120, 160b, 160c
Margherita pizza	358	None
Meat pie	359	150c, 160b, 110
Meat pie	360	150c, 160a, 160b, 100
Beef pie	361	150c, 160a



<b>Food Sample</b>	<b>Survey Food Code</b>	<b>Colours Declared on the Food Label (Name/INS no.)</b>
Meat pie	362	160b
Party pies	363	150c, 160b, 100, 160a
Party pies	364	150c, 160b, 100, 160a
Sausage roll	365	160a, 160b
Cocktail sausage rolls	366	None
Chicken & vegetable pie	367	160a
Cheese & spinach roll	368	160a, 160b
Cheese & vegetable vol-au-vent	369	150d, 102, 124, 160b
Light meat pie	629	
Meat pie	630	
Chicken & vegetable pie	631	
Steak & bacon pie	632	
Meat pie	633	110
Beef pie	634	110
Meat pie	635	
Meat pie	636	110
Chicken & vegetable pie	637	110
Meat pie	638	
Meat pie with peas	639	
Shepards pie	640	
Chicken & vegetable pie	641	
Meat pie	642	110
Meat pie	643	
<b>Pickles/Relishes</b>		
Gherkins	79	102, 133
Pickles	81	150a, 102
Corn relish	82	beta-carotene
Fruit chutney	83	None
<b>Pre-Mixed Alcoholic Drinks</b>		
Melon	258	102, 133
Pineapple	259	102, 110
Blue coloured	260	None
Raspberry	261	122
Lime and Soda	482	102, 133, 110
Orange	483	110
Creamy chocolate	489	155, 133
Creamy lime	490	133, 102
Creamy banana	491	102, 110
Creamy caramel	492	155
Creamy Strawberry	493	122, 123, 124
<b>Pre-Prepared Meals</b>		
Tandoori Chicken with Rice	345	102, 110, 122, 124
Spaghetti with Bolognese Sauce)	346	150c, 160c
Lasagne	347	150d, 160a, 160b
Spinach & Ricotta Lasagne	349	Caramel
Pasta with cheese sauce	350	160a
Beef Lasagne	351	160b
Creamy Chicken Style Pasta	354	160b
Macaroni Cheese	355	160b

<b>Food Sample</b>	<b>Survey Food Code</b>	<b>Colours Declared on the Food Label (Name/INS no.)</b>
Butter Chicken with rice	356	Paprika Extract
<b>Processed Meat</b>		
Hot Dog Frankfurts	181	None
Kabana	182	100, 155
Cocktail Frankfurts	183	None
Hot Dogs	184	None
Ham and Chicken Luncheon Meat	185	150a, 124
Kransky	186	102, 110, 124, 133, 155, 122
Shaved Mild Salami	187	None
Smoked Salmon Pate	188	150c
Bacon Rashers	189	None
<b>Sauces, Savoury</b>		
Béarnaise	333	160b
Seafood cocktail	334	Paprika Oleoresin and Beta-Carotene
Thousand Island dressing	335	None
Curry paste	336	110, 124
Cheese sauce mix	337	161b
White sauce mix	338	160b
Butter chicken simmer sauce	339	Paprika Extract, 129
Curry paste	340	163, 122, 129
Sweet plum marinade	341	120
Thousand island dressing	342	None
Curry paste	343	110, 124
Tandoori paste	344	129
<b>Snack bars</b>		
Chocolate flavoured puffed rice cereal	319	102, 124, 133, 171
Raspberry & apple	320	124, 122, 132
Fruit muesli bar	321	None
Blueberry fruit bar	322	150d, 160a, 163
Apricot & yoghurt cereal bar	323	160b
Dried fruit strap- strawberry, raspberry, blueberry	324	120, Anthocyanin
<b>Snack foods, Savoury</b>		
Frozen potato chips	325	None
Potato wedges	326	150c, 160b
Sour cream & chives potato chips	380	None
Bacon & sour cream potato chips	381	120, 150a, 160b, 160c
Sweet chilli & sour cream potato chips	382	160c, 120, 150a, 160b
Cheese corn chips	383	129, 133, 102, 110
Extruded Bacon & cheese flavoured snack	384	102, 110
Sour cream & onion potato chips	385	None
Extruded BBQ flavoured snack	386	None
Extruded BBQ flavoured snack	387	150d
Butter flavour microwave popcorn	388	160b
Chick pea chips	389	None
Extruded BBQ flavoured snack	390	102, 110, 155
Rice snacks	391	102, 110, 122, 124, 133, 150c
Extruded cheese flavoured snack	392	160a, 160e
Extruded BBQ flavoured snack	393	None

<b>Food Sample</b>	<b>Survey Food Code</b>	<b>Colours Declared on the Food Label (Name/INS no.)</b>
Cheese corn chips	394	None
Extruded Onion flavoured snack	395	120, 101
Prawn crackers	396	102
Cheese corn chips	407	110, 129
Cheese snacks	408	102, 110
Extruded Bacon & cheese flavoured snack	409	110, 102
Sour cream corn chips	410	102, 110
Potato chips	411	129, 110, 133, 132
Sweet chilli & sour cream potato chips	412	129, 102, 132, 110, 133
Chicken flavoured potato chips	413	
Sour cream & chives rice crisps	414	102, 110
Extruded cheese flavoured snack	415	102, 110
Extruded cheese flavoured snack	602	102, 110
Rice crackers	605	102, 133, 110, 122
Extruded cheese flavoured snack	606	102, 110
Extruded Bacon & cheese flavoured snack	607	102, 110
Extruded BBQ flavoured snack	608	102, 110, 155
Cheese corn chips	609	102, 110, 133, 129
Frozen potato chips	644	
Frozen potato chips	645	
Frozen potato chips	646	
Potato wedges	647	
<b>Soft Drink</b>		
Lemon lime sports drink	252	102
Berry flavoured sports drink	253	133
Berry flavoured sports drink	254	129
Energy drink	255	104, 133
Orange flavoured sports drink	256	110
Lime flavoured light sports drink	257	102, 133
Creaming soda	262	122
Orange and passionfruit natural mineral water	263	102, 110, 123
Orange, lemon and lime natural mineral water	264	102
Orange & mango natural mineral water	265	110
Lemon & Lime natural mineral water	266	None
Orange flavour soft drink	267	110
Diet orange flavour soft drink	268	110
Mixed berry flavour sparkling water	269	163
Raspberry flavoured soft drink	270	Anthocyanin and 120
Passionfruit flavoured soft drink	271	102, 110
Tropical flavoured soft drink	272	110, 122
Creaming soda	273	102
Passionfruit flavoured soft drink	274	102, 110
Lemon flavoured soft drink	275	102
Lemon flavoured soft drink	276	102
Citrus flavoured soft drink	277	102
Passionfruit flavoured soft drink	278	102, 110
Lemon flavoured soft drink	279	102

<b>Food Sample</b>	<b>Survey Food Code</b>	<b>Colours Declared on the Food Label (Name/INS no.)</b>
Orange flavour sparkling water	280	160a, 160e
Diet lemon lime & orange soft drink	281	102, 110
Diet tropical flavoured soft drink	282	110, 122
Creaming soda	283	122
Energy drink	284	133
Cola flavour soft drink	285	150d
Sparkling flavoured soft drink	286	110, 124
Blood orange flavoured soft drink	527	102, 122, 110
Orange & mango flavoured soft drink	528	110, 123
Orange flavoured sports drink	529	110
Sports drink	530	133
Mineral water	531	102, 133
Tropical flavoured soft drink	532	124, 122
Orange flavour soft drink	533	110
Orange & lime flavoured soft drink	534	102
Lemonade	535	133
Orange flavour soft drink	536	110
Orange flavour soft drink	537	110
Wild berry flavoured soft drink	538	123
Passionfruit flavoured soft drink	539	102, 110
Orange flavour soft drink	540	110
Orange flavour soft drink	541	110
<b>Topping</b>		
Chocolate	327	150c
Chocolate	328	150d, 155
Strawberry	329	122, 124
Strawberry	330	122, 124, 150a
Light caramel	331	150c, 102, 133, 155
Caramel	332	150d, 110, 102, 133
Chocolate	497	
Strawberry	498	123
Chocolate	499	155
Strawberry	500	110
Diet caramel	501	102, 133, 155
Caramel	502	102, 133, 155
Passionfruit	503	102, 110
Passionfruit	504	102, 110
Caramel	505	110, 102
Apricot & mango	506	102, 110
Cola & lime	507	102, 133
Chocolate	508	155
Strawberry	509	110
Caramel	510	102, 124
Strawberry	511	123
<b>Yoghurt</b>		
Strawberry	11	120
Strawberry	12	120
Vanilla	13	160b

<b>Food Sample</b>	<b>Survey Food Code</b>	<b>Colours Declared on the Food Label (Name/INS no.)</b>
12 pack (4 x Vanilla, 4 x peach & pear, 4 x strawberry)	14	160b, 160a, None
8 pack (4 x Strawberry, 4 x fruit salad)	15	120, 160b
Passionfruit low fat	16	160b
Strawberry low fat	17	120
Lite strawberry	18	120
Diet cherry	19	120
Diet vanilla	20	None
Diet peach & mango	21	160b
Lite vanilla	22	None
6 Pack (2 x Strawberry, 2 x Raspberry, 2 x Apricot)	23	None
Apricot & mango soy	29	160b
Vanilla soy	30	160b
Caramel lite	465	
Coffee flavoured lite	466	
No fat	467	
Strawberry low fat	468	
Boysenberry soy	473	
Strawberry	474	
Apricot & mango soy	478	
Vanilla & strawberry	480	155, 124
12 pack (4 x blueberry, 4 x raspberry, 4 x strawberry)	481	133

## **Appendix 4- Complete Information on the Analytical Results**

The National Measurement Institute (NMI) provided sample coordination, preparation and analytical services for the FSANZ survey of added colours in food.

### **Method of analyses for synthetic colours**

Colours were separated from homogenised samples by extraction with a methanol/water solution. The extract was then filtered using a C18 Sep-Pak cartridge. The purified colour extract was analysed by Micellar Electrokinetic Capillary Chromatography (MECC) using a Capillary Electropherograph with UV detection and by Thin Layer Chromatography (TLC).

### **Method characteristics**

Limit of detection: 2 mg/kg

Limit of quantification: 5 mg/kg

### **Method of analyses for Annatto and Cochineal/ Carmine**

Determination of Annatto and Cochineal/Carmine (as Carminic acid) was performed by solvent extraction followed by High Performance Liquid Chromatography (HPLC) separation of Carminic acid,  $\alpha$  &  $\beta$ -bixin and  $\alpha$  &  $\beta$ -norbixin.

### **Method characteristics**

Practical quantitation limit for Bixin: 0.5 mg/kg

Practical quantitation limit for Norbixin: 0.5 mg/kg

Practical quantitation limit for Carminic acid: 0.5 mg/kg

**Table 4.1: Mean, minimum and maximum levels of added colours in foods analysed**

Food Category	No. of Samples	Concentration (mg/kg)	Annatto (sum of bixin & norbixin)	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Erythrosine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Fast Green	Brilliant Black	Brown HT	Total Synth Colour		
Beverage Flavouring	3	Maximum	0.07	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Mean	0.02	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Biscuits, Savoury	13	Maximum	5.2	0	0	0	0	0	2.5	10	2.5	0	2.5	0	0	0	0	0	0	0	12.5
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Mean	0.93	0	0	0	0	0	0.21	0.83	0.42	0	0.21	0	0	0	0	0	0	0	1.67
Biscuits, Sweet	36	Maximum	4.9	0.25	68	5	8	0	7	33	46	0	37	2.5	5	0	0	0	2.5	98.5	
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Mean	0.39	0.05	8.05	0.14	0.28	0	0.24	5.70	3.98	0	2.20	0.07	0.23	0	0	0.07	0	20.87	
Breakfast Cereal	11	Maximum	3.3	0	18	0	82	0	0	27	31	0	34	0	0	0	0	0	0	0	101.5
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Mean	0.59	0	2.18	0	10.36	0	0	7.05	3.5	0	5.41	0	0	0	0	0	0	0	28.5
Cakes, Muffins, Pastries	39	Maximum	1.2	3.7	7	32.41	25	0	37.27	89	41	0	29	0	12	0	2.5	100	160.91		
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Mean	0.09	0.19	0.24	0.96	1.41	0	2.24	3.24	4.38	0	2.49	0	0.5	0	0.06	7.63	22.97		
Cheese	21	Maximum	0.25	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5	
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Mean	0.21	0	0	0	0	0	0.24	0	0	0	0	0	0	0	0	0	0	0.24	
Confectionery	74	Maximum	0.25	11	160	12	160	0	35	45	47	0	42	41	6	0	13	2.5	202		
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Mean	0.02	0.25	8.25	0.36	6.80	0	1.08	3.45	2.66	0	3.49	0.69	0.10	0	0.24	0.03	27.13		
Cordial	29	Maximum	0	0.54	0	22	28	0	0	18	24	0	20	0	0	0	0	0	0	44	
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Mean	0	0.04	0	2.19	1.55	0	0	2.34	2.27	0	0.81	0	0	0	0	0	0	9.17	
Crumbed Frozen Meat	5	Maximum	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Mean	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Food Category	No. of Samples	Concentration (mg/kg)	Annatto (sum of bixin & norbixin)	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Erythrosine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Fast Green	Brilliant Black	Brown HT	Total Synth Colour		
Dairy Dessert (Excluding Yoghurt and Ice Cream)	26	Maximum	5.6	6.3	0	0	2.5	0	2.5	17	34	0	0	0	0	0	0	0	40		
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Mean	0.36	0.79	0	0	0.10	0	0.10	2.09	3.80	0	0	0	0	0	0	0	0	6.08	
Dip	5	Maximum	1	1.8	0	0	0	0	2.5	2.5	0	0	0	0	0	0	0	0	0	5	
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Mean	0.2	0.36	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	1
Flavoured Milk and Flavoured Soy Beverages	26	Maximum	0	3.2	16	0	2.5	0	5	49	65	0	21	0	0	0	0	2.5	114		
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Mean	0	0.27	0.62	0	0.29	0	0.29	2.58	4.56	0	2.44	0	0	0	0	0	1.35	12.12	
Fruit Juice/Drink	26	Maximum	0.25	0	0	0	25	0	0	34.35	44.17	0	7	0	0	0	0	0	0	61.67	
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Mean	0.05	0	0	0	0.96	0	0	1.99	1.70	0	0.37	0	0	0	0	0	0	0	5.02
Ice Cream/Ice Confection	56	Maximum	16	3.8	12	55	29	0	22	31	110	50	160	32	0	0	0	0	99	302	
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Mean	1.52	0.20	0.46	2.45	3.09	0	1.95	3.61	10.13	0.89	8.22	1.44	0	0	0	0	3.79	36.02	
Jam/Conserve	8	Maximum	0	0	12	0	2.5	0	0	0	0	0	0	14	0	0	0	0	0	26	
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Mean	0	0	1.5	0	0.31	0	0	0	0	0	0	0	1.75	0	0	0	0	0	3.56
Jelly	23	Maximum	0	0	38.13	39.72	31.78	0	27.01	17.68	32.29	0.40	10.64	0	0	0	0.40	0	0	43.06	
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.22
		Mean	0	0	1.66	2.58	2.19	0	2.22	2.09	2.91	0.02	0.73	0	0	0	0.11	0	0	0	14.50
Liqueur	8	Maximum	0	0	0	7	23	0	0	56	68	0	28	2.5	0	0	0	0	0	85	
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Mean	0	0	0	1.63	2.88	0	0	9	17.31	0	3.5	0.31	0	0	0	0	0	0	34.63
Margarine/ Table Spread	20	Maximum	8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Mean	3.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Food Category	No. of Samples	Concentration (mg/kg)	Annatto (sum of bixin & norbixin)	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Erythrosine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Fast Green	Brilliant Black	Brown HT	Total Synth Colour			
Pasta/Noodles	11	Maximum	0.67	0	0	0	2.5	0	0	0	9	0	0	0	0	0	0	0	0	11.5		
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Mean	0.15	0	0	0	0.23	0	0	0	0	0.82	0	0	0	0	0	0	0	0	1.05	
Pastry Products, Savoury	31	Maximum	1.8	0.25	2.5	0	0	0	0	2.5	10	0	0	0	0	0	0	0	0	0	12.5	
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Mean	0.24	0.02	0.08	0	0	0	0	0	0.42	0.42	0	0	0	0	0	0	0	0	0	0.92
Pickles/ Relishes	4	Maximum	0	0	0	0	0	0	0	0	2.5	0	2.5	0	0	0	0	0	0	0	2.5	
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Mean	0	0	0	0	0	0	0	0	0	0.63	0	0.63	0	0	0	0	0	0	0	1.25
Pre-Mixed Alcoholic Drinks	11	Maximum	0	0	0	2.5	15	0	2.5	36	154	0	6	0	0	0	0	0	2.5	162		
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Mean	0	0	0	0.23	1.59	0	0.23	4.45	19.05	0	1.45	0	0	0	0	0	0.45	27.45		
Pre-Prepared Meals	9	Maximum	6	0	0	0	0	0	2.5	2.5	2.5	0	0	0	0	0	0	0	0	7.5		
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Mean	0.73	0	0	0	0	0	0.28	0.28	0.28	0	0	0	0	0	0	0	0	0	0.83	
Processed Meat	9	Maximum	8.1	0	0	0	0	0	2.5	2.5	0	0	0	0	0	0	0	0	0	5		
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Mean	1.57	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0	0	0	0	0	0.56	
Sauces, Savoury	12	Maximum	1.2	77	19	0	66	0	23	72	0	0	0	0	0	0	0	0	0	95		
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Mean	0.13	6.42	3.92	0	5.5	0	1.92	6.21	0	0	0	0	0	0	0	0	0	0	17.54	
Snack Bars	6	Maximum	0.25	0.83	0	0	2.5	0	15	0	2.5	0	2.5	0	0	0	0	0	0	17.5		
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Mean	0.04	0.14	0	0	0.42	0	2.92	0	0.42	0	0.42	0	0	0	0	0	0	0	4.17	
Snack Foods, Savoury	38	Maximum	7	0.25	21	0	2.5	0	0	279	118	0	6	2.5	0	0	0	2.5	357			
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Mean	0.43	0.04	0.93	0	0.14	0	0	18.45	8.09	0	0.5	0.14	0	0	0	0.07	28.31			
Soft Drink	46	Maximum	0	1.3	58	30	23	0	2.5	54	48	0	10	0	0	0	0	0	58			
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

Food Category	No. of Samples	Concentration (mg/kg)	Annatto (sum of bixin & norbixin)	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Erythrosine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Fast Green	Brilliant Black	Brown HT	Total Synth Colour	
		Mean	0	0.04	1.26	0.87	1.08	0	0.11	8.24	3.71	0	0.54	0	0	0	0	0	15.80	
Topping	21	Maximum	0	0	0	170	61	0	75	17	51	0	2.5	0	0	0	0	84	170	
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Mean	0	0	0	8.95	6.67	0	6.98	2.55	9.14	0	0.48	0	0	0	0	5.05	39.81	
Yoghurt	24	Maximum	1.7	5.8	0	0	0	0	2.5	0	0	0	17	0	0	0	0	2.5	22	
		Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Mean	0.40	0.84	0	0	0	0	0	0.10	0	0	0	0.81	0	0	0	0	0.10	1.02

**Note:** For synthetic colours, '0' represents results <LOQ and not detected. For Annatto and Cochineal/Carmine, concentrations were '0' for colours < LOQ and not declared on the food label. Section 2.5 of the report provides more information on the numbers assigned to results below the LOQ.

**Table 4.2: Hydration Factors for FSANZ and SA survey foods**

Survey Sample Number	Food Sub-Groups	Food Packaging Instructions	Hydration Factor
149	Pasta, Egg, Uncooked	375g makes 640g cooked	1.71
150	Pasta, Cheese Filled, Cooked	375g makes 640g cooked	1.71
151	Pasta, Meat Filled, Cooked	375g makes 640g cooked	1.71
154	Noodles, Asian Style Egg, Uncooked	FSANZ Food Composition Data	3.00
155	Noodles, Instant, Uncooked	FSANZ Food Composition Data	3.00
156	Noodles, Instant, Uncooked	FSANZ Food Composition Data	3.00
158	Noodles, Asian Style Wheat, Uncooked	85g makes 260g	3.00
203	Cake, Chocolate, Dry Mix	500g makes 12 serves (1 serve = 61g)	1.50
204	Cake, Chocolate, Dry Mix	580g makes 12 serves (1 serve = 55g)	1.10
206	Cake, Chocolate, Dry Mix	800g makes 12 serves (1 serve = 58g)	1.10
211	Slice, Choc, Dry Mix	560g makes 16 serves (1 serve = 50g)	1.40
212	Cake, Chocolate, Dry Mix	370g makes 12 serves (1 serve = 55g)	1.80
213	Cake, Chocolate, Dry Mix	550g makes 12 serves (1 serve = 70g)	1.50
214	Cake, Not Further Specified	255g makes 4 serves (1 serve= 183g)	2.90
219	Biscuit Mix, Dry	485g makes 12 serves (1 serve = 32g)	1.30
227	Cordial, Non-Citrus	3 parts water to 1 part cordial	4.00
228	Cordial, Non-Citrus	4 parts water to 1 part cordial	5.00
229	Cordial, Citrus	4 parts water to 1 part cordial	5.00
230	Cordial, Citrus	4 parts water to 1 part cordial	5.00
231	Cordial, Blackcurrant	4 parts water to 1 part	5.00

<b>Survey Sample Number</b>	<b>Food Sub-Groups</b>	<b>Food Packaging Instructions</b>	<b>Hydration Factor</b>
		cordial	
232	Cordial, Blackcurrant	5 parts water to 1 part cordial	6.00
233	Cordial, Non-Citrus	4 parts water to 1 part cordial	5.00
234	Cordial, Non-Citrus	4 parts water to 1 part cordial	5.00
235	Cordial, Citrus	4 parts water to 1 part cordial	5.00
236	Cordial, Citrus	4 parts water to 1 part cordial	5.00
237	Cordial, Citrus	4 parts water to 1 part cordial	5.00
238	Cordial, Citrus	4 parts water to 1 part cordial	5.00
239	Cordial, Non-Citrus	5 parts water to 1 part cordial	6.00
240	Cordial, Non-Citrus	4 parts water to 1 part cordial	5.00
287	Beverage Flavouring, Dry Mix, Non-Chocolate	3.5g to 200ml	71.43
288	Beverage Flavouring, Dry Mix, Non-Chocolate	10g to 250ml	25.00
289	Beverage Flavouring, Dry Mix, Non-Chocolate	10g to 250ml	25.00
290	Jelly Crystals, Made up	85g with 400ml water	6.29
291	Jelly Crystals, Made up	85g with 400ml water	6.29
292	Jelly Crystals, Made up	85g with 400ml water	6.29
293	Jelly Crystals, Made up	85g with 400ml water	6.29
294	Jelly Crystals, Made up	85g with 400ml water	6.29
295	Jelly Crystals, Made up	85g with 400ml water	6.29
296	Jelly Crystals (Diet), Made up	9g with 500ml water	56.56
297	Jelly Crystals (Diet), Made up	11g with 500ml water	46.45

<b>Survey Sample Number</b>	<b>Food Sub-Groups</b>	<b>Food Packaging Instructions</b>	<b>Hydration Factor</b>
299	Dairy Dessert, Vanilla, Dry Mix	100g makes 780g	7.80
312	Dairy Dessert, Chocolate, Dry Mix	100g makes 780g	7.80
337	Sauce, Cheese, Dry Mix	29g makes 500ml	17.24
338	Sauce, White, Dry Mix	29g makes 500ml	17.24
346	Pasta & Sauce, Tomato Based	FSANZ Food Composition Data	3.00
350	Pasta & Sauce, Cream Based	FSANZ Food Composition Data	3.00
354	Pasta & Sauce, Cream Based	FSANZ Food Composition Data	3.00
355	Pasta & Sauce, Cream Based	FSANZ Food Composition Data	3.00
397	Cake, Tea, Dry Mix	400g makes 12 serves (1 serve = 63g)	1.90
402	Cake, Plain Dry Mix	400g makes 12 serves (1 serve = 63g)	1.90
405	Cake, Plain Dry Mix	340g makes 12 serves (1 serve = 52g)	1.80
444	Drink Base, Fruit	Based on SA Calculations	12.00
445	Drink Base, Fruit	Based on SA Calculations	23.00
571	Jelly Crystals (Diet), Made up	10g with 500ml water	51.00
572	Jelly Crystals (Diet), Made up	10g with 500ml water	51.00
573	Jelly Crystals, Made up	85g with 400ml water	6.29
574	Jelly Crystals, Made up	85g with 400ml water	6.29
575	Jelly Crystals (Diet), Made up	9g with 500ml water	56.56
576	Jelly Crystals, Made up	85g with 400ml water	6.29
577	Jelly Crystals, Made up	85g with 400ml water	6.29
578	Jelly Crystals, Made up	85g with 400ml water	6.29

<b>Survey Sample Number</b>	<b>Food Sub-Groups</b>	<b>Food Packaging Instructions</b>	<b>Hydration Factor</b>
579	Jelly Crystals (Diet), Made up	9g with 500ml water	56.56
580	Jelly Crystals, Made up	85g with 400ml water	6.29
581	Jelly Crystals, Made up	85g with 400ml water	6.29
582	Jelly Crystals, Made up	85g with 400ml water	6.29
583	Jelly Crystals, Made up	85g with 400ml water	6.29
584	Jelly Crystals, Made up	85g with 400ml water	6.29
585	Jelly Crystals, Made up	85g with 400ml water	6.29

## Appendix 5- Dietary exposures

Exposure to added colours was calculated for each individual in the NNS using his or her individual food records from the dietary survey. The DIAMOND program multiplies the specified concentration of the colour by the amount of food that an individual consumed from that group in order to estimate the exposure to the colour from each food. Once this has been completed for all of the foods specified to contain the colour, the total amount of the colour consumed from all foods is summed for each individual. Population statistics (mean and high percentile exposures) are then derived from the individuals' ranked exposures.

Where estimated dietary exposures are expressed per kilogram of body weight, each individual's total dietary exposure was divided by their own body weight, the results ranked, and population statistics derived. A small number of NNS respondents did not provide a body weight. These respondents were not included in calculations of estimated dietary intakes that are expressed per kilogram of body weight.

Where estimated exposures are expressed as a percentage of the reference health standard, each individual's total exposure was calculated as a percentage of the reference health standard (either using the total exposures in units per day or units per kilogram of body weight per day, depending on the units of the reference health standard), the results were then ranked, and population statistics derived.

Food consumption amounts for each individual take into account where each food in a classification code was consumed alone and as an ingredient in mixed foods. For example, cheese eaten as a slice of cheese, and cheese on a pizza were all included in the consumption of cheese. Where a higher level food classification code (e.g. 6.3 Processed cereal and meal products) was given a colour concentration, as well as a sub-category (e.g. 6.3.2 Breakfast bars), the consumption of the foods in the sub-classification was not included in the higher level classification code.

In DIAMOND, all mixed foods in classification codes 20 and 21 have a recipe. Recipes are used to break down mixed foods into component ingredients which are in classification codes 1-14. The data for consumption of the ingredients from the recipe were then used in models and multiplied by colour concentrations for each of the raw ingredients. This only occurred if the mixed food classification code (classification code 20) was not assigned its own colour permission. If the *Mixed foods* classification was assigned a colour concentration, the total consumption of the mixed food was multiplied by the proposed level, and the recipes were not used for that food group.

When a food that does not have a recipe was classified in two food groups in classification codes 1-14, and these food groups were assigned different permissions, DIAMOND assumed that the food is in the food group with the highest assigned colour concentration in order to assume a worst-case scenario. If the food groups had the same permitted colour concentration level, DIAMOND assumed that the food is in the food group that appeared first, based numerically on the ANZFCS.

In DIAMOND, hydration factors were applied to some foods to convert the amount of food consumed in the dietary survey to the equivalent amount of the food in the form to which a food chemical permission is given. For example, consumption figures for beverage flavourings were converted into the equivalent quantities of a beverage. Hydration factors were applied to the proposed concentration levels for cake mixes in the dietary modelling to represent the levels of added colours that would be present in the food when rehydrated.

## **How were percentage contributions calculated?**

Percentage contributions of each food group to total estimated dietary exposures were calculated by summing the exposures for a food group from each individual in the population group who consumed a food from that group and dividing this by the sum of the exposures of all individuals from all food groups containing the added colour, and multiplying this by 100.

## **Reporting of dietary exposure assessment results for high consumers**

Under the FSANZ Science Strategy 2006-2009, FSANZ agreed to review its dietary modelling procedures. As part of this review, an international peer review was sought. FSANZ has previously reported chronic dietary exposures for high consumers of food chemicals at the 95<sup>th</sup> percentile. In order to align with international best practice, an international dietary exposure assessment expert from the US Food and Drug Administration recommended that FSANZ should consider reporting food chemical dietary exposures at the 90<sup>th</sup> percentile not the 95<sup>th</sup> percentile, since only one 24 hour recall record per person was used for the assessment. Ninety-fifth percentile results are likely to be an overestimate of a daily consumption amount for high consumers, particularly for occasionally consumed foods where estimates may be 2-5 fold higher than the mean for consumer (Lambe *et al*, 2000). Hence, the use of 95<sup>th</sup> percentile estimates may potentially result in an overly conservative risk management approach.



**Table 5.1: Mean and maximum food sub-group concentrations used in the dietary modelling**

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
1	Juice, Apple & Blackcurrant	245, 246, 251, 446														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Juice, Grape	448														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Juice, Orange	249, 244, 250														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Juice, Pear	436														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Juice, Pineapple or Prune	241, 242, 435, 436														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Juice, Carrot	250, 447														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Fruit Drink, Apple	440, 442														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Fruit Drink, Apple Blackcurrant	440														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Fruit Drink, Lemon	442														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Fruit Drink, Orange	243, 441														
		<b>Mean Colours Scenario</b>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Fruit Drink, Pineapple	434														

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Fruit Drink, Orange Mango	248, 437														
		<i>Mean Colours Scenario</i>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Cordial, Blackcurrant (hydration factors applied)	231, 232, 517, 521														
		<i>Mean Colours Scenario</i>	0	0	0	1.25	0	0	0	0	0	0.13	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	4	0	0	0	0	0	0.5	0	0	0	0
15	Cordial, Citrus (hydration factors applied)	229, 230, 235, 236, 237, 238, 512, 513, 518, 519, 522, 523, 524, 526														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0.75	1.17	0	0.36	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	3.6	4.8	0	4	0	0	0	0
16	Cordial, Non-Citrus (hydration factors applied)	227, 228, 233, 234, 239, 240, 514, 515, 516, 520, 525														

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Mean Colours Scenario</b>	0	0.09	0	0.7	3.91	0	0.46	0.56	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0.54	0	4.4	28	0	2.2	3.2	0	0	0	0	0	0
17	Juice, Tropical	241, 242, 250														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Juice, Orange Mango	249														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Soft Drink, Lemonade	535														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	2.5	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	2.5	0	0	0	0
20	Soft Drink, Other Fruit	267, 268, 269, 270, 271, 272, 274, 278, 280, 282, 286, 275, 276, 277, 279, 285, 527, 528, 532, 533, 534, 536, 537, 538, 539, 540, 541														
		<b>Mean Colours Scenario</b>	0	0.08	0	1.48	0.31	0.19	12.30	3.76	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0	1.3	0	30	6	2.5	54	44	0	0	0	0	0	0
21	Soft Drink, Non-Fruit	262, 283, 273														
		<b>Mean Colours Scenario</b>	0	0	0	0	13.67	0	0	3.67	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	23	0	0	11	0	0	0	0	0	0
22	Soft Drink, Energy Drink	255, 284														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	2.5	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	2.5	0	0	0	0
23	Mineral Water, Fruit	263, 264, 265, 266, 281, 531														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	1.33	8.83	0	0.42	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	8	48	0	2.5	0	0	0	0
24	Sports Drink, All Flavours	252, 253, 254, 256, 257, 529, 530														
		<b>Mean Colours Scenario</b>	0	0	8.29	0	0	0	5.57	0.72	0	2.15	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	58	0	0	0	32	2.5	0	10	0	0	0	0
25	Custard Powder, Dry	141, 142														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	13.5	15.5	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	17	16	0	0	0	0	0	0
<b>26</b>	Breakfast Cereal, Bran	432														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>27</b>	Breakfast Cereal, Biscuit, No Fruit	147														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>28</b>	Breakfast Cereal, Puffed/Formed/Flakes, No Fruit	148														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>29</b>	Pasta, Egg, Uncooked	149														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>30</b>	Pasta, Meat Filled, Cooked (hydration factors applied)	151														
		<b>Mean Colours Scenario</b>	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Noodles, Instant, Uncooked	155, 156														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Noodles, Asian Style Wheat, Uncooked	158														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Noodles, Asian Style Egg, Uncooked	154														
		<b>Mean Colours Scenario</b>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
34	Noodle, Asian Style, NS as to type, Uncooked	154, 155, 156, 158														
		<b>Mean Colours Scenario</b>	0.06	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
35	Breakfast Cereal, Puffed/Formed/Flakes, Fruit	144														

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<i>Mean Colours Scenario</i>	3.3	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	3.3	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Breakfast Cereal, Biscuit, Fruit	143, 431														
		<i>Mean Colours Scenario</i>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Breakfast Cereal, Coloured	145, 146, 433, 603														
		<i>Mean Colours Scenario</i>	0	0	4.5	0	28.5	0	12.63	9.63	0	13.13	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	18	0	82	0	24	31	0	34	0	0	0	0
38	Biscuits, Sweet, Plain	616														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	Cones, Ice cream	168, 202														
		<i>Mean Colours Scenario</i>	0.6	0	0	0	0	0	7	7	0	1.25	0	0	0	0
		<i>Maximum Colours Scenario</i>	1.2	0	0	0	0	0	14	14	0	2.5	0	0	0	0
40	Biscuits, Sweet, Fruit	178, 615														
		<i>Mean Colours Scenario</i>	0	0	1.25	0	0	0	1.25	1.25	0	0	0	0	0	0



Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0	0	2.5	0	0	0	2.5	2.5	0	0	0	0	0	0
42	Biscuit, Sweet, Fruit Filled	165, 620														
		<b>Mean Colours Scenario</b>	3.1	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	3.1	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Biscuit, Sweet, Jam Filled	174, 612														
		<b>Mean Colours Scenario</b>	0.25	0	26	0	0	0	7	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.25	0	52	0	0	0	14	0	0	0	0	0	0	0
44	Biscuit, Sweet, Tartlet	170														
		<b>Mean Colours Scenario</b>	0	0	68	0	0	0	2.5	2.5	0	2.5	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	68	0	0	0	2.5	2.5	0	2.5	0	0	0	0
45	Biscuits, Sweet, Iced	162, 164, 623														
		<b>Mean Colours Scenario</b>	0	0.13	2.67	0	0	2.33	1.67	2.5	0	8.83	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0.25	8	0	0	7	2.5	2.5	0	24	0	0	0	0
46	Biscuits, Sweet, Marshmallow	167, 175														
		<b>Mean Colours Scenario</b>	0	0.13	11.5	0	0	0	0	0	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0	0.25	23	0	0	0	0	0	0	0	0	0	0	0
47	Biscuit, Sweet, Sandwich, Cream & Jam Filled	163, 166														
		<b>Mean Colours Scenario</b>	0	0	5.75	0	0	0	1.25	1.25	0	0	1.25	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	9	0	0	0	2.5	2.5	0	0	2.5	0	0	0
48	Biscuit, Sweet, Sandwich, Cream Filled	163, 166, 176, 177, 179, 610, 621, 622, 624														
		<b>Mean Colours Scenario</b>	0	0.05	8.83	0	0	0	10.11	5.11	0	0.89	0.28	0	0	0
		<b>Maximum Colours Scenario</b>	0	0.25	43	0	0	0	33	12	0	8	2.5	0	0	0
49	Biscuit, Sweet, Wafer, Cream Filled, Non-chocolate	613, 614														
		<b>Mean Colours Scenario</b>	0	0	4	0	0	0	4.25	1.25	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	8	0	0	0	6	2.5	0	0	0	0	0	0
50	Biscuit, Sweet, Wafer, Chocolate Cream Filled	169, 614														
		<b>Mean Colours Scenario</b>	0	0	4	0	0	0	3	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	8	0	0	0	6	0	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
51	Biscuit, Sweet, Choc Chip/Dipped	172, 180														
		<b>Mean Colours Scenario</b>	0.13	0.13	0	0	0	0	0	0	0	1.25	0	2.5	0	0
		<b>Maximum Colours Scenario</b>	0.25	0.25	0	0	0	0	0	0	0	2.5	0	5	0	0
52	Biscuit, Sweet, Choc Coated	160, 161, 173, 611, 617, 619														
		<b>Mean Colours Scenario</b>	1.63	0	9.5	0.83	0.42	0	10.58	4.08	0	6.58	0	0	0	0.42
		<b>Maximum Colours Scenario</b>	4.9	0	30	5	2.5	0	32	17	0	37	0	0	0	2.5
54	Biscuits, Sweet, Marshmallow & Jam, Choc Coated	171, 175														
		<b>Mean Colours Scenario</b>	0	0.13	0	0	4	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0.25	0	0	8	0	0	0	0	0	0	0	0	0
55	Biscuits, Savoury, Flavoured	191, 192, 193, 196, 197, 200, 201, 618														
		<b>Mean Colours Scenario</b>	1.06	0	0	0	0	0.31	1	6.06	0	0.31	0	0	0	0
		<b>Maximum Colours Scenario</b>	5.2	0	0	0	0	2.5	8	46	0	2.5	0	0	0	0
56	Cake, Plain/Flavoured Uniced	651														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	2.5	5	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	2.5	5	0	0	0	0	0	0
57	Cake, Plain/Flavoured Iced	207, 226, 400, 403, 650														
		<b>Mean Colours Scenario</b>	0	0	1.4	0.5	0.5	1	4.7	3.7	0	6.8	0	6	0.5	0.5
		<b>Maximum Colours Scenario</b>	0	0	7	2.5	2.5	2.5	21	16	0	29	0	12	2.5	2.5
58	Cake, NFS	205, 207, 208, 209, 210, 214, 215, 216, 217, 226, 397, 398, 399, 400, 401, 403, 404, 406, 625, 649, 650, 651														
		<b>Mean Colours Scenario</b>	0.08	0.41	0.45	0.12	2.5	1.64	6.07	8	0	3.40	0	1.33	0.12	7.41
		<b>Maximum Colours Scenario</b>	0.25	3.7	7	2.5	25	19	89	41	0	29	0	12	2.5	82
59	Cake, Plain Dry Mix	402, 405														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	Cake, Sultana/Date Iced/Uniced	649	na	na	0	0	0	0	2.5	10	0	0	0	na	0	0
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	2.5	10	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	2.5	10	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
62	Cake, Chocolate, Dry Mix	203, 204, 206, 212, 213														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	8.2	0	2	0	3.2	0	0	0	25.6
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	41	0	10	0	16	0	0	0	110
63	Cake, Tea	397														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	2.5	13	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	2.5	13	0	0	0	0	0	0
64	Cake, Chocolate, Iced/Uniced	216, 406														
		<i>Mean Colours Scenario</i>	0	0	1.25	0	4.75	0	1.25	1.25	0	15	0	0	0	50
		<i>Maximum Colours Scenario</i>	0	0	2.5	0	7	0	2.5	2.5	0	21	0	0	0	82
65	Cake, Fruit	398, 399, 625, 649														
		<i>Mean Colours Scenario</i>	0	0	0	0	0.63	0.63	0.63	26	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	2.5	2.5	2.5	41	0	0	0	0	0	0
68	Cake, Lamington	205, 208, 401														
		<i>Mean Colours Scenario</i>	0.13	0	0	0	8.33	0	29.67	6.33	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0.25	0	0	0	25	0	89	19	0	0	0	0	0	0
69	Donuts, Pink Topping	220, 223														

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<i>Mean Colours Scenario</i>	0	0.13	0	1.25	1.25	2.5	0	0	0	2.5	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0.25	0	2.5	2.5	2.5	0	0	0	2.5	0	0	0	0
70	Cake, Sponge, Roll Jam/Cream	209, 210, 215, 217														
		<i>Mean Colours Scenario</i>	0.13	0.93	0	0	3.25	6.75	0.63	0	0	1.88	0	0	0	13.25
		<i>Maximum Colours Scenario</i>	0.25	3.7	0	0	7	19	2.5	0	0	5	0	0	0	44
71	Cake, Sponge, Choc, Cream Filled	210, 217														
		<i>Mean Colours Scenario</i>	0.25	0	0	0	3	4	1.25	0	0	3.75	0	0	0	26.5
		<i>Maximum Colours Scenario</i>	0.25	0	0	0	6	8	2.5	0	0	5	0	0	0	44
72	Bun, Sweet, Iced	222	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	Muffins, Sweet, Chocolate	203, 213														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Pie, Apple	224														
		<i>Mean Colours Scenario</i>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
76	Pate, Seafood	188														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	Slice, Choc, Dry Mix	211														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	45
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	45
78	Biscuit Mix, Dry	219														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	2.5	2.5	2.5	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	2.5	2.5	2.5	0	0	0	0	0	0
79	Slice, NFS	218														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Pie, Sweet	224, 648														
		<b>Mean Colours Scenario</b>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
81	Noodle, Asian Style Sauce	158														

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82	Pie, Lemon Meringue	648														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Pie, Custard	225														
		<i>Mean Colours Scenario</i>	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0
84	Pie, Shepherds	640														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Vol au Vent, Cheese & Vegetable	369														
		<i>Mean Colours Scenario</i>	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0
86	Pie, Chicken & Vegetable	367, 631, 637, 641														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0.63	0	0	0	0	0	0	0



Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	2.5	0	0	0	0	0	0	0
<b>87</b>	Pie, Steak & Bacon	632														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>88</b>	Pie, Cheese and Spinach	368														
		<b>Mean Colours Scenario</b>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>89</b>	Pie, Meat	359, 360, 361, 362, 363, 364, 630, 633, 634, 635, 636, 638, 639, 642, 643														
		<b>Mean Colours Scenario</b>	0.2	0	0	0	0	0	0.67	0.67	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.25	0	0	0	0	0	2.5	10	0	0	0	0	0	0
<b>90</b>	Pie, Meat, Reduced Fat	629														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>91</b>	Pizza, No Meat	358														

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	Sausage Roll	348, 365, 366														
		<i>Mean Colours Scenario</i>	0.08	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
93	Pizza, Meat	357														
		<i>Mean Colours Scenario</i>	0.25	0.25	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0.25	0.25	0	0	0	0	0	0	0	0	0	0	0	0
94	Spring Roll/Dim Sim Meat/Vegetable	353														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	2.5	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	2.5	0	0	0	0	0	0
95	Pork Bun	352														
		<i>Mean Colours Scenario</i>	0	0	2.5	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	2.5	0	0	0	0	0	0	0	0	0	0	0
96	Pasta & Sauce Dry Mix, Cream Based	350, 354, 355														
		<i>Mean Colours Scenario</i>	6.08	0	0	0	0	0	0	0	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	18	0	0	0	0	0	0	0	0	0	0	0	0	0
97	Pasta & Sauce, Tomato Based	346														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	Pasta & Sauce, Cream Based (hydration factors applied)	350, 354, 355														
		<b>Mean Colours Scenario</b>	2.03	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	6	0	0	0	0	0	0	0	0	0	0	0	0	0
99	Lasagne, Meat	347, 351														
		<b>Mean Colours Scenario</b>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
100	Lasagne, Vegetable	349														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	Margarine/Margarine Spread	37, 39, 40, 41, 416, 417, 418, 419, 420, 424, 425, 426, 427, 428, 429														

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<i>Mean Colours Scenario</i>	3.48	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	8.4	0	0	0	0	0	0	0	0	0	0	0	0	0
103	Margarine/Margarine Spread, Reduced Fat	38, 421, 422, 423, 430														
		<i>Mean Colours Scenario</i>	5.3	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	5.3	0	0	0	0	0	0	0	0	0	0	0	0	0
104	Fish, Battered/Crumbed	373														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	Glace Cherry	88														
		<i>Mean Colours Scenario</i>	0	0.25	96	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0.25	96	0	0	0	0	0	0	0	0	0	0	0
106	Bacon	189														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	Sausage, Continental	186														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	2.5	2.5	0	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	2.5	2.5	0	0	0	0	0	0	0
108	Frankfurters	181, 182, 183, 184														
		<b>Mean Colours Scenario</b>	3.53	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0
109	Luncheon Meat	185														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	Salami	187														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111	Indian Curry Dish	345, 356														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	1.25	1.25	1.25	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	2.5	2.5	2.5	0	0	0	0	0	0
112	Yoghurt, Plain	467														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	Yoghurt, Vanilla	13, 20, 22, 30														

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Mean Colours Scenario</b>	0.43	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0
114	Yoghurt, Fruit/Muesli	11, 12, 14, 15, 16, 17, 18, 19, 21, 23, 29, 468, 473, 474, 478, 480, 481														
		<b>Mean Colours Scenario</b>	0.39	1.15	0	0	0	0.15	0	0	0	1.15	0	0	0	0.15
		<b>Maximum Colours Scenario</b>	1.7	5.8	0	0	0	2.5	0	0	0	17	0	0	0	2.5
115	Yoghurt, NFS	11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 30, 465, 466, 467, 468, 473, 474, 478, 480, 481														
		<b>Mean Colours Scenario</b>	0.39	0.9	0	0	0	0.11	0	0	0	0.85	0	0	0	0.11
		<b>Maximum Colours Scenario</b>	1.7	5.8	0	0	0	2.5	0	0	0	17	0	0	0	2.5
116	Dips	375, 376, 377, 378, 379	0	0	0	0	0	2.5	2.5	0	0	0	0	0	0	0
		<b>Mean Colours Scenario</b>	0.2	0.36	0	0	0	0.5	0.5	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	1	1.8	0	0	0	2.5	2.5	0	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
117	Cheese, Bocconcini/Mozarella	559														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118	Cheese, Cheddar	557, 560, 561, 562, 563, 564, 566, 567, 568, 569, 570														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0.45	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	5	0	0	0	0	0	0	0	0
119	Cheese, Colby	558														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	Cheese, Edam/Gouda	556, 565														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121	Cheese, Processed	31, 32, 33, 35, 36														
		<i>Mean Colours Scenario</i>	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
122	Cheese Spread	34														

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<i>Mean Colours Scenario</i>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
123	Cheese, Processed Light	32														
		<i>Mean Colours Scenario</i>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
124	Ice Cream, Vanilla	66, 69, 70, 75, 77														
		<i>Mean Colours Scenario</i>	0.62	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0
125	Ice Cream, Vanilla & Fruit	72														
		<i>Mean Colours Scenario</i>	1.4	0	6	0	0	0	0	0	0	2.5	0	0	0	0
		<i>Maximum Colours Scenario</i>	1.4	0	6	0	0	0	0	0	0	2.5	0	0	0	0
126	Ice Cream, Vanilla, Confectionery	71, 74, 78														
		<i>Mean Colours Scenario</i>	7.22	0	0	0.83	2.33	0.83	1.67	0.83	0	0.83	0	0	0	0.83
		<i>Maximum Colours Scenario</i>	16	0	0	2.5	7	2.5	2.5	2.5	0	2.5	0	0	0	2.5
127	Ice Cream, Vanilla, Confectionery/Fruit	71, 72, 74, 78														



Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<i>Mean Colours Scenario</i>	5.76	0	1.5	0.63	1.75	0.63	1.25	0.63	0	1.25	0	0	0	0.63
		<i>Maximum Colours Scenario</i>	16	0	6	2.5	7	2.5	2.5	2.5	0	2.5	0	0	0	2.5
128	Ice Cream, Chocolate, No Additions	64, 453, 464														
		<i>Mean Colours Scenario</i>	0	0	0	1.67	6.67	3	14.67	37.67	0	8	6.67	0	0	0.83
		<i>Maximum Colours Scenario</i>	0	0	0	2.5	20	9	30	71	0	24	20	0	0	2.5
129	Ice Cream, Vanilla, No Additions, Low Fat	75														
		<i>Mean Colours Scenario</i>	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0
130	Ice Cream Vanilla, Choc Fudge	78														
		<i>Mean Colours Scenario</i>	0.25	0	0	0	7	2.5	2.5	2.5	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0.25	0	0	0	7	2.5	2.5	2.5	0	0	0	0	0	0
131	Ice Cream, Chocolate, NFS	64, 76, 449, 453, 464														
		<i>Mean Colours Scenario</i>	0	0	0	1	4.5	2.3	10.6	22.6	0	34.4	4	0	0	12.2
		<i>Maximum Colours Scenario</i>	0	0	0	2.5	20	9	30	71	0	140	20	0	0	56
132	Ice Cream, Chocolate, Choc Chip	76, 449, 453, 464														

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Mean Colours Scenario</b>	0	0	0	1.25	5.63	2.88	13.25	28.25	0	43	5	0	0	15.25
		<b>Maximum Colours Scenario</b>	0	0	0	2.5	20	9	30	71	0	140	20	0	0	56
133	Ice Cream, Chocolate, Confec/Nut	65, 76, 449, 453, 464														
		<b>Mean Colours Scenario</b>	0.31	1.9	0	1	4.5	2.3	10.6	22.6	0	34.4	4	0	0	12.2
		<b>Maximum Colours Scenario</b>	0.62	3.8	0	2.5	20	9	30	71	0	140	20	0	0	56
134	Ice Cream, Other Flavours	68, 71, 73, 74, 452, 459, 462, 463														
		<b>Mean Colours Scenario</b>	8.66	0	0	0.31	2.88	0	3.19	14.38	0	4.13	0	0	0	0.31
		<b>Maximum Colours Scenario</b>	16	0	0	2.5	14	0	12	110	0	28	0	0	0	2.5
135	Ice Cream, Caramel/Coffee	71, 73, 74, 78, 452, 459														
		<b>Mean Colours Scenario</b>	8.66	0	0	0.42	1.17	0.42	0.83	0.42	0	0.42	0	0	0	0.42
		<b>Maximum Colours Scenario</b>	16	0	0	2.5	7	2.5	2.5	2.5	0	2.5	0	0	0	2.5
137	Ice Cream, Other Flavours, Nuts/Confec/Additions	65, 67, 73, 74, 78, 452, 459, 462														
		<b>Mean Colours Scenario</b>	3.98	0.76	0	0.31	2	0.31	2.13	14.06	0	3.82	0	0	0	0.31
		<b>Maximum Colours Scenario</b>	13	3.8	0	2.5	9	2.5	12	110	0	28	0	0	0	2.5

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
138	Ice Cream, Low Fat, Choc	64, 65														
		<b>Mean Colours Scenario</b>	0.31	1.9	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.62	3.8	0	0	0	0	0	0	0	0	0	0	0	0
139	Ice Cream, NFS	64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 449, 452, 453, 459, 462, 463, 464														
		<b>Mean Colours Scenario</b>	2.71	0.25	0.27	0.34	2.39	0.64	3.68	10.48	0	9.43	0.91	0	0	2.89
		<b>Maximum Colours Scenario</b>	16	3.8	6	2.5	20	9	30	110	0	140	20	0	0	56
140	Ice Cream, Stick/Bar, Vanilla, Choc Coated	57, 455, 456														
		<b>Mean Colours Scenario</b>	0.25	0	0	6.67	8.33	7.33	10.33	32.33	0	0	0.83	0	0	0
		<b>Maximum Colours Scenario</b>	0.25	0	0	20	25	22	31	97	0	0	2.5	0	0	0
141	Ice Cream, Stick/Bar, Choc, Choc Coated	60, 457														
		<b>Mean Colours Scenario</b>	0	0	0	6.5	0	0	0	5.25	0	8.5	0	0	0	50.75
		<b>Maximum Colours Scenario</b>	0	0	0	8	0	0	0	8	0	9	0	0	0	99
142	Ice Cream, Stick/Bar, Vanilla, Choc/Nut Coated	455														

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	Dairy Dessert, Vanilla, Dry Mix	299														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	2.5	2.5	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	2.5	2.5	0	0	0	0	0	0
144	Ice Cream, Stick/Bar, Flavoured, Choc Coated	56, 60, 455, 456														
		<b>Mean Colours Scenario</b>	5.5	0	0	6.25	6.25	5.5	7.75	24.88	0	2	0.63	0	0	24.75
		<b>Maximum Colours Scenario</b>	11	0	0	20	25	22	31	97	0	8	2.5	0	0	99
145	Ice Cream, Stick/Bar, Other Flavours, Biscuit & Choc Coated	56														
		<b>Mean Colours Scenario</b>	11	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	11	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Ice Cream, Filled Cone, All Flavours, Choc/Nut Topped	46, 50, 51, 61, 450, 451, 460														
		<b>Mean Colours Scenario</b>	0.38	0.06	0.36	10.71	4.57	6	6.64	24	7.14	5.57	8.29	0	0	6.36

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	1.5	0.25	2.5	55	14	16	23	100	50	22	32	0	0	42
148	Ice Cream, Stick/Bar, Chocolate	58														
		<b>Mean Colours Scenario</b>	0.25	0	0	0	0	0	2.5	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.25	0	0	0	0	0	2.5	0	0	0	0	0	0	0
149	Ice Cream, Stick/Bar, Other Flavours	42, 56, 59, 454														
		<b>Mean Colours Scenario</b>	4	0	0	0	2.63	5.5	0	0	0	40.63	0	0	0	0
		<b>Maximum Colours Scenario</b>	11	0	0	0	8	13	0	0	0	160	0	0	0	0
150	Ice Cream, Stick/Bar, NFS	42, 44, 45, 46, 49, 50, 51, 56, 57, 58, 59, 60, 61, 62, 450, 451, 454, 455, 456, 457, 460														
		<b>Mean Colours Scenario</b>	1.21	0.02	0.12	5.14	4.60	4.10	3.93	13.24	2.38	10.52	2.88	0	0	6.95
		<b>Maximum Colours Scenario</b>	11	0.25	2.5	55	29	22	31	100	50	160	32	0	0	99
151	Stick/Bar, Vanilla Ice Cream, Fruit Ice Confection Coating	44, 45, 49, 62														
		<b>Mean Colours Scenario</b>	0.74	0	0	0	7.25	0	0.63	0.63	0	0.63	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	1.4	0	0	0	29	0	2.5	2.5	0	2.5	0	0	0	0
152	Ice Confection, Water/Juice based NFS	43, 47, 48, 52, 53, 54, 55, 62, 63														
		<b>Mean Colours Scenario</b>	0.17	0	1.61	0.56	2.67	1	3.5	6.28	0	2.28	0	0	0	0
		<b>Maximum Colours Scenario</b>	1.3	0	12	2.5	19	9	18	43	0	13	0	0	0	0
153	Thickshake, Strawberry	10														
		<b>Mean Colours Scenario</b>	0	0	16	0	0	0	2.5	0	0	2.5	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	16	0	0	0	2.5	0	0	2.5	0	0	0	0
154	Yoghurt, Frozen, Fruit Flavour	26, 27, 28, 458														
		<b>Mean Colours Scenario</b>	1.02	1.26	0.63	0.63	0	0	0	0	0	0.63	0	0	0	0
		<b>Maximum Colours Scenario</b>	2.8	3.1	2.5	2.5	0	0	0	0	0	2.5	0	0	0	0
155	Crème Caramel	306, 308														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	2.5	6	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	2.5	6	0	0	0	0	0	0
156	Custard, Vanilla	300, 310														
		<b>Mean Colours Scenario</b>	0.32	0	0	0	0	0	0	0	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0.64	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Custard/Dairy Dessert, Chocolate	298, 307, 313, 471														
		<b>Mean Colours Scenario</b>	0	0.08	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0
158	Fromage Frais, Fruit Flavour	303, 304, 309, 311														
		<b>Mean Colours Scenario</b>	1.4	0.66	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	5.6	1.4	0	0	0	0	0	0	0	0	0	0	0	0
159	Dairy Dessert, Chocolate, Dry Mix	312														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	7000
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	7000
160	Dairy Dessert, Other Flavours	301, 302, 303, 304, 305, 309, 311, 469, 470, 472, 475, 479														
		<b>Mean Colours Scenario</b>	0.84	1.99	0	0	0	0	1.63	4.42	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	5.6	6.3	0	0	0	0	11	34	0	0	0	0	0	0
161	Mousse, Chocolate	307														

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Cheesecake, Fruit Topped	221														
		<i>Mean Colours Scenario</i>	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0
163	Soy Beverage, Chocolate	25, 547														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	1.25	0	0	0	1.25
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	2.5	0	0	0	2.5
164	Soy Beverage, Other Flavours	24, 546														
		<i>Mean Colours Scenario</i>	0	0	0	0	1.25	0	0	5	0	1.25	0	0	0	1.25
		<i>Maximum Colours Scenario</i>	0	0	0	0	2.5	0	0	10	0	2.5	0	0	0	2.5
165	Flavoured Milk, Chocolate	1, 2, 3, 4, 5, 7, 8, 549, 550, 552, 553, 554														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	3.88	0	0	0	2.08
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	21	0	0	0	2.5
166	Flavoured Milk, Coffee	544														



Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	Flavoured Milk, Other	6, 9, 10, 542, 543, 548														
		<i>Mean Colours Scenario</i>	0	1.07	2.67	0	0.83	1.25	3	7.25	0	0.42	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	3.2	16	0	2.5	5	13	41	0	2.5	0	0	0	0
168	Jelly Crystals, Made up (hydration factors applied)	290, 291, 292, 293, 294, 295, 296, 297, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585														
		<i>Mean Colours Scenario</i>	0	0	1.66	2.58	2.18	2.21	2.09	2.92	0.02	0.73	0	0	0.11	0
		<i>Maximum Colours Scenario</i>	0	0	38.10	39.68	31.75	26.98	17.54	32.61	0.40	10.63	0	0	0.40	0
169	Topping, Caramel	331, 332, 501, 502, 505, 510														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0.42	2.17	17	0	1.25	0	0	0	0.83
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	2.5	7	49	0	2.5	0	0	0	2.5
170	Wedges	647														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	Sauce, Plum	341														
		<b>Mean Colours Scenario</b>	0	77	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	77	0	0	0	0	0	0	0	0	0	0	0	0
172	Sauce, Seafood Cocktail	334														
		<b>Mean Colours Scenario</b>	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0
173	Sauce, Cheese, Dry Mix	337														
		<b>Mean Colours Scenario</b>	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0
174	Sauce, White, Dry Mix	338														
		<b>Mean Colours Scenario</b>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
175	Sauce, Béarnaise	333														
		<b>Mean Colours Scenario</b>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
176	Sauce, Simmer, Indian Curry	339														
		<i>Mean Colours Scenario</i>	0	0	16	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	16	0	0	0	0	0	0	0	0	0	0	0
177	Fruit Chutney	83														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	Gherkins	79														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	2.5	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	2.5	0	0	0	0
179	Mustard Pickle	81														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	2.5	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	2.5	0	0	0	0	0	0
180	Corn Relish	82														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181	Dressing, Thousand Island	335, 342														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182	Chips, Hot Potato	325, 326, 644, 645, 646														
		<b>Mean Colours Scenario</b>	0.13	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
183	Crisp, Potato, Flavoured	380, 381, 382, 385, 386, 387, 393, 411, 413														
		<b>Mean Colours Scenario</b>	0.07	0.07	0.67	0	0	0	0.28	0	0	0.28	0.28	0	0	0
		<b>Maximum Colours Scenario</b>	0.25	0.25	6	0	0	0	2.5	0	0	2.5	2.5	0	0	0
184	Crisp, Corn	383, 394, 407, 410, 609														
		<b>Mean Colours Scenario</b>	0	0	1.5	0	0	0	3.7	1	0	1	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	2.5	0	0	0	11	2.5	0	2.5	0	0	0	0
185	Popcorn, flavoured	388														
		<b>Mean Colours Scenario</b>	7	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	7	0	0	0	0	0	0	0	0	0	0	0	0	0
186	Popcorn, Sugar Coated, Coloured	129														
		<b>Mean Colours Scenario</b>	0	0	0	0	12	0	5	2.5	0	2.5	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0	0	0	0	12	0	5	2.5	0	2.5	0	0	0	0
187	Crisp, Prawn	396														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	2.5	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	2.5	0	0	0	0	0	0	0
188	Snack, Cheese Flavour, Extruded	384, 392, 408, 409, 415, 602, 606														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	83.57	38.21	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	279	118	0	0	0	0	0	0
189	Snack, Non-Cheese Flavour, Extruded	390, 391, 395, 414														
		<b>Mean Colours Scenario</b>	0	0.08	0	0	0.63	0	6.25	1.25	0	0.63	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0.25	0	0	2.5	0	20	2.5	0	2.5	0	0	0	0
190	Snack, Chick Pea Based	389														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191	Topping, Chocolate	327, 328, 499, 507														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	12.75	0	0.63	0	0	0	23.75

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	51	0	2.5	0	0	0	84
192	Topping, Other Flavours	329, 330, 331, 332, 498, 500, 501, 502, 503, 504, 505, 506, 509, 510, 511														
		<b>Mean Colours Scenario</b>	0	0	0	12.53	9.33	9.77	3.57	9.4	0	0.5	0	0	0	0.33
		<b>Maximum Colours Scenario</b>	0	0	0	170	61	75	17	49	0	2.5	0	0	0	2.5
193	Jam, All Flavours	80, 84, 85, 86, 87, 626														
		<b>Mean Colours Scenario</b>	0	0	0	0	0.42	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	2.5	0	0	0	0	0	0	0	0	0
194	Jam, Artificially Sweetened	627, 628														
		<b>Mean Colours Scenario</b>	0	0	6	0	0	0	0	0	0	0	7	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	12	0	0	0	0	0	0	0	14	0	0	0
195	Jelly Crystals	290, 291, 292, 293, 294, 295, 296, 297, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585														

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<i>Mean Colours Scenario</i>	0	0	10.44	54.35	13.76	20.13	67.67	108.70	0.11	5.04	0	0	0.76	0
		<i>Maximum Colours Scenario</i>	0	0	240	1000	200	170	1000	1500	2.5	67	0	0	2.5	0
196	Bar, Wafer, nuts, caramel, choc coated	93														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197	Caramel/Toffee, Choc Coated	103														
		<i>Mean Colours Scenario</i>	0	0	2.5	0	0	2.5	0	2.5	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	2.5	0	0	2.5	0	2.5	0	0	0	0	0	0
198	Chocolate, Filled	96, 97, 99, 101, 103														
		<i>Mean Colours Scenario</i>	0	0	0.5	0.5	0.5	1	0.5	1.5	0	0.5	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	2.5	2.5	2.5	2.5	2.5	2.5	0	2.5	0	0	0	0
199	Chocolate, Candy Coated	89, 90, 98, 599														
		<i>Mean Colours Scenario</i>	0	0.08	9.25	0	4.25	4.63	6.38	2.63	0	4.88	0.63	0	3.25	0
		<i>Maximum Colours Scenario</i>	0	0.25	23	0	17	16	17	8	0	12	2.5	0	13	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
201	Bar, Chocolate, Cherry/Fruit	91, 594														
		<i>Mean Colours Scenario</i>	0	0	16.5	3.5	0	0	0	1.25	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	24	7	0	0	0	2.5	0	0	0	0	0	0
204	Peanuts, Choc Coated, Candy Shell	94														
		<i>Mean Colours Scenario</i>	0	0	2.5	0	0	0	2.5	15	0	2.5	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	2.5	0	0	0	2.5	15	0	2.5	0	0	0	0
205	Bar, Peppermint Crackle, Choc Coated	95														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	2.5	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	2.5	0	0	0	0
206	Turkish Delight, Choc Coated	92, 102, 600														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	16.33	12.33	1.67	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	35	27	2.5	0	0	0	0	0	0
207	Bar, Yoghurt Based, Rice Crisp, Choc	319														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	2.5	0	2.5	0	2.5	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	2.5	0	2.5	0	2.5	0	0	0	0



Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
208	Muesli Bar, Fruit	321														
		<i>Mean Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
209	Muesli Bar/Bar, with Yoghurt	323														
		<i>Mean Colours Scenario</i>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
210	Bar, Fruit Based	324														
		<i>Mean Colours Scenario</i>	0	0.83	0	0	0	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0.83	0	0	0	0	0	0	0	0	0	0	0	0
211	Bar, Fruit Based, with Cereal-based Coating	320, 322														
		<i>Mean Colours Scenario</i>	0	0	0	0	1.25	7.5	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	2.5	15	0	0	0	0	0	0	0	0
212	Fruit Leather, Sugar Added	314, 315, 316, 317, 318, 590, 591														
		<i>Mean Colours Scenario</i>	0.2	0.50	0	0	24.93	0	0	0	0	8.43	0	0	0.36	0
		<i>Maximum Colours Scenario</i>	0.25	1.2	0	0	160	0	0	0	0	42	0	0	2.5	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
213	Confectionery, Carbohydrate Modified, Not Chocolate	589, 592, 593														
		<i>Mean Colours Scenario</i>	0	0	3.67	0	0	0	15	1.67	0	0.83	0	0	0	0.83
		<i>Maximum Colours Scenario</i>	0	0	11	0	0	0	45	2.5	0	2.5	0	0	0	2.5
214	Coconut Ice	130														
		<i>Mean Colours Scenario</i>	0	0	0	0	2.5	2.5	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	2.5	2.5	0	0	0	0	0	0	0	0
216	Liquorice, Plain	131														
		<i>Mean Colours Scenario</i>	0	0	25	0	0	0	2.5	2.5	0	25	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	25	0	0	0	2.5	2.5	0	25	0	0	0	0
217	Liquorice, Allsorts	134														
		<i>Mean Colours Scenario</i>	0	0	0	0	9	0	5	2.5	0	2.5	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	9	0	5	2.5	0	2.5	0	0	0	0
218	Marshmallow	128														
		<i>Mean Colours Scenario</i>	0	0	0	0	16	0	0	0	0	0	0	0	0	0
		<i>Maximum Colours Scenario</i>	0	0	0	0	16	0	0	0	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
219	Boiled Lolly	100, 110, 111, 112, 127, 587, 595, 596, 598, 601														
		<b>Mean Colours Scenario</b>	0.05	0.05	27	0.25	3.6	0	3.55	2.65	0	5.1	0.5	0	0	0
		<b>Maximum Colours Scenario</b>	0.25	0.25	160	2.5	28	0	9	14	0	27	2.5	0	0	0
221	Confectionery, Sugar Type Soft/Jelly	109, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 132, 133, 135, 136, 137, 138, 139, 140, 588, 596, 601														
		<b>Mean Colours Scenario</b>	0	0.01	10.42	0.46	8.98	0.10	3.15	4.5	0	4.35	0.19	0.26	0	0
		<b>Maximum Colours Scenario</b>	0	0.25	160	12	65	2.5	33	47	0	27	2.5	6	0	0
222	Sherbet	586														
		<b>Mean Colours Scenario</b>	0	0	0	2.5	0	0	21	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	2.5	0	0	21	0	0	0	0	0	0	0
224	Chewing Gum	105, 106, 107, 108, 597														
		<b>Mean Colours Scenario</b>	0	2.75	4	0	0	0	0	0	0	0.5	8.2	0	0.5	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0	11	15	0	0	0	0	0	0	2.5	41	0	2.5	0
225	Vodka	495														
		<b>Mean Colours Scenario</b>	0	0	0	0	23	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	23	0	0	0	0	0	0	0	0	0
226	Advocaat	488														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	10	28	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	10	28	0	0	0	0	0	0
227	Liqueur, Coffee Flavour	494														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
228	Mixed Alcoholic Drinks, Creamy	489, 490, 491, 492, 493														
		<b>Mean Colours Scenario</b>	0	0	0	0.5	0.5	0.5	1.6	40.4	0	2.2	0	0	0	1
		<b>Maximum Colours Scenario</b>	0	0	0	2.5	2.5	2.5	8	154	0	6	0	0	0	2.5
229	Liqueur, Other Flavours	484, 485, 486, 487, 496														
		<b>Mean Colours Scenario</b>	0	0	0	2.6	0	0	12.4	22.1	0	5.6	0.5	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0	0	0	7	0	0	56	68	0	28	2.5	0	0	0
230	Mixed Alcoholic Drinks, Non-Cola, with Vodka	258, 259, 260, 261, 482, 483														
		<b>Mean Colours Scenario</b>	0	0	0	0	2.5	0	6.83	1.25	0	0.83	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	15	0	36	2.5	0	2.5	0	0	0	0
231	Beverage Flavouring, Dry Mix, Non-Chocolate	287, 288, 289														
		<b>Mean Colours Scenario</b>	0.57	0.28	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	1.7	0.59	0	0	0	0	0	0	0	0	0	0	0	0
232	Curry Paste	336, 340, 343, 344														
		<b>Mean Colours Scenario</b>	0	0	7.75	0	16.5	5.75	18.63	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	19	0	66	23	72	0	0	0	0	0	0	0
233	Breakfast Bar, NFS	319, 320, 321, 322, 323														
		<b>Mean Colours Scenario</b>	0.05	0	0	0	0.5	3.5	0	0.5	0	0.5	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.25	0	0	0	2.5	15	0	2.5	0	2.5	0	0	0	0
234	Other Vegetable Juices	447														

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
235	Fruit Drinks, Other Flavours	243, 247, 248, 434, 437, 438, 439, 440, 441, 442, 443														
		<b>Mean Colours Scenario</b>	0.17	0	0	0	2.27	0	0	0	0	0.86	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.25	0	0	0	25	0	0	0	0	7	0	0	0	0
236	Cordial, NFS (hydration factors applied)	227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 252, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 526														
		<b>Mean Colours Scenario</b>	0	0.04	0	0.44	1.48	0	0.54	0.78	0	0.19	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0.54	0	4.4	28	0	3.6	4.8	0	4	0	0	0	0
237	Drink Base, Fruit (hydration factors applied)	444														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	17.5	44.17	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	17.5	44.17	0	0	0	0	0	0
238	Juice, NFS	241, 242, 244, 245, 246, 249, 250, 251, 435, 436, 446, 447, 448														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
239	Soft drink, NFS	262, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 282, 283, 285, 286, 527, 528, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541														
		<b>Mean Colours Scenario</b>	0	0.07	0	1.29	1.60	0.16	10.71	3.63	0	0.08	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	1.3	0	30	23	2.5	54	44	0	2.5	0	0	0	0
240	Pasta, Cheese Filled, Cooked (hydration factors applied)	150														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT	
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
241	Pasta, Filled NFS (hydration factors applied)	150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		151	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Mean Colours Scenario</b>	0.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
242	Noodles, Asian Style, Fried	152, 153															
		<b>Mean Colours Scenario</b>	0.46	0	0	0	0	0	0	0	0	0	0	0	0	0	
		<b>Maximum Colours Scenario</b>	0.67	0	0	0	0	0	0	0	0	0	0	0	0	0	
243	Biscuits, Savoury, Rice Crackers	190, 194, 195, 198, 199, 391, 414, 605															
		<b>Mean Colours Scenario</b>	0.62	0	0	0	0.63	0	4.38	0.94	0	0.63	0	0	0	0	
		<b>Maximum Colours Scenario</b>	1.9	0	0	0	2.5	0	20	2.5	0	2.5	0	0	0	0	
244	Fish Fingers	370, 371, 374															
		<b>Mean Colours Scenario</b>	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	
		<b>Maximum Colours Scenario</b>	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	
245	Cordial Concentrate, Blackcurrant	231, 232, 517, 521															



Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Mean Colours Scenario</b>	0	0	0	6.25	0	0	0	0	0	0.63	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	20	0	0	0	0	0	2.5	0	0	0	0
246	Cordial Concentrate, Citrus	229, 230, 235, 236, 237, 238, 512, 513, 518, 519, 522, 523, 524, 526														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	3.75	5.86	0	1.79	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	18	24	0	20	0	0	0	0
247	Cordial Concentrate, Non-Citrus	227, 228, 233, 234, 239, 240, 514, 515, 516, 520, 525														
		<b>Mean Colours Scenario</b>	0	0.45	0	3.5	18.23	0	2.32	2.82	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	2.7	0	22	140	0	11	16	0	0	0	0	0	0
248	Dry Drink Base, Fruit	444														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	210	530	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	210	530	0	0	0	0	0	0
249	Pasta, Egg, Cooked (hydration factors applied)	149														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250	Noodles, Instant, Cooked (hydration factors applied)	155, 156														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
251	Noodles, Asian Style Wheat, Cooked (hydration factors applied to sample 158)	157, 158, 159														
		<b>Mean Colours Scenario</b>	0.17	0	0	0	0.83	0	0	3	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.25	0	0	0	2.5	0	0	9	0	0	0	0	0	0
252	Noodles, Asian Style Egg, Cooked (hydration factors applied)	154														
		<b>Mean Colours Scenario</b>	0.08	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.08	0	0	0	0	0	0	0	0	0	0	0	0	0
253	Noodle, Asian Style, NS as to type, Cooked (hydration factors applied)	154, 155, 156, 157, 158, 159														
		<b>Mean Colours Scenario</b>	0.10	0	0	0	0.42	0	0	1.5	0	0	0	0	0	0

Food Sub-Group Number	Food Sub-Group	Survey Sample Number	Annatto	Cochineal/ Carmine	Allura Red	Amaranth	Azorubine	Ponceau 4R	Sunset Yellow	Tartrazine	Green S	Brilliant Blue	Indigotine	Quinoline Yellow	Brilliant Black	Brown HT
		<b>Maximum Colours Scenario</b>	0.25	0	0	0	2.5	0	0	9	0	0	0	0	0	0
254	Beef, crumbed	372														
		<b>Mean Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
255	Sauce, Cheese (hydration factors applied)	337														
		<b>Mean Colours Scenario</b>	0.08	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.08	0	0	0	0	0	0	0	0	0	0	0	0	0
256	Sauce, White (hydration factors applied)	338														
		<b>Mean Colours Scenario</b>	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0
257	Beverage Flavouring, Non-Chocolate (hydration factors applied)	287, 288, 289														
		<b>Mean Colours Scenario</b>	0.02	0.01	0	0	0	0	0	0	0	0	0	0	0	0
		<b>Maximum Colours Scenario</b>	0.07	0.01	0	0	0	0	0	0	0	0	0	0	0	0

**Table A5.2: Food mapping**

<b>Food Grouping</b>	<b>Food Sub-Group Number</b>	<b>Food Sub-Groups</b>	<b>NNS Foods Represented</b>	
<b>Beverages – Alcoholic</b>	<b>226</b>	Advocaat	Advocaat liqueur	
	<b>227</b>	Liqueur, Coffee Flavour	Coffee flavour liqueur, clear and cream-based	
	<b>229</b>	Liqueur, Other Flavours, Less Than 30% Alcohol	Cream-based liqueur, other flavours	
	<b>228</b>	Mixed Alcoholic Drinks, Creamy	Pina colada liqueur, Black Russian cocktail	
	<b>230</b>	Mixed Alcoholic Drinks, Non-Cola, with Vodka	Screwdriver cocktail, whisky or scotch & soda, alcoholic fruit punch and pre mixed canned/bottled alcoholic drinks	
	<b>225</b>	Vodka	Vodka	
<b>Beverages – Non-Alcoholic</b>	<b>257</b>	Beverage Flavouring, Non-Chocolate	High protein oral supplement, not chocolate flavour, ready-to-drink/made from powder	
	<b>231</b>	Beverage Flavouring, Non-Chocolate, Dry Mix	Non-chocolate meal replacement powder, high protein oral supplement powder and beverage flavourings	
	<b>14</b>	Cordial, Blackcurrant	Blackcurrant cordial	
	<b>15</b>	Cordial, Citrus	All citrus flavoured cordials, including intensely sweetened	
	<b>16</b>	Cordial, Non-Citrus	All non-citrus flavoured cordials, including intensely sweetened	
	<b>236</b>	Cordial, Not Further Specified	Diluted cordial, not further specified	
	<b>245</b>	Cordial Concentrate, Blackcurrant	Blackcurrant cordial base	
	<b>246</b>	Cordial Concentrate, Citrus	Citrus fruit cordial base, including intensely sweetened	
	<b>247</b>	Cordial Concentrate, Non-Citrus	Non-citrus cordial base, including intensely sweetened	
	<b>237</b>	Drink Base, Fruit	Fruit flavoured drink from dry base, including intensely sweetened	
	<b>Beverages – Non-Alcoholic</b>	<b>248</b>	Drink Base, Fruit, Dry	Fruit flavoured dry drink base, including intensely sweetened
		<b>7</b>	Fruit Drink, Apple	Apple & Apple-raspberry fruit drinks
		<b>8</b>	Fruit Drink, Apple Blackcurrant	Apple-blackcurrant and blackcurrant fruit drinks

<b>Food Grouping</b>	<b>Food Sub-Group Number</b>	<b>Food Sub-Groups</b>	<b>NNS Foods Represented</b>
	<b>10</b>	Fruit Drink, Lemon	Lemon and lemon-lime fruit drinks
	<b>11</b>	Fruit Drink, Orange	Citrus fruit drinks and citrus plus single fruit drink blends
	<b>13</b>	Fruit Drink, Orange Mango	Orange-mango and orange-passionfruit fruit drinks, mango fruit drinks and mango-banana nectars
	<b>235</b>	Fruit Drinks, Other Flavours	Grape fruit drinks and not further specified fruit drinks
	<b>12</b>	Fruit Drink, Pineapple	Pineapple and pineapple plus other fruit blend fruit drinks, tropical fruit drink and fruit nectars (except mango nectars)
	<b>1</b>	Juice, Apple & Blackcurrant	Apple juices (including sparkling), blackcurrant juice, and apple plus other single fruit juice blends
	<b>6</b>	Juice, Carrot	Carrot juice
	<b>2</b>	Juice, Grape	Grape juice
	<b>238</b>	Juice, Not Further Specified	Non-alcoholic fruit punch and not further specified fruit juice
	<b>3</b>	Juice, Orange	Citrus juices, including orange, lemon, grapefruit, lemon and lime
	<b>18</b>	Juice, Orange Mango	Orange-mango juice
	<b>234</b>	Juice, Other Vegetable	Celery/ tomato/ mixed vegetable juices
	<b>4</b>	Juice, Pear	Pear juice
	<b>5</b>	Juice, Pineapple or Prune	Pineapple juice and prune juice
	<b>17</b>	Juice, Tropical	Other fruit juice blends
	<b>23</b>	Mineral Water, Fruit	Fruit flavour mineral water, including intensely sweetened
	<b>21</b>	Soft Drink, Cola	Cola soft drinks, including intensely sweetened
	<b>22</b>	Soft Drink, Energy Drink	Energy soft drinks
<b>Beverages – Non-Alcoholic</b>	<b>19</b>	Soft Drink, Lemonade	Lemonade soft drinks, including intensely sweetened
	<b>239</b>	Soft drink, Not Further Specified	Soft drink, not further specified
	<b>20</b>	Soft Drink, Other Fruit Flavour	Fruit flavour soft drinks, including intensely sweetened

<b>Food Grouping</b>	<b>Food Sub-Group Number</b>	<b>Food Sub-Groups</b>	<b>NNS Foods Represented</b>
	<b>163</b>	Soy Beverage, Chocolate	Chocolate flavoured soy beverage
	<b>164</b>	Soy Beverage, Other Flavours	Non-chocolate flavoured soy beverages
	<b>24</b>	Sports Drink, All Flavours	Sports drink base/ready to drink
<b>Cereal-Based Foods</b>	<b>211</b>	Bar, Fruit Based, with Cereal-based Coating	Fruit based/filled bar with biscuit/cereal coating
	<b>55</b>	Biscuit, Savoury, Flavoured	Savoury biscuits, plain/cheese/corn flavour
	<b>243</b>	Biscuit, Savoury, Rice Crackers	Rice crackers
	<b>51</b>	Biscuit, Sweet, Choc Chip/Dipped	Sweet biscuits, choc dipped on one or both sides
	<b>52</b>	Biscuit, Sweet, Choc Coated	Choc/carob coated sweet biscuits and caramel/choc slice
	<b>40</b>	Biscuit, Sweet, Fruit	Fruit, fruit-nut & fruit-fibre sweet biscuits, including iced
	<b>42</b>	Biscuit, Sweet, Fruit Filled	Fruit-filled biscuits
	<b>45</b>	Biscuit, Sweet, Iced	Iced biscuits
	<b>43</b>	Biscuit, Sweet, Jam Filled	Jam-filled biscuits
	<b>46</b>	Biscuit, Sweet, Marshmallow	Marshmallow biscuits
	<b>54</b>	Biscuit, Sweet, Marshmallow & Jam, Choc Coated	Cream-filled, marshmallow/jam, choc coated biscuits
	<b>38</b>	Biscuit, Sweet, Plain	Plain sweet biscuits including ginger, shortbread, wheatmeal
	<b>47</b>	Biscuit, Sweet, Sandwich, Cream & Jam Filled	Cream-jam filled biscuits
	<b>48</b>	Biscuit, Sweet, Sandwich, Cream Filled	Plain & choc flavoured cream-filled biscuits
<b>Cereal-Based Foods</b>	<b>44</b>	Biscuit, Sweet, Tartlet	Fruit-filled & jelly-filled, plain/choc coated biscuits
	<b>50</b>	Biscuit, Sweet, Wafer, Chocolate Cream Filled	Cream & choc filled wafer biscuits
	<b>49</b>	Biscuit, Sweet, Wafer, Cream Filled, Non-chocolate	Non-chocolate flavoured cream-filled wafer biscuits

<b>Food Grouping</b>	<b>Food Sub-Group Number</b>	<b>Food Sub-Groups</b>	<b>NNS Foods Represented</b>
	<b>78</b>	Biscuit Mix, Dry	Plain/chocolate chip/chocolate & nut dry biscuit mix
	<b>233</b>	Breakfast Bar, Not Further Specified	Breakfast bars, not further specified
	<b>36</b>	Breakfast Cereal, Biscuit, Fruit	Wheat based breakfast cereal biscuits with fruit
	<b>27</b>	Breakfast Cereal, Biscuit, No Fruit	Wheat based breakfast cereal biscuits without fruit
	<b>26</b>	Breakfast Cereal, Bran	Bran based breakfast cereals
	<b>37</b>	Breakfast Cereal, Coloured	Coloured breakfast cereals
	<b>35</b>	Breakfast Cereal, Puffed/Formed/Flakes, Fruit	Puffed/formed/flaked breakfast cereals with fruit
	<b>28</b>	Breakfast Cereal, Puffed/Formed/Flakes, No Fruit	Puffed/formed/flaked breakfast cereal without fruit
	<b>95</b>	Bun, Pork	Pork bun
	<b>72</b>	Bun, Sweet, Iced	Iced bun with nuts/apple/coconut/custard
	<b>62</b>	Cake, Chocolate, Dry Mix	Dry mixes Chocolate cakes, muffins, puddings, brownies and chocolate slices
	<b>64</b>	Cake, Chocolate, Iced/Uniced	Chocolate cakes (including cream-filled and coated, chocolate coated, iced and uniced), puddings and icings
	<b>65</b>	Cake, Fruit	Fruit/nut cakes (including iced), upside down cake and plum pudding
	<b>68</b>	Cake, Lamington	Lamingtons
	<b>58</b>	Cake, Not Further Specified	Cakes, not further specified
	<b>59</b>	Cake, Plain, Dry Mix	Plain cake mix (e.g. angel, banana, sultana, carrot, sponge, muffin), dry scone mix and pancake/crepe/pikelet dry mix
<b>Cereal-Based Foods</b>	<b>56</b>	Cake, Plain/Flavoured, Uniced	Uniced cakes (e.g. Angel cake, banana cake, carrot cake, cupcakes, muffins), cake-style puddings (not chocolate), scones, pancakes, pikelets, coconut slice and doughnuts
	<b>57</b>	Cake, Plain/Flavoured, Iced	Iced cakes (e.g. banana cake, beehive cake, carrot cake, cupcakes), and slices (not chocolate)

<b>Food Grouping</b>	<b>Food Sub-Group Number</b>	<b>Food Sub-Groups</b>	<b>NNS Foods Represented</b>
	<b>71</b>	Cake, Sponge, Choc, Cream Filled	Chocolate sponge (including iced) and cream filled iced chocolate cupcakes
	<b>70</b>	Cake, Sponge, Roll Jam/Cream	Jam/fruit filled cupcakes, plain/flavoured sponge cakes (including iced), and Jam/cream filled doughnuts
	<b>60</b>	Cake, Sultana/Date	Sultana/date cake (including iced), muffins (plain, fruit, nut, wholemeal, bran), puddings with dried fruit and slices and scones with fruit
	<b>63</b>	Cake, Tea	Tea cake made from mix, iced
	<b>25</b>	Custard Powder, Dry	Custard powder dry mix with/without egg
	<b>69</b>	Doughnuts, Pink Topping	Sponges and lamingtons with pink icing with jelly & coconut, iced sponge cake and iced doughnuts
	<b>39</b>	Ice Cream Cones	Sugar, wafer and waffle Ice cream cones
	<b>99</b>	Lasagne, Meat	Meat lasagne, meat-filled pastas and meats in tomato based sauces (with or without pasta)
	<b>100</b>	Lasagne, Vegetable	Seafood and vegetable lasagnes, cheese/ vegetable filled pasta in tomato-based sauce and vegetables in mornay/ white/ cheese sauce
	<b>208</b>	Muesli Bar, Fruit	Muesli bar, plain/carob topped/fruit topped/choc topped
	<b>209</b>	Muesli Bar/Bar, with Yoghurt	Yoghurt coated/topped muesli bar
	<b>73</b>	Muffins, Sweet, Chocolate	Plain/flavoured muffin with choc chips/confectionery and chocolate muffins
	<b>252</b>	Noodles, Asian Style, Egg, Cooked	Cooked Asian style egg noodles
	<b>33</b>	Noodles, Asian Style, Egg, Uncooked	Dry/fresh Asian egg noodles
	<b>242</b>	Noodles, Asian Style, Fried	Fried egg noodles Asian style
<b>Cereal-Based Foods</b>	<b>34</b>	Noodles, Asian Style, Unspecified type, Uncooked	Dry/fresh Asian wheat/egg noodles
	<b>253</b>	Noodles, Asian Style, Unspecified type, Cooked	Cooked Asian style noodles
	<b>251</b>	Noodles, Asian Style, Wheat, Cooked	Cooked Asian style wheat noodles



<b>Food Grouping</b>	<b>Food Sub-Group Number</b>	<b>Food Sub-Groups</b>	<b>NNS Foods Represented</b>
	<b>32</b>	Noodles, Asian Style, Wheat, Uncooked	Dry Asian wheat noodles
	<b>250</b>	Noodles, Instant, Cooked	Cooked plain or flavoured instant Asian style noodles
	<b>31</b>	Noodles, Instant, Uncooked	Dry Asian instant noodles
	<b>81</b>	Noodles, with Asian-style Sauce	Asian noodles from dry mix with soy/satay/sweet base, Instant Asian noodles and sauce and Seafood and meats in Asian style simmer sauce
	<b>240</b>	Pasta, Cheese Filled, Cooked	Cheese & spinach filled pasta and potato or cheese filled dumplings
	<b>249</b>	Pasta, Egg, Cooked	Egg/egg & spinach pasta
	<b>29</b>	Pasta, Egg, Uncooked	Dry egg pasta and gnocchi
	<b>241</b>	Pasta, Filled, Not Further Specified	Filled pasta, not further specified
	<b>30</b>	Pasta, Meat Filled, Cooked	Cooked meat filled pasta without sauce and meat filled dumplings
	<b>98</b>	Pasta & Sauce, Cream Based	Cream/ cheese/ vegetable-based pasta & sauce dry mixes, pasta in cream- or cheese-based sauces and meats/ seafood/ vegetables in cream- or cheese-based sauces
	<b>97</b>	Pasta & Sauce, Tomato Based	Tomato-based pasta & sauce dry mix, meat and meat filled pasta in tomato-based sauce
	<b>96</b>	Pasta & Sauce Dry Mix, Cream Based	Cream-based, vegetable-based and cheese-based pasta & sauce dry mixes, and potato in sauce dry mixes
	<b>93</b>	Pizza, Meat	Pizzas with chicken, seafood or meat toppings
	<b>91</b>	Pizza, No Meat	Cheese & tomato based and vegetable/ vegetables & fruit pizzas
<b>Cereal-Based Foods</b>	<b>77</b>	Slice, Choc, Dry Mix	Brownie dry packet mix
	<b>79</b>	Slice, Not Further Specified	Fruit mince, jam-filled chocolate and fruit slices
<b>Condiments</b>	<b>180</b>	Corn Relish	Corn/ vegetable relishes

<b>Food Grouping</b>	<b>Food Sub-Group Number</b>	<b>Food Sub-Groups</b>	<b>NNS Foods Represented</b>
	<b>232</b>	Curry Paste	Curry paste
	<b>181</b>	Dressing, Thousand Island	Thousand island, coleslaw, Caesar and cream-style dressings
	<b>177</b>	Fruit Chutney	Fruit chutney (including intensely sweetened)
	<b>178</b>	Gherkins	Cucumber pickle
	<b>179</b>	Mustard Pickle	Mustard pickle
	<b>175</b>	Sauce, Béarnaise	Hollandaise and Béarnaise sauces
	<b>255</b>	Sauce, Cheese	Cheese sauce
	<b>173</b>	Sauce, Cheese, Dry Mix	Cheese sauce dry mix
	<b>171</b>	Sauce, Plum	Plum, chilli, curry, hoisin and sweet & sour sauces
	<b>172</b>	Sauce, Seafood Cocktail	Seafood cocktail sauce
	<b>176</b>	Sauce, Simmer, Indian Curry	Indian style simmer sauce
	<b>256</b>	Sauce, White	Savoury white sauce and cream-based pasta sauce with or without ham/ mushroom/ seafood
	<b>174</b>	Sauce, White, Dry Mix	White and seafood cream sauce dry mixes
<b>Confectionery &amp; Sugar-Based Foods</b>	<b>201</b>	Bar, Chocolate, Cherry/Fruit	Cherry & coconut bar/slice, choc coated/topped
	<b>210</b>	Bar, Fruit Based	Fruit based bar, carob coated/yoghurt coated/nut or seed coated
	<b>205</b>	Bar, Peppermint Crackle, Choc Coated	Peppermint slice/bar, peppermint icing/crackle filling, choc coated
	<b>196</b>	Bar, Wafer, Nuts/Caramel, Choc Coated	Choc coated caramel nougat or wafer or fudge bars with or without nuts/fruit/rice crisps and chocolate bars with coconut, honeycomb, rice crisps
	<b>207</b>	Bar, Yoghurt Based, Rice Crisp, Choc	Yoghurt based bar with nut/rice crisps, choc coated
	<b>219</b>	Boiled Lolly	Boiled lolly (plain/choc filling) and hard sugar confectionery
	<b>197</b>	Caramel/Toffee, Choc Coated	Caramel/soft toffee with/without nuts/coconut, choc coated

<b>Food Grouping</b>	<b>Food Sub-Group Number</b>	<b>Food Sub-Groups</b>	<b>NNS Foods Represented</b>
<b>Confectionery &amp; Sugar-Based Foods</b>	<b>224</b>	Chewing Gum	Chewing gum (including intensely sweetened)
	<b>199</b>	Chocolate, Candy Coated	Candy coated chocolate
	<b>198</b>	Chocolate, Filled	Filled chocolates and carob-coated sugar confectionery
	<b>214</b>	Coconut Ice	Coconut ice and meringue
	<b>213</b>	Confectionery, Carbohydrate Modified, Not Chocolate	Carbohydrate modified confectionery, not chocolate
	<b>221</b>	Confectionery, Sugar Type Soft/Jelly	Fudge (plain or with nuts), hundreds & thousands and soft/jelly sugar confectionery
	<b>212</b>	Fruit Leather, Sugar Added	Fruit leather with added sugar
	<b>152</b>	Ice Confection, Water/Juice based, Not Further Specified	Ice confection, all flavours
	<b>193</b>	Jam, All Flavours	Jam/fruit spread, all flavours
	<b>194</b>	Jam, Intensely Sweetened	Intensely sweetened jam, all flavours
	<b>195</b>	Jelly Crystals	Jelly crystals, all flavours
	<b>168</b>	Jelly Crystals, Reconstituted	Reconstituted jelly
	<b>217</b>	Liquorice, Allsorts	Liquorice allsorts
	<b>216</b>	Liquorice, Plain	Liquorice plain/choc coated
	<b>218</b>	Marshmallow	Marshmallow plain/flavoured, with/without coconut/ rice crisps/ choc coating, marshmallow wafer bars and marshmallow & sherbet filled cones
	<b>204</b>	Peanuts, Choc Coated, Candy Shell	Chocolate coated peanuts in candy shell and sugar-coated nuts
	<b>222</b>	Sherbet	Sherbet
	<b>169</b>	Topping, Caramel	Coffee flavoured topping
	<b>191</b>	Topping, Chocolate	Chocolate topping regular/artificially sweetened
	<b>192</b>	Topping, Other Flavours	Flavoured topping, regular/artificially sweetened, not chocolate or coffee flavour

<b>Food Grouping</b>	<b>Food Sub-Group Number</b>	<b>Food Sub-Groups</b>	<b>NNS Foods Represented</b>
	<b>206</b>	Turkish Delight, Choc Coated	Turkish delight plain/choc coated
<b>Dairy Products</b>	<b>117</b>	Cheese, Bocconcini/Mozzarella	Bocconcini and mozzarella cheese
	<b>118</b>	Cheese, Cheddar	Cheddar cheeses
	<b>119</b>	Cheese, Colby	Colby and Swiss cheeses
	<b>120</b>	Cheese, Edam/Gouda	Edam and Gouda cheeses
	<b>121</b>	Cheese, Processed	Cheddar/Swiss processed cheeses
	<b>123</b>	Cheese, Processed Light	Processed cheddar cheese
	<b>122</b>	Cheese Spread	Cheddar- and cream cheese-based cheese spreads
	<b>162</b>	Cheesecake, Fruit Topped	Fruit-topped cheesecake
	<b>155</b>	Crème Caramel	Crème caramel
	<b>156</b>	Custard, Vanilla	Vanilla custards
<b>Dairy Products</b>	<b>157</b>	Custard/Dairy Dessert, Chocolate	Chocolate flavoured custards, dairy desserts and cheesecakes
	<b>159</b>	Dairy Dessert, Chocolate, Dry Mix	Chocolate dairy dessert and mousse dry mixes
	<b>160</b>	Dairy Dessert, Other Flavours	Junket, cheesecake, rice pudding and non-chocolate dairy desserts
	<b>143</b>	Dairy Dessert, Vanilla, Dry Mix	Flavoured dairy desserts and cheesecake fillings from dry mix
	<b>116</b>	Dips	Yoghurt-, sour cream-, cream cheese- and cheese-based dips
	<b>165</b>	Flavoured Milk, Chocolate	Drinking chocolate made from powder and chocolate milk
	<b>166</b>	Flavoured Milk, Coffee	Coffee flavoured milk
	<b>167</b>	Flavoured Milk, Other Flavours	Flavoured milks, not chocolate/coffee
	<b>158</b>	Fromage Frais, Fruit Flavour	Fruit flavoured fromage frais
	<b>135</b>	Ice Cream, Caramel/Coffee	Coffee flavoured ice cream, plain/nuts

<b>Food Grouping</b>	<b>Food Sub-Group Number</b>	<b>Food Sub-Groups</b>	<b>NNS Foods Represented</b>
	<b>132</b>	Ice Cream, Chocolate, Choc Chip	Chocolate choc chip ice cream and vanilla and chocolate flavoured ice cream
	<b>133</b>	Ice Cream, Chocolate, Confectionery/Nut	Chocolate ice cream with confectionery/nuts
	<b>138</b>	Ice Cream, Chocolate, Low Fat	Low fat chocolate ice cream
	<b>128</b>	Ice Cream, Chocolate, No Additions	Chocolate ice creams and whey-based frozen desserts (including plain and with nuts) and chocolate milkshakes
	<b>131</b>	Ice Cream, Chocolate, Not Further Specified	Chocolate ice cream not further specified
	<b>147</b>	Ice Cream, Filled Cone, All Flavours, Choc/Nut Topped	Vanilla/chocolate/other flavour ice cream in cone, choc-nut topped
	<b>139</b>	Ice Cream, Not Further Specified	Not further specified type Ice creams, ice confections, ice cream cake and tofu-based ice confection
	<b>134</b>	Ice Cream, Other Flavours	Flavoured ice cream (plain/ nuts), flavoured ice confections, whey-based frozen desserts and flavoured tofu-based ice confection
	<b>137</b>	Ice Cream, Other Flavours, Nuts/ Confectionery/ Additions	Flavoured ice cream (plain/ nuts/ choc chip/ fruit/ confectionery)
<b>Dairy Products</b>	<b>148</b>	Ice Cream, Stick/Bar, Choc	Chocolate ice cream and ice confection sticks or bars
	<b>141</b>	Ice Cream, Stick/Bar, Choc, Choc Coated	Chocolate ice cream and ice confection sticks or bars, choc coated
	<b>144</b>	Ice Cream, Stick/Bar, Flavoured, Choc Coated	Flavoured ice cream and ice confection sticks or bars, choc coated
	<b>150</b>	Ice Cream, Stick/Bar, Not Further Specified	Not further specified Ice cream stick or bar
	<b>149</b>	Ice Cream, Stick/Bar, Other Flavours	Flavoured ice cream and ice confection sticks or bars
	<b>145</b>	Ice Cream, Stick/Bar, Other Flavours, Biscuit & Choc Coated	Flavoured ice cream and ice confection sticks or bars, biscuit crumb & choc coated
	<b>140</b>	Ice Cream, Stick/Bar, Vanilla, Choc Coated	Vanilla and caramel ice cream and ice confection sticks or bars, choc coated

<b>Food Grouping</b>	<b>Food Sub-Group Number</b>	<b>Food Sub-Groups</b>	<b>NNS Foods Represented</b>
	<b>142</b>	Ice Cream, Stick/Bar, Vanilla, Choc/Nut Coated	Vanilla ice cream stick or bar, choc-nut coated
	<b>151</b>	Ice Cream, Stick/Bar, Vanilla, Fruit Ice Confection Coating	Vanilla ice cream stick or bar with fruit ice confection coating and fruit & milk based ice confection
	<b>124</b>	Ice Cream, Vanilla	Vanilla ice creams and ice confections (including plain/ nuts/ choc chips), vanilla thickshakes, vanilla frozen yoghurts and cheesecake (from packet mix)
	<b>130</b>	Ice Cream Vanilla, Choc Fudge	Vanilla & chocolate flavoured ice cream
	<b>126</b>	Ice Cream, Vanilla, Confectionery	Vanilla flavour ice cream with confectionery
	<b>127</b>	Ice Cream, Vanilla, Confectionery/ Fruit	Vanilla flavour ice cream with nuts, fruit & confectionery
	<b>129</b>	Ice Cream, Vanilla, No Additions, Low Fat	Low fat vanilla ice creams (including intensely sweetened)
	<b>125</b>	Ice Cream, Vanilla & Fruit	Vanilla ice cream with fruit
	<b>161</b>	Mousse, Chocolate	Chocolate mousse
	<b>153</b>	Thickshake, Strawberry	Thickshakes, not chocolate
<b>Dairy Products</b>	<b>154</b>	Yoghurt, Frozen, Fruit Flavour	Fruit flavour soft serve frozen yoghurts
	<b>114</b>	Yoghurt, Fruit/Muesli	Yoghurts with fruit and/or nuts and/or muesli and yoghurt beverages
	<b>112</b>	Yoghurt, Plain	Plain yoghurt
	<b>113</b>	Yoghurt, Vanilla	Vanilla yoghurt (including intensely sweetened)
	<b>115</b>	Yoghurt, Not Further Specified	Unspecified type yoghurts and fermented milk drinks
<b>Fats and Oils</b>	<b>102</b>	Margarine/Margarine Spread	Dairy blends, margarines, margarine spreads, commercial fats and unspecified fats
	<b>103</b>	Margarine/Margarine Spread, Reduced Fat	Reduced fat dairy blends and reduced fat margarine spreads

<b>Food Grouping</b>	<b>Food Sub-Group Number</b>	<b>Food Sub-Groups</b>	<b>NNS Foods Represented</b>
<b>Fruits</b>	<b>105</b>	Glace Cherry	Glace cherry
<b>Meats &amp; Meat Dishes</b>	<b>106</b>	Bacon	All types of bacon
	<b>254</b>	Beef, crumbed	Battered/crumbed meat and offal
	<b>108</b>	Frankfurters	Frankfurter or hot dog (including crumbed/battered/canned)
	<b>111</b>	Indian Curry Dish	Seafood/ meat curries in Indian style/Asian/vegetable simmer sauces
	<b>109</b>	Luncheon Meat	Chicken liver pate, liverwurst, Pate de foie and luncheon meats
	<b>110</b>	Salami	All types of salami
	<b>107</b>	Sausage, Continental	Continental sausages
<b>Pastry Dishes – Savoury</b>	<b>88</b>	Pie, Cheese and Spinach	Vegetable and/or cheese and/or egg pies, pasties and pastries
	<b>86</b>	Pie, Chicken & Vegetable	Seafood & cheese/ chicken & vegetable/ chicken, cheese & vegetable pies and pastry rolls
	<b>89</b>	Pie, Meat	Meat/ meat & vegetable/ meat, cheese & vegetable pies, pasties and pastries
	<b>90</b>	Pie, Meat, Reduced Fat	Meat pie reduced fat
	<b>84</b>	Pie, Shepherds	Potato topped meat/ vegetable/ shepherds pies
	<b>87</b>	Pie, Steak & Bacon	Egg & bacon/ steak & bacon pies
	<b>92</b>	Sausage Roll	Sausage rolls and meat/ meat & vegetable/ seafood/ poultry pastry rolls
	<b>85</b>	Vol au Vent, Cheese & Vegetable	Vegetable pie topped with cheese and vol au vents with vegetable and cheese/ chicken and seafood filling
<b>Pastry Dishes – Sweet</b>	<b>75</b>	Pie, Apple	Apple pie (including those with cream/custard/berry), apple strudel and fruit crumble

<b>Food Grouping</b>	<b>Food Sub-Group Number</b>	<b>Food Sub-Groups</b>	<b>NNS Foods Represented</b>
	<b>83</b>	Pie, Custard	Custard pie (plain or with fruit), custard filled choux and filo pastries, Danish pastries (including plain and those with cheese/ fruit/ custard/ nuts/ jam), cream/ jam/ custard filled pastry slices and custard filled doughnuts
	<b>82</b>	Pie, Lemon Meringue	Lemon meringue pie
	<b>80</b>	Pie, Sweet	Berry, caramel, coconut, cream-filled, jam, pineapple, pumpkin, apricot, pecan, custard and fruit-filled pies (includes iced), fruit strudels (except apple)
	<b>94</b>	Spring Roll/Dim Sim – Meat/ Vegetable	Vegetable/prawn/beef/chicken spring rolls, dim sims, wontons and chiko rolls
<b>Seafood Dishes</b>	<b>104</b>	Fish, Battered/Crumbed	All types of battered/crumbed seafood, poultry, fruits and vegetables
	<b>244</b>	Fish Fingers	Fish fingers and seafood & vegetable/vegetable fingers
	<b>76</b>	Pate, Seafood	Fish/salmon pate
<b>Snack Foods</b>	<b>184</b>	Crisp, Corn	Corn chips or crisps
	<b>183</b>	Crisp, Potato, Flavoured	Potato crisps
	<b>187</b>	Crisp, Prawn	Prawn chips or crisps
	<b>185</b>	Popcorn, Flavoured	Flavoured popcorn
	<b>186</b>	Popcorn, Sugar Coated, Coloured	Coloured sugar-coated popcorn
	<b>188</b>	Snack, Cheese Flavour, Extruded	Cheese flavour extruded snack
	<b>190</b>	Snack, Chick Pea Based	Pea-based snack
	<b>189</b>	Snack, Non-Cheese Flavour, Extruded	Non-cheese flavoured extruded snack and soy chips or crisps
<b>Vegetable-Based Dishes</b>	<b>182</b>	Chips, Hot Potato	All types hot potato chips, battered potatoes and hash browns



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Food Grouping	Food Sub-Group Number	Food Sub-Groups	NNS Foods Represented
	170	Potato Wedges	Potato wedges

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## Appendix 6- Mean body weights and food consumption amounts for consumers

**Table A6.1: Mean food consumption for consumers**

Food name	Mean food consumption for consumers* (grams per day)					
	2-5 yrs	6-12 yrs	13-18 yrs	19-24 yrs	25 yrs & above	2 yrs & above
Advocaat	NC	NC	37	118	42	56
Bacon	14	25	33	37	31	31
Bar, Chocolate, Cherry/Fruit	27	34	62	75	51	50
Bar, Fruit Based	27	25	40	42	47	33
Bar, Fruit Based, with Cereal-based Coating	38	34	38	38	40	38
Bar, Peppermint Crackle, Choc Coated	NC	NC	NC	35	46	43
Bar, Wafer, Nuts/Caramel, Choc Coated	25	33	47	59	42	42
Bar, Yoghurt Based, Rice Crisp, Choc	NC	NC	NC	NC	34	34
Beef, crumbed	89	82	79	162	113	112
Beverage Flavouring, Non-Chocolate	444	NC	206	258	301	326
Beverage Flavouring, Non-Chocolate, Dry Mix	6	10	23	38	28	19
Biscuit Mix, Dry	12	104	NC	88	78	76
Biscuit, Savoury, Flavoured	23	33	37	65	28	30
Biscuit, Savoury, Rice Crackers	8	10	11	93	12	14
Biscuit, Sweet, Choc Chip/Dipped	25	29	35	29	32	31
Biscuit, Sweet, Choc Coated	18	31	38	46	32	32
Biscuit, Sweet, Fruit	30	21	42	NC	30	30
Biscuit, Sweet, Fruit Filled	14	21	51	NC	31	31
Biscuit, Sweet, Iced	18	25	24	30	18	22
Biscuit, Sweet, Jam Filled	31	16	47	47	34	34
Biscuit, Sweet, Marshmallow	21	23	0	63	27	27
Biscuit, Sweet, Marshmallow & Jam, Choc Coated	30	39	45	54	38	39
Biscuit, Sweet, Plain	22	28	35	34	28	28

Food name	Mean food consumption for consumers* (grams per day)					
	2-5 yrs	6-12 yrs	13-18 yrs	19-24 yrs	25 yrs & above	2 yrs & above
Biscuit, Sweet, Sandwich, Cream & Jam Filled	23	29	51	43	29	30
Biscuit, Sweet, Sandwich, Cream Filled	32	37	49	41	36	37
Biscuit, Sweet, Tartlet	26	39	27	53	30	32
Biscuit, Sweet, Wafer, Chocolate Cream Filled	4	11	46	18	12	14
Biscuit, Sweet, Wafer, Cream Filled, Non-chocolate	14	22	34	29	19	20
Boiled Lolly	18	23	33	21	20	22
Breakfast Bar, Not Further Specified	NC	28	37	59	45	45
Breakfast Cereal, Biscuit, Fruit	39	51	96	70	44	52
Breakfast Cereal, Biscuit, No Fruit	26	36	49	48	32	34
Breakfast Cereal, Bran	16	20	24	61	33	34
Breakfast Cereal, Coloured	27	51	62	63	38	43
Breakfast Cereal, Puffed/Formed/Flakes, Fruit	30	73	88	83	62	65
Breakfast Cereal, Puffed/Formed/Flakes, No Fruit	32	52	75	65	49	51
Bun, Pork	NC	NC	NC	400	63	175
Bun, Sweet, Iced	66	109	148	160	112	116
Cake, Chocolate, Dry Mix	NC	28	89	62	60	60
Cake, Chocolate, Iced/Uniced	53	103	153	131	105	107
Cake, Fruit	62	148	67	98	69	72
Cake, Lamington	30	95	102	114	97	95
Cake, Not Further Specified	NC	NC	NC	NC	24	24
Cake, Plain, Dry Mix	NC	NC	NC	NC	NC	NC
Cake, Plain/Flavoured, Iced	27	64	58	109	81	75
Cake, Plain/Flavoured, Uniced	77	87	89	97	77	80
Cake, Sponge, Choc, Cream Filled	39	76	50	65	68	65
Cake, Sponge, Roll Jam/Cream	60	69	88	161	73	77
Cake, Sultana/Date	78	67	86	136	89	90

Food name	Mean food consumption for consumers* (grams per day)					
	2-5 yrs	6-12 yrs	13-18 yrs	19-24 yrs	25 yrs & above	2 yrs & above
Cake, Tea	NC	NC	NC	NC	10	10
Caramel/Toffee, Choc Coated	25	32	43	30	28	30
Cheese Spread	18	15	42	17	16	18
Cheese, Bocconcini/Mozzarella	1	18	29	26	36	32
Cheese, Cheddar	22	31	35	40	31	32
Cheese, Colby	44	34	49	31	35	35
Cheese, Edam/Gouda	27	16	34	27	28	28
Cheese, Processed	28	31	35	34	31	31
Cheese, Processed Light	33	27	31	35	30	31
Cheesecake, Fruit Topped	69	107	164	104	81	84
Chewing Gum	7	8	6	11	7	8
Chips, Hot Potato	91	139	162	149	131	134
Chocolate, Candy Coated	12	32	36	49	51	37
Chocolate, Filled	24	34	31	42	35	35
Coconut Ice	14	30	25	25	21	21
Confectionery, Carbohydrate Modified, Not Chocolate	43	7	NC	30	13	16
Confectionery, Sugar Type Soft/Jelly	18	29	56	38	38	34
Cordial Concentrate, Blackcurrant	46	70	43	45	90	73
Cordial Concentrate, Citrus	56	72	90	93	80	77
Cordial Concentrate, Non-Citrus	68	65	152	112	90	93
Cordial, Blackcurrant	438	448	814	469	459	485
Cordial, Citrus	445	389	515	607	504	470
Cordial, Non-Citrus	477	442	626	691	551	532
Cordial, Not Further Specified	277	460	439	916	439	472
Corn Relish	NC	NC	35	21	15	17

Food name	Mean food consumption for consumers* (grams per day)					
	2-5 yrs	6-12 yrs	13-18 yrs	19-24 yrs	25 yrs & above	2 yrs & above
Crème Caramel	NC	NC	NC	NC	155	155
Crisp, Corn	25	34	48	50	43	42
Crisp, Potato, Flavoured	33	29	45	50	45	40
Crisp, Prawn	69	29	8	29	30	31
Curry Paste	NC	NC	NC	4	36	34
Custard Powder, Dry	NC	5	NC	14	6	6
Custard, Vanilla	166	237	179	230	172	177
Custard/Dairy Dessert, Chocolate	131	139	145	119	116	128
Dairy Dessert, Chocolate, Dry Mix	NC	NC	NC	NC	NC	NC
Dairy Dessert, Other Flavours	145	182	206	251	138	161
Dairy Dessert, Vanilla, Dry Mix	NC	NC	NC	NC	NC	NC
Dips	29	45	60	54	34	38
Doughnuts, Pink Topping	74	79	102	103	99	93
Dressing, Thousand Island	20	12	32	22	21	21
Drink Base, Fruit	88	NC	264	211	468	381
Drink Base, Fruit, Dry	52	11	58	NC	25	28
Fish Fingers	63	92	245	86	71	77
Fish, Battered/Crumbed	70	99	136	141	128	124
Flavoured Milk, Chocolate	222	291	355	438	408	367
Flavoured Milk, Coffee	NC	341	461	718	560	574
Flavoured Milk, Other Flavours	280	276	429	443	397	362
Frankfurters	43	54	72	74	73	68
Fromage Frais, Fruit Flavour	93	94	116	169	146	125
Fruit Chutney	9	13	16	14	16	16
Fruit Drink, Apple	311	246	257	256	336	285
Fruit Drink, Apple Blackcurrant	315	248	270	321	370	307

Food name	Mean food consumption for consumers* (grams per day)					
	2-5 yrs	6-12 yrs	13-18 yrs	19-24 yrs	25 yrs & above	2 yrs & above
Fruit Drink, Grape	NA	NA	NA	NA	NA	NA
Fruit Drink, Lemon	198	523	374	529	332	370
Fruit Drink, Orange	332	357	513	430	378	395
Fruit Drink, Orange Mango	287	377	373	302	361	356
Fruit Drink, Pineapple	280	329	360	367	325	326
Fruit Drinks, Other Flavours	266	360	271	359	374	322
Fruit Leather, Sugar Added	16	20	19	20	30	20
Gherkins	29	33	19	15	26	25
Glace Cherry	4	2	16	4	4	4
Ice Confection, Water/Juice based, Not Further Specified	89	105	141	110	128	111
Ice Cream Cones	4	6	5	6	5	5
Ice Cream Vanilla, Choc Fudge	70	109	97	43	74	77
Ice Cream, Caramel/Coffee	NC	133	171	114	144	143
Ice Cream, Chocolate, Choc Chip	52	44	291	89	73	113
Ice Cream, Chocolate, Confectionery/Nut	33	64	NC	NC	92	74
Ice Cream, Chocolate, Low Fat	120	120	NC	65	108	107
Ice Cream, Chocolate, No Additions	64	191	261	226	168	187
Ice Cream, Chocolate, Not Further Specified	64	NC	26	96	149	97
Ice Cream, Filled Cone, All Flavours, Choc/Nut Topped	NC	75	80	80	79	79
Ice Cream, Not Further Specified	73	89	140	35	86	87
Ice Cream, Other Flavours	82	126	201	146	120	126
Ice Cream, Other Flavours, Nuts/Confectionery/Additions	155	90	141	142	113	117
Ice Cream, Stick/Bar, Choc	82	96	97	120	84	92
Ice Cream, Stick/Bar, Choc, Choc Coated	NC	87	74	80	95	89

Food name	Mean food consumption for consumers* (grams per day)					
	2-5 yrs	6-12 yrs	13-18 yrs	19-24 yrs	25 yrs & above	2 yrs & above
Ice Cream, Stick/Bar, Flavoured, Choc Coated	65	70	73	65	65	68
Ice Cream, Stick/Bar, Not Further Specified	78	78	NC	NC	78	78
Ice Cream, Stick/Bar, Other Flavours	83	96	89	79	92	90
Ice Cream, Stick/Bar, Other Flavours, Biscuit & Choc Coated	73	54	73	73	60	62
Ice Cream, Stick/Bar, Regular Fat, Choc Coated	NA	NA	NA	NA	NA	NA
Ice Cream, Stick/Bar, Vanilla, Choc Coated	67	67	91	89	73	75
Ice Cream, Stick/Bar, Vanilla, Choc/Nut Coated	NC	120	109	49	100	98
Ice Cream, Stick/Bar, Vanilla, Fruit Ice Confection Coating	32	38	45	49	45	44
Ice Cream, Vanilla	68	133	169	139	95	108
Ice Cream, Vanilla & Fruit	144	174	317	207	101	142
Ice Cream, Vanilla, Confectionery	NC	166	27	85	120	119
Ice Cream, Vanilla, Confectionery/Fruit	NC	NC	NC	NC	118	118
Ice Cream, Vanilla, No Additions, Low Fat	20	105	105	NC	84	84
Indian Curry Dish	5	130	107	264	251	233
Jam, All Flavours	10	15	19	17	16	16
Jam, Intensely Sweetened	10	18	3	8	12	12
Jelly Crystals	16	NC	NC	NC	6	11
Jelly Crystals, Reconstituted	158	210	250	200	163	176
Juice, Apple & Blackcurrant	297	317	324	353	304	310
Juice, Carrot	NC	NC	62	112	197	187
Juice, Grape	198	208	133	204	348	290
Juice, Not Further Specified	176	289	368	NC	262	246
Juice, Orange	221	240	319	312	215	234
Juice, Orange Mango	281	369	346	403	277	306
Juice, Other Vegetable	NC	NC	234	148	204	203

Food name	Mean food consumption for consumers* (grams per day)					
	2-5 yrs	6-12 yrs	13-18 yrs	19-24 yrs	25 yrs & above	2 yrs & above
Juice, Pear	132	105	NC	NC	316	259
Juice, Pineapple or Prune	242	263	229	230	184	208
Juice, Tropical	269	292	248	365	282	286
Lasagne, Meat	129	240	238	288	300	276
Lasagne, Vegetable	109	307	163	321	188	205
Liqueur, Coffee Flavour	NC	NC	148	45	82	78
Liqueur, Other Flavours, Less Than 30% Alcohol	NC	NC	175	70	74	82
Liquorice, Allsorts	24	7	42	NC	47	43
Liquorice, Plain	35	30	16	73	42	39
Luncheon Meat	39	45	59	64	54	52
Margarine/Margarine Spread	9	13	15	16	15	15
Margarine/Margarine Spread, Reduced Fat	8	12	12	10	13	13
Marshmallow	10	38	28	7	33	29
Mineral Water, Fruit	140	336	405	407	434	410
Mixed Alcoholic Drinks, Creamy	NC	NC	NC	NC	213	213
Mixed Alcoholic Drinks, Non-Cola, with Vodka	NC	NC	712	699	338	458
Mousse, Chocolate	86	118	113	135	109	113
Muesli Bar, Fruit	34	34	38	38	37	36
Muesli Bar/Bar, with Yoghurt	28	33	35	72	35	35
Muffins, Sweet, Chocolate	NC	100	274	236	148	152
Mustard Pickle	11	11	9	26	13	14
Noodles, Asian Style, Egg, Cooked	NC	120	236	80	226	204
Noodles, Asian Style, Egg, Uncooked	NC	47	NC	NC	NC	47
Noodles, with Asian-style Sauce	149	NC	145	244	202	202
Noodles, Asian Style, Wheat, Cooked	NC	138	157	258	162	178
Noodles, Asian Style, Wheat, Uncooked	NC	NC	NC	NC	13	13



Food name	Mean food consumption for consumers* (grams per day)					
	2-5 yrs	6-12 yrs	13-18 yrs	19-24 yrs	25 yrs & above	2 yrs & above
Noodles, Asian Style, Fried	50	314	108	95	47	93
Noodles, Asian Style, Unspecified Type, Cooked	NC	NC	NC	NC	46	46
Noodles, Asian Style, Unspecified Type, Uncooked	67	112	129	103	106	106
Noodles, Instant, Cooked	135	189	221	206	173	180
Noodles, Instant, Uncooked	57	63	107	77	78	75
Pasta & Sauce Dry Mix, Cream Based	NC	NC	NC	NC	NC	NC
Pasta & Sauce, Cream Based	202	317	374	407	315	327
Pasta & Sauce, Tomato Based	172	253	317	308	284	267
Pasta, Cheese Filled, Cooked	NC	NC	NC	NC	163	163
Pasta, Egg, Cooked	98	186	465	194	249	230
Pasta, Egg, Uncooked	46	255	398	281	254	255
Pasta, Filled, Not Further Specified	NC	NC	350	NC	220	236
Pasta, Meat Filled, Cooked	NC	203	212	238	268	253
Pate, Seafood	NC	NC	NC	NC	31	31
Peanuts, Choc Coated, Candy Shell	43	74	NC	70	42	55
Pie, Apple	60	141	163	152	161	157
Pie, Cheese and Spinach	26	113	226	151	163	163
Pie, Chicken & Vegetable	244	176	198	278	202	214
Pie, Custard	169	123	151	190	143	146
Pie, Lemon Meringue	NC	NC	153	268	137	145
Pie, Meat	112	171	194	200	200	192
Pie, Meat, Reduced Fat	NC	NC	NC	175	NC	175
Pie, Shepherds	260	221	310	349	349	329
Pie, Steak & Bacon	NC	0	313	313	156	165
Pie, Sweet	65	85	166	98	118	117
Pizza, Meat	83	148	183	260	199	190

Food name	Mean food consumption for consumers* (grams per day)					
	2-5 yrs	6-12 yrs	13-18 yrs	19-24 yrs	25 yrs & above	2 yrs & above
Pizza, No Meat	100	124	97	147	145	134
Popcorn, Flavoured	19	37	30	52	46	39
Popcorn, Sugar Coated, Coloured	8	51	38	56	19	29
Potato Wedges	150	146	237	231	219	211
Salami	16	30	22	47	40	38
Sauce, Béarnaise	NC	NC	NC	NC	40	40
Sauce, Cheese	16	21	67	94	66	65
Sauce, Cheese, Dry Mix	NC	NC	NC	NC	NC	NC
Sauce, Plum	41	37	37	29	32	33
Sauce, Seafood Cocktail	22	23	22	33	21	23
Sauce, Simmer, Indian Curry	59	NC	272	43	91	99
Sauce, White	126	80	136	119	99	104
Sauce, White, Dry Mix	NC	NC	NC	NC	18	18
Sausage Roll	98	120	152	124	118	122
Sausage, Continental	50	109	97	126	100	97
Sherbet	14	23	18	28	NC	20
Slice, Choc, Dry Mix	NC	NC	NC	NC	NC	NC
Slice, Not Further Specified	50	58	69	156	83	72
Snack, Cheese Flavour, Extruded	30	32	34	37	33	33
Snack, Chick Pea Based	NC	NC	NC	NC	21	21
Snack, Non-Cheese Flavour, Extruded	38	29	39	40	32	34
Soft Drink, Cola	212	347	465	473	369	379
Soft Drink, Energy Drink	NC	NC	NC	135	419	387
Soft Drink, Lemonade	247	352	486	465	379	377
Soft drink, Not Further Specified	218	NC	NC	333	384	336
Soft Drink, Other Fruit Flavour	247	355	471	548	412	416

Food name	Mean food consumption for consumers* (grams per day)					
	2-5 yrs	6-12 yrs	13-18 yrs	19-24 yrs	25 yrs & above	2 yrs & above
Soy Beverage, Chocolate	NC	NC	NC	NC	816	816
Soy Beverage, Other Flavours	340	510	NC	NC	191	276
Sports Drink, All Flavours	NC	268	573	513	531	500
Spring Roll/Dim Sim – Meat/Vegetable	70	90	207	141	120	127
Thickshake, Strawberry	NC	364	327	340	372	355
Topping, Caramel	NC	NC	NC	NC	57	57
Topping, Chocolate	20	36	60	54	41	41
Topping, Other Flavours	23	54	42	136	37	44
Turkish Delight, Choc Coated	NC	37	38	46	42	41
Vodka	NC	NC	30	100	64	69
Vol au Vent, Cheese & Vegetable	NC	15	140	167	176	160
Yoghurt, Frozen, Fruit Flavour	84	129	152	61	140	129
Yoghurt, Fruit/Muesli	155	201	238	193	179	183
Yoghurt, Not Further Specified	60	65	121	85	89	87
Yoghurt, Plain	70	87	156	70	105	102
Yoghurt, Vanilla	121	143	268	202	143	148

**Notes:**

1. NC means foods translated to this group were not consumed
  2. NA means not allocated to any NNS foods
- \* Cannot sum consumption amount for each age group as the consumer group is not the same for each food and beverage

**Table A6.2: Mean body weights in kilograms for each age-gender category assessed in the survey, derived from the 1995 NNS**

Age group	Mean Body Weight (kg)	
	Males	Females
2-5 years	18	17
6-12 years	33	35
13-18 years	65	59
19-24 years	79	64
25 years and above	83	68
2 years and above	72	62

**Note:** For all age groups, individual body weight was used in the calculations.

## Appendix 7 – Complete information on dietary exposure assessment results

**Table A7.1: Estimated dietary exposures to Allura Red for Australians aged 2 years and above**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Allura Red mg/day (mg/kg bw/day)					
			<i>Mean Colours Scenario</i>			<i>Maximum Colours Scenario</i>		
			Mean	90 <sup>th</sup> percentile		Mean	90 <sup>th</sup> percentile	
			All respondents	Consumers	Consumers	All respondents	Consumers	Consumers
2-5 years	428	54	0.16 (0.01)	0.30 (0.02)	0.78 (0.04)	1.19 (0.07)	2.21 (0.12)	5.68 (0.31)
6-12 years	708	55	0.26 (0.01)	0.47 (0.02)	1.07 (0.03)	1.77 (0.06)	3.21 (0.10)	8.63 (0.25)
13-18 years	426	46	0.31 (0.01)	0.67 (0.01)	1.79 (0.03)	1.79 (0.03)	3.90 (0.07)	11.19 (0.20)
19-24 years	363	34	0.21 (0.00)	0.60 (0.01)	1.45 (0.02)	1.14 (0.02)	3.32 (0.05)	8.34 (0.12)
25 years and above	2,510	26	0.12 (0.002)	0.48 (0.01)	1.03 (0.01)	0.66 (0.01)	2.58 (0.03)	5.78 (0.08)
2 years and above	4,435	32	0.16 (0.00)	0.49 (0.01)	1.07 (0.02)	0.91 (0.02)	2.84 (0.06)	7.20 (0.15)

<sup>#</sup> Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Allura Red.

<sup>♦</sup> Consumers only – This only includes the people who have consumed a food that contains Allura Red.

**Table A7.2: Estimated dietary exposures to Amaranth for Australians aged 2 years and above**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Amaranth mg/day (mg/kg bw/day)					
			<i>Mean Colours Scenario</i>			<i>Maximum Colours Scenario</i>		
			Mean		90 <sup>th</sup> percentile	Mean		90 <sup>th</sup> percentile
			All respondents	Consumers	Consumers	All respondents	Consumers	Consumers
2-5 years	467	59	0.82 (0.05)	0.28 (0.02)	0.69 (0.04)	13.03 (0.74)	2.68 (0.15)	7.88 (0.42)
6-12 years	796	62	1.25 (0.04)	0.34 (0.01)	0.78 (0.03)	21.09 (0.72)	3.58 (0.11)	11.25 (0.33)
13-18 years	482	52	2.37 (0.04)	0.48 (0.01)	1.09 (0.02)	37.18 (0.66)	5.26 (0.09)	15.08 (0.23)
19-24 years	396	37	3.12 (0.05)	0.49 (0.01)	1.16 (0.02)	55.21 (0.88)	6.37 (0.09)	17.78 (0.26)
25 years and above	2,455	25	2.20 (0.03)	0.31 (0.00)	0.78 (0.01)	42.71 (0.66)	3.61 (0.05)	11.39 (0.15)
2 years and above	4,596	33	1.44 (0.04)	0.34 (0.01)	0.82 (0.02)	24.28 (0.72)	3.92 (0.08)	11.79 (0.22)

<sup>#</sup> Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Amaranth.

<sup>♦</sup> Consumers only – This only includes the people who have consumed a food that contains Amaranth.

**Table A7.3: Estimated dietary exposures to Annatto for Australians aged 2 years and above**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Annatto mg/day (mg/kg bw/day)					
			<i>Mean Colours Scenario</i>			<i>Maximum Colours Scenario</i>		
			Mean		90 <sup>th</sup> percentile	Mean		90 <sup>th</sup> percentile
			All respondents	Consumers	Consumers	All respondents	Consumers	Consumers
2-5 years	750	95	0.13 (0.01)	0.14 (0.01)	0.31 (0.02)	0.33 (0.02)	0.34 (0.02)	0.95 (0.05)
6-12 years	1,242	97	0.20 (0.01)	0.20 (0.01)	0.45 (0.01)	0.43 (0.01)	0.44 (0.01)	1.06 (0.03)
13-18 years	880	95	0.21 (0.00)	0.23 (0.00)	0.50 (0.01)	0.45 (0.01)	0.48 (0.01)	1.05 (0.02)
19-24 years	949	90	0.15 (0.00)	0.17 (0.00)	0.37 (0.01)	0.31 (0.01)	0.35 (0.01)	0.75 (0.01)
25 years and above	8,600	88	0.12 (0.00)	0.13 (0.00)	0.28 (0.00)	0.25 (0.00)	0.29 (0.00)	0.58 (0.01)
2 years and above	12,421	90	0.13 (0.00)	0.15 (0.00)	0.32 (0.01)	0.29 (0.01)	0.33 (0.01)	0.68 (0.01)

<sup>#</sup> Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Annatto.

<sup>♦</sup> Consumers only – This only includes the people who have consumed a food that contains Annatto.

**Table A7.4: Estimated dietary exposures to Azorubine for Australians aged 2 years and above**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Azorubine mg/day (mg/kg bw/day)					
			<i>Mean Colours Scenario</i>			<i>Maximum Colours Scenario</i>		
			Mean		90 <sup>th</sup> percentile	Mean		90 <sup>th</sup> percentile
			All respondents	Consumers	Consumers	All respondents	Consumers	Consumers
2-5 years	595	75	0.67 (0.04)	0.89 (0.05)	2.31 (0.14)	4.51 (0.25)	6.01 (0.34)	15.62 (0.95)
6-12 years	992	77	0.92 (0.03)	1.19 (0.04)	3.02 (0.10)	5.12 (0.16)	6.64 (0.21)	16.18 (0.52)
13-18 years	633	68	1.01 (0.02)	1.48 (0.03)	3.83 (0.06)	5.67 (0.09)	8.32 (0.14)	21.60 (0.37)
19-24 years	566	53	0.68 (0.01)	1.28 (0.02)	3.41 (0.05)	3.68 (0.05)	6.88 (0.10)	16.09 (0.23)
25 years and above	4,606	47	0.36 (0.01)	0.77 (0.01)	2.08 (0.03)	1.62 (0.02)	3.44 (0.05)	9.00 (0.13)
2 years and above	7,392	53	0.50 (0.01)	0.94 (0.020)	2.55 (0.05)	2.53 (0.06)	4.75 (0.10)	12.90 (0.27)

<sup>#</sup> Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Azorubine.

<sup>♦</sup> Consumers only – This only includes the people who have consumed a food that contains Azorubine.



**Table A7.5: Estimated dietary exposures to Brilliant Black for Australians aged 2 years and above**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Brilliant Black mg/day (mg/kg bw/day)					
			<i>Mean Colours Scenario</i>			<i>Maximum Colours Scenario</i>		
			Mean		90 <sup>th</sup> percentile	Mean		90 <sup>th</sup> percentile
			All respondents	Consumers	Consumers	All respondents	Consumers	Consumers
2-5 years	100	13	0.00 (0.00)	0.02 (0.00)	0.06 (0.00)	0.01 (0.00)	0.08 (0.01)	0.22 (0.01)
6-12 years	174	14	0.00 (0.00)	0.03 (0.00)	0.05 (0.00)	0.02 (0.00)	0.13 (0.00)	0.23 (0.01)
13-18 years	91	10	0.04 (0.00)	0.04 (0.001)	0.15 (0.00)	0.02 (0.00)	0.16 (0.00)	0.62 (0.01)
19-24 years	54	5	0.00 (0.00)	0.06 (0.00)	0.19 (0.00)	0.01 (0.00)	0.26 (0.00)	0.75 (0.01)
25 years and above	429	4	0.00 (0.00)	0.04 (0.00)	0.09 (0.00)	0.01 (0.00)	0.18 (0.00)	0.45 (0.01)
2 years and above	848	6	0.00 (0.00)	0.04 (0.00)	0.08 (0.00)	0.01 (0.00)	0.17 (0.00)	0.37 (0.01)

# Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Brilliant Black.

♦ Consumers only – This only includes the people who have consumed a food that contains Brilliant Black.

**Table A7.6: Estimated dietary exposures to Brilliant Blue for Australians aged 2 years and above**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Brilliant Blue mg/day (mg/kg bw/day)					
			Mean Colours Scenario			Maximum Colours Scenario		
			Mean	90 <sup>th</sup> percentile		Mean	90 <sup>th</sup> percentile	
			All respondents	Consumers	Consumers	All respondents	Consumers	Consumers
2-5 years	642	81	0.35 (0.02)	0.44 (0.03)	1.06 (0.06)	1.75 (0.10)	2.16 (0.12)	5.39 (0.32)
6-12 years	1,050	82	0.52 (0.02)	0.64 (0.02)	1.47 (0.05)	2.31 (0.07)	2.83 (0.09)	6.86 (0.22)
13-18 years	644	69	0.55 (0.01)	0.79 (0.01)	1.93 (0.03)	2.28 (0.04)	3.30 (0.06)	8.16 (0.15)
19-24 years	635	60	0.38 (0.01)	0.64 (0.01)	1.84 (0.03)	1.58 (0.02)	2.63 (0.04)	7.41 (0.11)
25 years and above	4,790	49	0.22 (0.00)	0.44 (0.01)	1.20 (0.02)	0.92 (0.01)	1.89 (0.03)	4.62 (0.07)
2 years and above	7,761	56	0.29 (0.01)	0.51 (0.01)	1.33 (0.03)	1.24 (0.03)	2.21 (0.05)	5.60 (0.12)

<sup>#</sup> Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Brilliant Blue.

<sup>♦</sup> Consumers only – This only includes the people who have consumed a food that contains Brilliant Blue.

**Table A7.7: Estimated dietary exposures to Brown HT for Australians aged 2 years and above**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Brown HT mg/day (mg/kg bw/day)					
			<i>Mean Colours Scenario</i>			<i>Maximum Colours Scenario</i>		
			Mean		90 <sup>th</sup> percentile	Mean		90 <sup>th</sup> percentile
			All respondents	Consumers	Consumers	All respondents	Consumers	Consumers
2-5 years	244	31	0.12 (0.01)	0.39 (0.02)	1.13 (0.06)	0.36 (0.02)	1.18 (0.07)	3.72 (0.21)
6-12 years	396	31	0.27 (0.01)	0.87 (0.03)	2.15 (0.07)	0.73 (0.02)	2.38 (0.07)	7.03 (0.22)
13-18 years	256	28	0.36 (0.01)	1.30 (0.02)	2.84 (0.05)	0.98 (0.02)	3.58 (0.06)	8.26 (0.15)
19-24 years	217	20	0.22 (0.00)	1.06 (0.02)	2.61 (0.04)	0.55 (0.01)	2.66 (0.04)	7.13 (0.10)
25 years and above	1,858	19	0.16 (0.00)	0.85 (0.01)	2.32 (0.03)	0.40 (0.01)	2.15 (0.03)	6.24 (0.09)
2 years and above	2,971	21	0.19 (0.00)	0.87 (0.02)	2.26 (0.04)	0.48 (0.01)	2.26 (0.04)	6.54 (0.12)

<sup>#</sup> Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Brown HT.

<sup>♦</sup> Consumers only – This only includes the people who have consumed a food that contains Brown HT.

**Table A7.8: Estimated dietary exposures to Cochineal/Carmine for Australians aged 2 years and above**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Cochineal/Carmine mg/day (mg/kg bw/day)					
			<i>Mean Colours Scenario</i>			<i>Maximum Colours Scenario</i>		
			Mean		90 <sup>th</sup> percentile	Mean		90 <sup>th</sup> percentile
			All respondents	Consumers	Consumers	All respondents	Consumers	Consumers
2-5 years	557	70	0.08 (0.01)	0.11 (0.01)	0.24 (0.01)	0.26 (0.02)	0.38 (0.02)	0.97 (0.06)
6-12 years	927	72	0.07 (0.00)	0.10 (0.00)	0.21 (0.01)	0.25 (0.01)	0.35 (0.01)	0.98 (0.03)
13-18 years	605	65	0.13 (0.00)	0.20 (0.00)	0.30 (0.01)	0.36 (0.01)	0.55 (0.01)	1.25 (0.02)
19-24 years	550	52	0.13 (0.00)	0.25 (0.00)	0.38 (0.01)	0.31 (0.00)	0.59 (0.01)	1.49 (0.02)
25 years and above	3,735	38	0.10 (0.00)	0.25 (0.00)	0.31 (0.00)	0.20 (0.00)	0.52 (0.01)	1.21 (0.02)
2 years and above	6,374	46	0.10 (0.00)	0.21 (0.00)	0.30 (0.01)	0.23 (0.00)	0.49 (0.01)	1.20 (0.02)

# Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Cochineal/Carmine.

♦ Consumers only – This only includes the people who have consumed a food that contains Cochineal/Carmine.

**Table A7.9: Estimated dietary exposures to Green S for Australians aged 2 years and above**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Green S mg/day (mg/kg bw/day)					
			<i>Mean Colours Scenario</i>			<i>Maximum Colours Scenario</i>		
			Mean		90 <sup>th</sup> percentile	Mean		90 <sup>th</sup> percentile
			All respondents	Consumers	Consumers	All respondents	Consumers	Consumers
2-5 years	32	4	0.00 (0.00)	0.01 (0.00)	0.01 (0.00)	0.01 (0.00)	0.18 (0.01)	0.19 (0.01)
6-12 years	40	3	0.00 (0.00)	0.10 (0.00)	0.58 (0.02)	0.03 (0.00)	0.82 (0.03)	4.08 (0.14)
13-18 years	20	2	0.01 (0.00)	0.23 (0.00)	0.59 (0.01)	0.04 (0.00)	1.65 (0.03)	4.10 (0.08)
19-24 years	18	2	0.01 (0.00)	0.29 (0.00)	0.59 (0.01)	0.04 (0.00)	2.03 (0.03)	4.10 (0.07)
25 years and above	160	2	0.00 (0.00)	0.09 (0.00)	0.55 (0.01)	0.01 (0.00)	0.67 (0.01)	3.85 (0.05)
2 years and above	270	2	0.00 (0.00)	0.10 (0.00)	0.55 (0.01)	0.02 (0.00)	0.80 (0.01)	3.90 (0.06)

<sup>#</sup> Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Green S.

<sup>♦</sup> Consumers only – This only includes the people who have consumed a food that contains Green S.

**Table A7.10: Estimated dietary exposures to Indigotine for Australians aged 2 years and above**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Indigotine mg/day (mg/kg bw/day)					
			<i>Mean Colours Scenario</i>			<i>Maximum Colours Scenario</i>		
			Mean		90 <sup>th</sup> percentile	Mean		90 <sup>th</sup> percentile
			All respondents	Consumers	Consumers	All respondents	Consumers	Consumers
2-5 years	252	32	0.01 (0.00)	0.03 (0.00)	0.05 (0.00)	0.05 (0.00)	0.16 (0.01)	0.23 (0.01)
6-12 years	497	39	0.04 (0.00)	0.10 (0.00)	0.10 (0.00)	0.14 (0.00)	0.37 (0.01)	0.52 (0.02)
13-18 years	278	30	0.05 (0.00)	0.18 (0.00)	0.25 (0.00)	0.21 (0.00)	0.69 (0.01)	2.07 (0.03)
19-24 years	214	20	0.04 (0.00)	0.18 (0.00)	0.64 (0.00)	0.13 (0.00)	0.63 (0.01)	2.46 (0.03)
25 years and above	1,248	13	0.01 (0.00)	0.11 (0.00)	0.15 (0.00)	0.05 (0.00)	0.43 (0.01)	0.83 (0.01)
2 years and above	2,489	18	0.02 (0.00)	0.11 (0.00)	0.14 (0.00)	0.08 (0.00)	0.44 (0.01)	0.80 (0.02)

# Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Indigotine.

♦ Consumers only – This only includes the people who have consumed a food that contains Indigotine.

**Table A7.11: Estimated dietary exposures to Ponceau 4R for Australians aged 2 years and above**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Ponceau 4R mg/day (mg/kg bw/day)					
			Mean Colours Scenario			Maximum Colours Scenario		
			Mean		90 <sup>th</sup> percentile	Mean		90 <sup>th</sup> percentile
			All respondents	Consumers	Consumers	All respondents	Consumers	Consumers
2-5 years	528	67	0.08 (0.01)	0.12 (0.01)	0.38 (0.02)	0.54 (0.03)	0.81 (0.05)	1.94 (0.11)
6-12 years	892	69	0.14 (0.00)	0.21 (0.01)	0.56 (0.02)	0.78 (0.02)	1.13 (0.04)	2.64 (0.08)
13-18 years	606	65	0.14 (0.00)	0.22 (0.00)	0.62 (0.01)	0.76 (0.01)	1.17 (0.02)	2.90 (0.05)
19-24 years	627	59	0.10 (0.00)	0.17 (0.00)	0.49 (0.01)	0.58 (0.01)	0.98 (0.01)	2.36 (0.03)
25 years and above	5,108	52	0.07 (0.00)	0.13 (0.00)	0.38 (0.01)	0.35 (0.01)	0.68 (0.01)	1.70 (0.02)
2 years and above	7,761	56	0.08 (0.00)	0.15 (0.00)	0.45 (0.01)	0.45 (0.01)	0.80 (0.02)	1.97 (0.04)

<sup>#</sup> Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Ponceau 4R.

<sup>♦</sup> Consumers only – This only includes the people who have consumed a food that contains Ponceau 4R.

**Table A7.12: Estimated dietary exposures to Quinoline Yellow for Australians aged 2 years and above**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Quinoline Yellow mg/day (mg/kg bw/day)					
			Mean Colours Scenario			Maximum Colours Scenario		
			Mean		90 <sup>th</sup> percentile	Mean		90 <sup>th</sup> percentile
			All respondents	Consumers	Consumers	All respondents	Consumers	Consumers
2-5 years	141	18	0.01 (0.00)	0.05 (0.00)	0.15 (0.01)	0.03 (0.00)	0.16 (0.01)	0.41 (0.02)
6-12 years	245	19	0.01 (0.00)	0.06 (0.00)	0.14 (0.01)	0.04 (0.00)	0.23 (0.01)	0.54 (0.02)
13-18 years	100	11	0.01 (0.00)	0.08 (0.00)	0.15 (0.00)	0.04 (0.00)	0.32 (0.01)	0.80 (0.01)
19-24 years	84	8	0.01 (0.00)	0.15 (0.00)	0.38 (0.01)	0.03 (0.00)	0.39 (0.01)	1.10 (0.02)
25 years and above	686	7	0.01 (0.00)	0.17 (0.00)	0.48 (0.01)	0.03 (0.00)	0.41 (0.01)	1.01 (0.01)
2 years and above	1,256	9	0.01 (0.00)	0.13 (0.00)	0.36 (0.01)	0.03 (0.00)	0.34 (0.01)	0.82 (0.02)

# Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Quinoline Yellow.

♦ Consumers only – This only includes the people who have consumed a food that contains Quinoline Yellow.



**Table A7.13: Estimated dietary exposures to Sunset Yellow for Australians aged 2 years and above**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Sunset Yellow mg/day (mg/kg bw/day)					
			<i>Mean Colours Scenario</i>			<i>Maximum Colours Scenario</i>		
			Mean		90 <sup>th</sup> percentile	Mean		90 <sup>th</sup> percentile
			All respondents	Consumers	Consumers	All respondents	Consumers	Consumers
2-5 years	668	84	0.68 (0.04)	0.81 (0.05)	1.97 (0.12)	2.78 (0.16)	3.30 (0.19)	8.32 (0.47)
6-12 years	1,098	85	1.11 (0.03)	1.30 (0.04)	3.79 (0.12)	4.42 (0.14)	5.17 (0.16)	15.00 (0.45)
13-18 years	725	78	1.42 (0.02)	1.82 (0.03)	5.19 (0.09)	5.61 (0.09)	7.19 (0.12)	21.49 (0.35)
19-24 years	702	66	1.21 (0.02)	1.82 (0.03)	5.42 (0.08)	5.01 (0.07)	7.57 (0.11)	23.43 (0.35)
25 years and above	5,240	54	0.50 (0.01)	0.93 (0.01)	2.95 (0.04)	1.95 (0.03)	3.65 (0.05)	11.69 (0.15)
2 years and above	8,433	61	0.68 (0.01)	1.12 (0.02)	3.46 (0.06)	2.71 (0.05)	4.45 (0.09)	14.15 (0.25)

<sup>#</sup> Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Sunset Yellow.

<sup>♦</sup> Consumers only – This only includes the people who have consumed a food that contains Sunset Yellow.

**Table A7.14: Estimated dietary exposures to Tartrazine for Australians aged 2 years and above**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Tartrazine mg/day (mg/kg bw/day)					
			<i>Mean Colours Scenario</i>			<i>Maximum Colours Scenario</i>		
			Mean		90 <sup>th</sup> percentile	Mean		90 <sup>th</sup> percentile
			All respondents	Consumers	Consumers	All respondents	Consumers	Consumers
2-5 years	656	83	0.70 (0.04)	0.85 (0.05)	1.95 (0.11)	3.95 (0.23)	4.77 (0.27)	12.61 (0.72)
6-12 years	1,104	86	1.12 (0.04)	1.31 (0.04)	3.00 (0.10)	6.11 (0.19)	7.12 (0.22)	18.97 (0.59)
13-18 years	718	77	1.38 (0.02)	1.78 (0.03)	4.06 (0.07)	7.11 (0.12)	9.21 (0.15)	26.71 (0.43)
19-24 years	711	67	0.98 (0.01)	1.46 (0.02)	3.68 (0.05)	5.51 (0.08)	8.22 (0.12)	23.06 (0.34)
25 years and above	5,316	54	0.55 (0.01)	1.02 (0.01)	2.41 (0.03)	2.60 (0.04)	4.79 (0.06)	14.21 (0.19)
2 years and above	8,505	61	0.70 (0.01)	1.14 (0.02)	2.72 (0.05)	3.53 (0.07)	5.75 (0.11)	16.99 (0.31)

# Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Tartrazine.

♦ Consumers only – This only includes the people who have consumed a food that contains Tartrazine.

## Appendix 8- Percent contribution of foods to colours exposures for each population sub-group

**Table A8.1: Percent contribution of foods to total Allura Red mean dietary exposure**

Food category	% Contribution					
	2-5 years	6-12 years	13-18 years	19-24 years	25 years & above	2 years & above
Cakes, muffins, pastries	<5	<5	<5	<5	<5	<5
Chocolate confectionery	<5	5	6	7	6	6
Coloured breakfast cereal	6	6	5	5	<5	<5
Flavoured milk and flavoured soy beverages	14	11	22	16	13	14
Ice cream/ice confection	11	9	7	<5	<5	5
Jam/conserves	<1	<1	<1	<1	<1	<1
Jelly	6	<5	<5	<5	<5	<5
Savoury pastry products	0	0	0	<1	<1	<1
Savoury sauces	<5	0	<5	<1	<1	<5
Savoury snack foods	<5	<5	<5	<5	<5	<5
Soft drink	0	8	13	31	23	19
Sugar confectionery	38	44	30	18	22	27
Sweet biscuits	16	10	10	14	20	16
Yoghurt	<1	<1	<1	<1	<1	<1

**Table A8.2: Percent contribution of foods to total Amaranth mean dietary exposure**

Food category	% Contribution					
	2-5 years	6-12 years	13-18 years	19-24 years	25 years & above	2 years & above
Alcoholic drinks	0	0	<1	<1	<1	<1
Cakes, muffins, pastries	<1	<5	<5	<1	<5	<5
Chocolate confectionery	<1	<1	<5	<5	<5	<5
Cordial	57	36	38	29	29	34
Ice cream/ice confection	8	20	18	13	17	16
Jelly	11	7	<5	<5	8	6
Soft drink	18	26	33	45	36	34
Sugar confectionery	<1	<5	<1	<1	<1	<1
Sweet biscuits	<1	<1	<1	<1	<1	<1
Topping	<5	8	<5	8	6	6
Yoghurt	<1	<1	<1	<1	<1	<1

**Table A8.3: Percent contribution of foods to total Annatto mean dietary exposure**

Food category	% Contribution					
	2-5 years	6-12 years	13-18 years	19-24 years	25 years & above	2 years & above
Beverage flavouring	<1	<1	<1	<1	<1	<1
Cakes, muffins, pastries	<1	<1	<5	<5	<5	<5
Cheese	0	<1	<1	<1	<1	<1
Coloured breakfast cereal	<5	<5	7	9	10	8
Crumbed frozen meat	<1	<1	<1	<1	<1	<1
Dairy dessert (excluding ice cream and yoghurt)	9	<5	<5	<5	<5	<5
Dip	<1	<1	<1	<1	<1	<1
Fruit drink/juice	7	5	7	6	<5	<5
Ice cream/ice confection	42	50	42	30	27	33
Margarine/table spread	19	17	16	23	32	27
Pasta/noodles	<1	<1	<1	<1	<1	<1
Pre-prepared meals	<5	<5	7	8	6	6
Processed meat	5	<5	5	5	5	5
Savoury biscuits	<5	<5	<5	<5	<1	<5
Savoury pastry products	0	<5	<5	6	<5	<5
Savoury sauces	<1	<1	<1	<1	<1	<1
Savoury snack foods	<5	<5	<5	5	<5	<5
Snack bars	<1	<1	<1	<1	<1	<1
Sugar confectionery	<1	<1	<1	<1	<1	<1
Sweet biscuits	<1	<1	<1	<1	<1	<1
Yoghurt	5	<5	<5	<5	<5	<5

**Table A8.4: Percent contribution of foods to total Azorubine mean dietary exposure**

Food category	% Contribution					
	2-5 years	6-12 years	13-18 years	19-24 years	25 years & above	2 years & above
Alcoholic drinks	0	0	<5	6	<5	<5
Cakes, muffins, pastries	<5	<5	<5	<5	6	5
Chocolate confectionery	<1	<1	<1	<1	<1	<1
Coloured breakfast cereal	10	11	9	10	7	9
Cordial	64	41	46	39	28	36
Flavoured milk and flavoured soy beverages	0	<1	<1	<1	<1	<1
Fruit drink/juice	<5	<1	<1	<1	<1	<1
Ice cream/ice confection	10	13	13	11	13	13
Jelly	<5	<5	<1	<1	<5	<5
Jam/conserved	<1	<1	<1	<1	<1	<1
Pasta/noodles	<1	<1	<1	<1	<1	<1
Savoury biscuits	<1	<1	<1	<1	<1	<1
Savoury sauces	0	0	0	<1	<1	<1
Savoury snack foods	<1	<1	<1	<1	<1	<1
Snack bars	<1	<1	<1	<1	<1	<1
Soft drink	<5	17	18	24	36	27
Sugar confectionery	6	9	5	<5	<5	5
Sweet biscuits	<1	<1	<1	<1	<1	<1
Topping	<1	<5	<1	<5	<1	<5

**Table A8.5: Percent contribution of foods to total Brilliant Black mean dietary exposure**

Food category	% Contribution					
	2-5 years	6-12 years	13-18 years	19-24 years	25 years & above	2 years & above
Cakes, muffins, pastries	16	14	9	23	43	31
Chocolate confectionery	50	61	75	68	43	52
Jelly	26	13	9	6	13	13
Sugar confectionery	8	12	7	<5	<5	<5

**Table A8.6: Percent contribution of foods to total Brilliant Blue mean dietary exposure**

Food category	% Contribution					
	2-5 years	6-12 years	13-18 years	19-24 years	25 years & above	2 years & above
Alcoholic drinks	0	0	<5	<5	<1	<1
Cakes, muffins, pastries	6	8	10	11	18	14
Chocolate confectionery	<1	<1	<1	<5	<1	<1
Coloured breakfast cereal	8	9	8	8	6	7
Cordial	6	5	<5	<5	<5	<5
Flavoured milk and flavoured soy beverages	10	13	13	22	13	14
Fruit drink/juice	<5	<1	<1	<1	<1	<1
Jelly	<5	<1	<1	<1	<1	<1
Ice cream/ice confection	37	35	37	19	19	25
Pickles/relishes	<1	<1	<1	<1	<1	<1
Savoury biscuits	<1	<1	<1	<1	<1	<1
Savoury snack foods	<1	<1	<1	<1	<1	<1
Soft drink	16	15	16	22	24	21
Snack bars	0	<1	<1	<1	<1	<1
Sugar confectionery	6	10	6	<5	5	6
Sweet biscuits	<5	<5	<5	<5	<5	<5
Topping	<1	<1	<1	<1	<1	<1
Yoghurt	5	<5	<5	<5	6	<5



**Table A8.7: Percent contribution of foods to total Brown HT mean dietary exposure**

Food category	% Contribution					
	2-5 years	6-12 years	13-18 years	19-24 years	25 years & above	2 years & above
Alcoholic drinks	0	0	0	0	0	<1
Cakes, muffins, pastries	51	48	52	56	72	64
Flavoured milk and flavoured soy beverages	15	13	9	20	9	10
Ice cream/ice confection	18	23	21	10	11	14
Sugar confectionery	<1	<1	0	<1	<1	<1
Sweet biscuits	<1	<1	<1	<1	<1	<1
Topping	15	16	18	14	7	11
Yoghurt	<5	<1	<1	<1	<1	<1

**Table A8.8: Percent contribution of foods to total Cochineal/Carmine mean dietary exposure**

Food category	% Contribution					
	2-5 years	6-12 years	13-18 years	19-24 years	25 years & above	2 years & above
Beverage flavouring	<1	<1	<1	<1	<1	<1
Cakes, muffins, pastries	<5	<5	<5	<5	<5	<5
Chocolate confectionery	<1	<1	<1	<1	<1	<1
Cordial	13	13	9	5	<5	<5
Dairy dessert (excluding ice cream and yoghurt)	12	9	<5	<5	<5	<5
Dip	<1	<1	<1	<1	<1	<1
Flavoured milk and flavoured soy beverages	11	11	9	<5	<5	5
Ice cream/ice confection	<5	<5	<1	<1	<1	<1
Savoury pastry products	<5	<5	<5	<5	<5	<5
Savoury sauces	35	32	56	70	72	66
Savoury snack foods	<1	<1	<1	<1	<1	<1
Soft drink	<5	<5	<5	<5	<5	<5
Snack bars	<5	<1	<1	<1	<1	<1
Sugar confectionery	<1	<5	<1	<1	<1	<1
Sweet biscuits	<1	<1	<1	<1	<1	<1
Yoghurt	20	17	12	8	13	13

**Table A8.9: Percent contribution of foods to total Green S mean dietary exposure**

Food category	% Contribution					
	2-5 years	6-12 years	13-18 years	19-24 years	25 years & above	2 years & above
Ice cream/ice confection	69	97	99	99	97	98
Jelly	31	<5	<5	<1	<5	<5

**Table A8.10: Percent contribution of foods to total Indigotine mean dietary exposure**

Food category	% Contribution					
	2-5 years	6-12 years	13-18 years	19-24 years	25 years & above	2 years & above
Alcoholic drinks	0	0	<1	<1	<1	<1
Chocolate confectionery	<5	<5	<5	<5	<5	<5
Ice cream/ice confection	62	84	89	89	85	86
Jam/conserves	<5	<5	<1	<1	<5	<5
Savoury snack foods	7	<5	<5	<5	<5	<5
Sugar confectionery	18	9	5	5	5	6
Sweet biscuits	8	<5	<5	<5	5	<5

**Table A8.11: Percent contribution of foods to total Ponceau 4R mean dietary exposure**

Food category	% Contribution					
	2-5 years	6-12 years	13-18 years	19-24 years	25 years & above	2 years & above
Alcoholic drinks	0	0	0	0	<1	<1
Cakes, muffins, pastries	12	18	18	20	30	24
Cheese	<5	<5	<5	6	7	6
Chocolate confectionery	<5	6	6	8	7	7
Dip	<1	<1	<1	<1	<1	<1
Flavoured milk and flavoured soy beverages	13	6	9	6	5	6
Ice cream/ice confection	33	39	39	26	22	28
Jelly	17	8	5	<5	8	8
Pre-prepared meals	<1	<1	<1	<1	<5	<5
Processed meat	<5	<5	<5	<5	<5	<5
Savoury biscuits	<5	<1	<1	<1	<1	<1
Savoury sauces	0	0	0	<1	<1	<1
Soft drink	<5	5	7	10	5	6
Snack bars	<5	<1	<1	<5	<1	<5
Sugar confectionery	<1	<1	<1	<1	<1	<1
Sweet biscuits	<1	<1	<1	<1	<1	<1
Topping	7	9	6	11	5	7
Yoghurt	<5	<5	<5	<5	<5	<5

**Table A8.12: Percent contribution of foods to total Quinoline Yellow mean dietary exposure**

Food category	% Contribution					
	2-5 years	6-12 years	13-18 years	19-24 years	25 years & above	2 years & above
Cakes, muffins, pastries	59	56	48	74	77	72
Sugar confectionery	7	8	10	<5	<5	<5
Sweet biscuits	34	36	42	23	22	25

**Table A8.13: Percent contribution of foods to total Sunset Yellow mean dietary exposure**

Food category	% Contribution					
	2-5 years	6-12 years	13-18 years	19-24 years	25 years & above	2 years & above
Alcoholic drinks	0	0	<5	7	<5	<5
Cakes, muffins, pastries	<5	6	<5	<5	10	7
Chocolate confectionery	<1	<1	<1	<1	<1	<1
Coloured breakfast cereal	<5	<5	<5	<5	<5	<5
Cordial	14	8	6	<5	5	6
Dairy dessert (excluding ice cream and yoghurt)	<1	<1	<1	<1	<1	<1
Dip	<1	<1	<1	<1	<1	<1
Flavoured milk and flavoured soy beverages	<5	<5	<5	<5	<5	<5
Fruit drink/juice	<5	<1	<5	<1	<5	<5
Ice cream/ice confection	9	14	12	8	9	10
Jelly	<5	<5	<1	<1	<1	<1
Pre-prepared meals	<1	<1	<1	<1	<1	<1
Processed meat	<1	<1	<1	<1	<1	<1
Savoury biscuits	<1	<1	<1	<1	<1	<1
Savoury pastry products	<1	<1	<1	<5	<5	<5
Savoury sauces	0	0	0	<1	<1	<1
Savoury snack foods	18	14	10	7	<5	8
Soft drink	35	43	51	61	51	50
Sugar confectionery	<5	<5	<5	<1	<5	<5
Sweet biscuits	<5	<5	<5	<5	<5	<5
Topping	<1	<1	<1	<1	<1	<1

**Table A8.14: Percent contribution of foods to total Tartrazine mean dietary exposure**

Food category	% Contribution					
	2-5 years	6-12 years	13-18 years	19-24 years	25 years & above	2 years & above
Alcoholic drinks	0	0	<5	5	<5	<5
Cakes, muffins, pastries	5	6	<5	6	15	10
Chocolate confectionery	<1	<1	<1	<5	<1	<1
Coloured breakfast cereal	<5	<5	<5	<5	<5	<5
Cordial	25	12	9	7	7	9
Dairy dessert (excluding ice cream and yoghurt)	<5	<5	<1	<1	<1	<1
Flavoured milk and flavoured soy beverages	10	5	5	<5	<5	<5
Fruit drink/juice	0	<5	8	<1	10	7
Ice cream/ice confection	23	37	34	27	24	27
Jelly	<5	<5	<1	<1	<5	<5
Pasta/noodles	<1	<1	<1	<1	<1	<1
Pickles/relishes	<1	<1	<1	<1	<1	<1
Pre-prepared meals	<1	<1	<1	<1	<1	<1
Savoury biscuits	<5	<5	<1	<5	<1	<5
Savoury pastry products	<1	<5	<5	<5	<5	<5
Savoury snack foods	8	6	<5	<5	<5	<5
Snack bars	0	<1	<1	<1	<1	<1
Soft drink	12	19	22	34	27	25
Sugar confectionery	<5	<5	<5	<1	<5	<5
Sweet biscuits	<5	<5	<1	<1	<5	<5
Topping	<5	<5	<5	<5	<5	<5

## Appendix 9– Complete information on risk characterisation

**Table A9.1: Estimated dietary exposures to Allura Red for Australian consumers, as a percentage of the ADI**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Allura Red for consumers (%ADI)			
			<i>Mean Colours Scenario</i>		<i>Maximum Colours Scenario</i>	
			Mean	90 <sup>th</sup> percentile	Mean	90 <sup>th</sup> percentile
2-5 years	428	54	<1	<1	2	4
6-12 years	708	55	<1	<1	1	4
13-18 years	426	46	<1	<1	<1	3
19-24 years	363	34	<1	<1	<1	2
25 years & above	2,510	26	<1	<1	<1	1
2 years & above	4,435	32	<1	<1	<1	2

<sup>#</sup> Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Allura Red.

<sup>♦</sup> Consumers only – This only includes the people who have consumed a food that contains Allura Red.

\* ADI = 7 mg/kg bw/day



**Table A9.2: Estimated dietary exposures to Amaranth for Australian consumers, as a percentage of the ADI**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Amaranth for consumers (%ADI)			
			<i>Mean Colours Scenario</i>		<i>Maximum Colours Scenario</i>	
			Mean	90 <sup>th</sup> percentile	Mean	90 <sup>th</sup> percentile
2-5 years	467	59	3	8	30	85
6-12 years	796	62	2	5	20	65
13-18 years	482	52	2	4	15	45
19-24 years	396	37	1	3	20	50
25 years & above	2,455	25	<1	2	10	30
2 years & above	4,596	33	1	4	15	45

<sup>#</sup> Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Amaranth.

<sup>♦</sup> Consumers only – This only includes the people who have consumed a food that contains Amaranth.

- ADI = 0.5 mg/kg bw/day

**Table A9.3: Estimated dietary exposures to Annatto for Australian consumers, as a percentage of the ADI**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Annatto for consumers (%ADI)			
			<i>Mean Colours Scenario</i>		<i>Maximum Colours Scenario</i>	
			Mean	90 <sup>th</sup> percentile	Mean	90 <sup>th</sup> percentile
2-5 years	750	95	2	4	5	15
6-12 years	1,242	97	2	3	4	9
13-18 years	880	95	<1	2	2	5
19-24 years	949	90	<1	1	1	3
25 years & above	8,600	88	<1	1	1	2
2 years & above	12,421	90	<1	2	2	3

# Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Annatto.

♦ Consumers only – This only includes the people who have consumed a food that contains Annatto.

\* ADI = 0.4 mg/kg bw/day

**Table A9.4: Estimated dietary exposures to Azorubine for Australian consumers, as a percentage of the ADI**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Azorubine for consumers (%ADI)			
			<i>Mean Colours Scenario</i>		<i>Maximum Colours Scenario</i>	
			Mean	90 <sup>th</sup> percentile	Mean	90 <sup>th</sup> percentile
2-5 years	595	75	1	3	8	25
6-12 years	992	77	<1	2	5	15
13-18 years	633	68	<1	2	3	9
19-24 years	566	53	<1	1	2	6
25 years & above	4,606	47	<1	<1	1	3
2 years & above	7,392	53	<1	1	3	7

# Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Azorubine.

♦ Consumers only – This only includes the people who have consumed a food that contains Azorubine.

\* ADI = 4 mg/kg bw/day

**Table A9.5: Estimated dietary exposures to Brilliant Black for Australian consumers, as a percentage of the ADI**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Brilliant Black for consumers (%ADI)			
			<i>Mean Colours Scenario</i>		<i>Maximum Colours Scenario</i>	
			Mean	90 <sup>th</sup> percentile	Mean	90 <sup>th</sup> percentile
2-5 years	100	13	<1	<1	<1	1
6-12 years	174	14	<1	<1	<1	<1
13-18 years	91	10	<1	<1	<1	1
19-24 years	54	5	<1	<1	<1	1
25 years & above	429	4	<1	<1	<1	<1
2 years & above	848	6	<1	<1	<1	<1

# Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Brilliant Black.

♦ Consumers only – This only includes the people who have consumed a food that contains Brilliant Black.

\* ADI = 1 mg/kg bw/day

**Table A9.6: Estimated dietary exposures to Brilliant Blue for Australian consumers, as a percentage of the ADI**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Brilliant Blue for consumers (%ADI)			
			<i>Mean Colours Scenario</i>		<i>Maximum Colours Scenario</i>	
			Mean	90 <sup>th</sup> percentile	Mean	90 <sup>th</sup> percentile
2-5 years	642	81	<1	<1	<1	3
6-12 years	1,050	82	<1	<1	<1	2
13-18 years	644	69	<1	<1	<1	1
19-24 years	635	60	<1	<1	<1	<1
25 years & above	4,790	49	<1	<1	<1	<1
2 years & above	7,761	56	<1	<1	<1	<1

# Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Brilliant Blue.

♦ Consumers only – This only includes the people who have consumed a food that contains Brilliant Blue.

\* ADI = 1 mg/kg bw/day

**Table A9.7: Estimated dietary exposures to Brown HT for Australian consumers, as a percentage of the ADI**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Brown HT for consumers (%ADI)			
			<i>Mean Colours Scenario</i>		<i>Maximum Colours Scenario</i>	
			Mean	90 <sup>th</sup> percentile	Mean	90 <sup>th</sup> percentile
2-5 years	244	31	2	4	5	15
6-12 years	396	31	2	5	5	15
13-18 years	256	28	2	3	4	10
19-24 years	217	20	1	3	3	7
25 years & above	1,858	19	<1	2	2	6
2 years & above	2,971	21	1	3	3	8

# Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Brown HT.

♦ Consumers only – This only includes the people who have consumed a food that contains Brown HT.

\* ADI = 1.5 mg/kg bw/day

**Table A9.8: Estimated dietary exposures to Cochineal/Carmine for Australian consumers, as a percentage of the ADI**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Cochineal/Carmine for consumers (%ADI)			
			<i>Mean Colours Scenario</i>		<i>Maximum Colours Scenario</i>	
			Mean	90 <sup>th</sup> percentile	Mean	90 <sup>th</sup> percentile
2-5 years	557	70	<1	<1	<1	1
6-12 years	927	72	<1	<1	<1	<1
13-18 years	605	65	<1	<1	<1	<1
19-24 years	550	52	<1	<1	<1	<1
25 years & above	3,735	38	<1	<1	<1	<1
2 years & above	6,374	46	<1	<1	<1	<1

# Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Cochineal/Carmine.

♦ Consumers only – This only includes the people who have consumed a food that contains Cochineal/Carmine.

\* ADI = 5 mg/kg bw/day

**Table A9.9: Estimated dietary exposures to Green S for Australian consumers, as a percentage of the ADI**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Green S for consumers (%ADI)			
			<i>Mean Colours Scenario</i>		<i>Maximum Colours Scenario</i>	
			Mean	90 <sup>th</sup> percentile	Mean	90 <sup>th</sup> percentile
2-5 years	32	4	<1	<1	<1	<1
6-12 years	40	3	<1	<1	<1	3
13-18 years	20	2	<1	<1	<1	2
19-24 years	18	2	<1	<1	<1	1
25 years & above	160	2	<1	<1	<1	1
2 years & above	270	2	<1	<1	<1	1

# Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Green S.

♦ Consumers only – This only includes the people who have consumed a food that contains Green S.

\* ADI = 5 mg/kg bw/day



**Table A9.10: Estimated dietary exposures to Indigotine for Australian consumers, as a percentage of the ADI**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Indigotine for consumers (%ADI)			
			<i>Mean Colours Scenario</i>		<i>Maximum Colours Scenario</i>	
			Mean	90 <sup>th</sup> percentile	Mean	90 <sup>th</sup> percentile
2-5 years	252	32	<1	<1	<1	<1
6-12 years	497	39	<1	<1	<1	<1
13-18 years	278	30	<1	<1	<1	<1
19-24 years	214	20	<1	<1	<1	<1
25 years & above	1,248	13	<1	<1	<1	<1
2 years & above	2,489	18	<1	<1	<1	<1

# Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Indigotine.

♦ Consumers only – This only includes the people who have consumed a food that contains Indigotine.

\* ADI = 5 mg/kg bw/day

**Table A9.11: Estimated dietary exposures to Ponceau 4R for Australian consumers, as a percentage of the ADI**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Ponceau 4R for consumers (%ADI)			
			<i>Mean Colours Scenario</i>		<i>Maximum Colours Scenario</i>	
			Mean	90 <sup>th</sup> percentile	Mean	90 <sup>th</sup> percentile
2-5 years	528	67	<1	<1	1	3
6-12 years	892	69	<1	<1	<1	2
13-18 years	606	65	<1	<1	<1	1
19-24 years	627	59	<1	<1	<1	<1
25 years & above	5,108	52	<1	<1	<1	<1
2 years & above	7,761	56	<1	<1	<1	<1

# Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Ponceau 4R.

♦ Consumers only – This only includes the people who have consumed a food that contains Ponceau 4R.

\* ADI = 4 mg/kg bw/day

**Table A9.12: Estimated dietary exposures to Quinoline Yellow for Australian consumers, as a percentage of the ADI**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Quinoline Yellow for consumers (%ADI)			
			<i>Mean Colours Scenario</i>		<i>Maximum Colours Scenario</i>	
			Mean	90 <sup>th</sup> percentile	Mean	90 <sup>th</sup> percentile
2-5 years	141	18	<1	<1	<1	<1
6-12 years	245	19	<1	<1	<1	<1
13-18 years	100	11	<1	<1	<1	<1
19-24 years	84	8	<1	<1	<1	<1
25 years & above	686	7	<1	<1	<1	<1
2 years & above	1,256	9	<1	<1	<1	<1

# Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Quinoline Yellow.

♦ Consumers only – This only includes the people who have consumed a food that contains Quinoline Yellow.

\* ADI = 10 mg/kg bw/day

**Table A9.13: Estimated dietary exposures to Sunset Yellow for Australian consumers, as a percentage of the ADI**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Sunset Yellow for consumers (%ADI)			
			<i>Mean Colours Scenario</i>		<i>Maximum Colours Scenario</i>	
			Mean	90 <sup>th</sup> percentile	Mean	90 <sup>th</sup> percentile
2-5 years	668	84	2	5	8	20
6-12 years	1,098	85	2	5	6	20
13-18 years	725	78	1	4	5	15
19-24 years	702	66	1	3	4	15
25 years & above	5,240	54	<1	2	2	6
2 years & above	8,433	61	<1	2	3	10

# Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Sunset Yellow.

♦ Consumers only – This only includes the people who have consumed a food that contains Sunset Yellow.

\* ADI = 2.5 mg/kg bw/day

**Table A9.14: Estimated dietary exposures to Tartrazine for Australian consumers, as a percentage of the ADI**

Population group	No. of consumers	Consumers <sup>♦</sup> as a % of total respondents <sup>#</sup>	Estimated dietary exposures to Tartrazine for consumers (%ADI)			
			<i>Mean Colours Scenario</i>		<i>Maximum Colours Scenario</i>	
			Mean	90 <sup>th</sup> percentile	Mean	90 <sup>th</sup> percentile
2-5 years	656	83	<1	1	4	10
6-12 years	1,104	86	<1	1	3	8
13-18 years	718	77	<1	<1	2	6
19-24 years	711	67	<1	<1	2	5
25 years & above	5,316	54	<1	<1	<1	3
2 years & above	8,505	61	<1	<1	2	4

# Total number of respondents for Australia: 2-5 years = 793; 6-12 years = 1,286; 13-18 years = 928; 19-24 years = 1,060; 2 years and above = 13,858. Respondents include all members of the survey population whether or not they consumed a food that contains Tartrazine.

♦ Consumers only – This only includes the people who have consumed a food that contains Tartrazine.

\* ADI = 7.5 mg/kg bw/day

