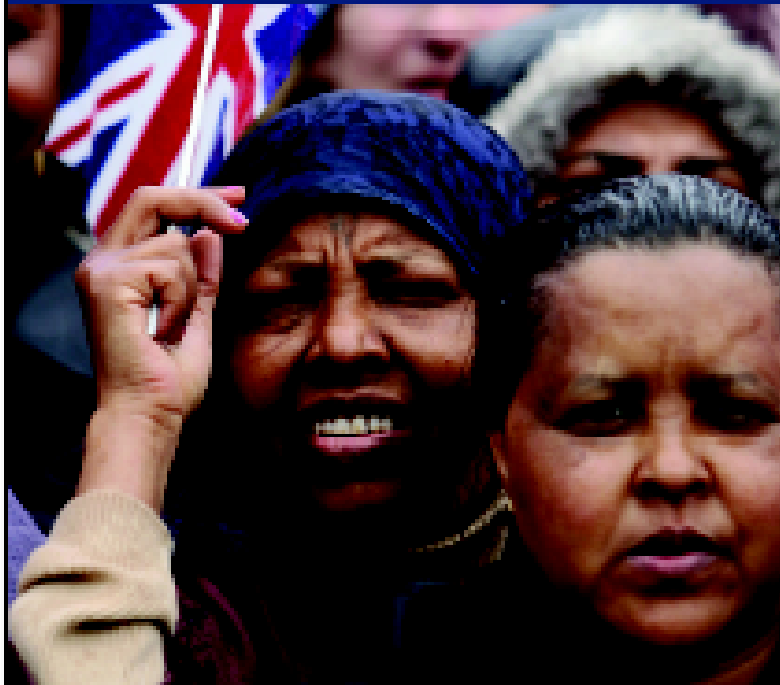


Brrr



'Sleepwalking to segregation'?

Challenging myths of race and migration




Nissa Finney and Ludi Simpson





1991-2001 population change

| | White | Other groups |
|---------------|-----------|--------------|
| Birmingham | -80,000 | +60,000 |
| Manchester | -27,000 | +17,000 |
| Bradford | -22,000 | +24,000 |
| Leicester | -17,000 | +18,000 |
| Coventry | -10,000 | +9,000 |
| Oldham | -10,000 | +11,000 |
| Luton | -4,000 | +16,000 |
| Tower Hamlets | No change | +35,000 |



'Fundamental equation' of demography

$$P(t+1) = P(t) + B(t,t+1) - D(t,t+1) \\ + \text{InM}(t,t+1) - \text{OutM}(t,t+1)$$

Population change = Natural change
+ net migration

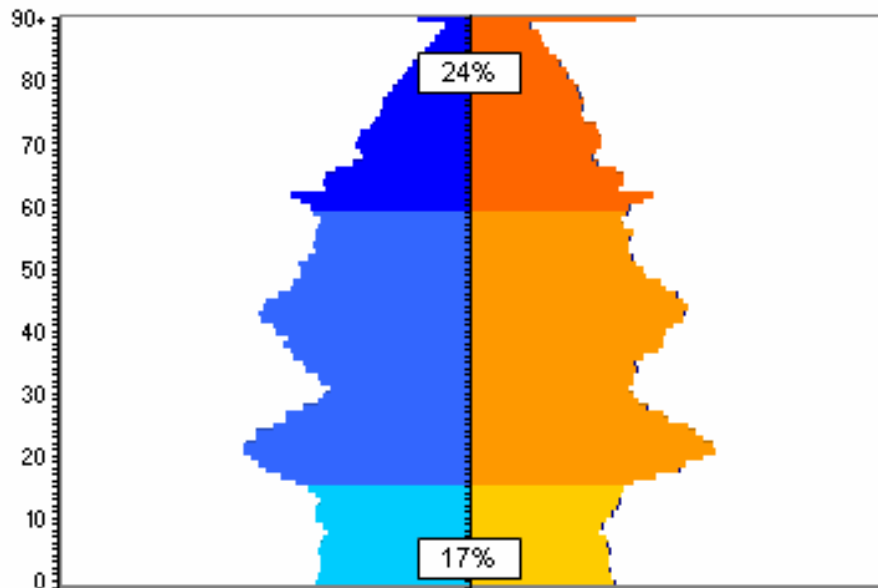


Birmingham City

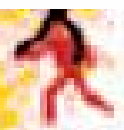
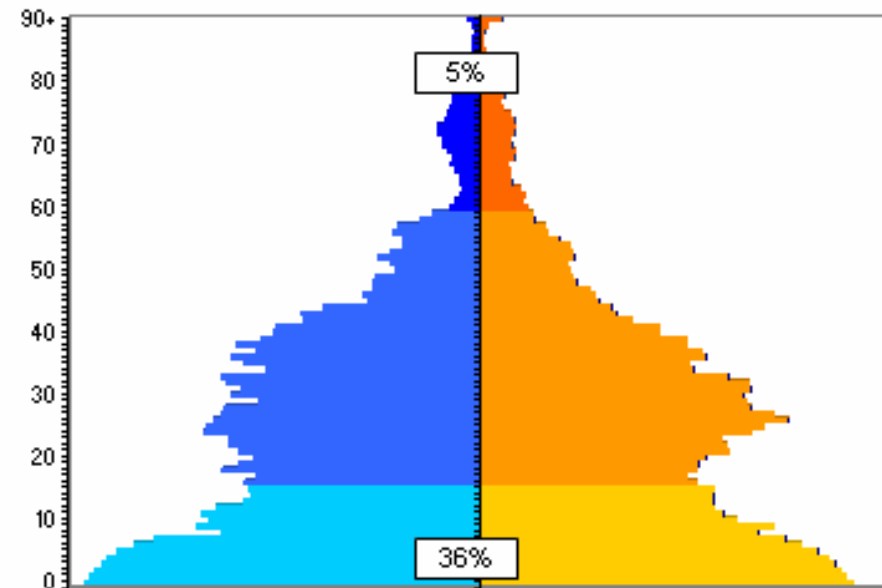
Population estimated 7th March 2009




White



Pakistani



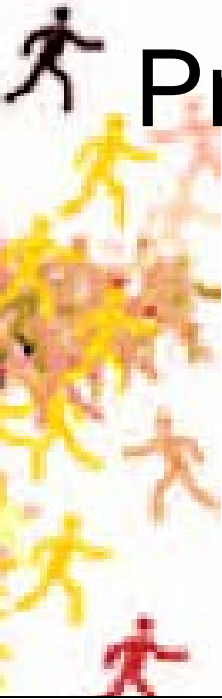


'Fundamental equation' of demography

$$P(t+1) = P(t) + B(t,t+1) - D(t,t+1) \\ + InM(t,t+1) - OutM(t,t+1)$$

Population change = Natural change
+ net migration

Population change =
Momentum due to age structure
+ Net reproduction rate
+ Net migration



Projections: Birmingham City, eight ethnic groups

- Estimate components of change for each group
- Estimate population change due to each component
- Present the decomposition of expected population change

| Percentage change since 2001 | Birmingham | White | Caribbean | African | Indian | Pakistani | Bangladeshi | Chinese | Other |
|---------------------------------------|------------|-------|-----------|---------|--------|-----------|-------------|---------|-------|
| Population 2001 (000s) | 985 | 690 | 48 | 7 | 56 | 106 | 21 | 5 | 51 |
| Total population change 2001-2026 | +12% | -23% | -15% | +599% | +11% | +119% | +125% | +155% | +164% |
| <i>Impact by 2026 of each factor:</i> | | | | | | | | | |
| (a) Age momentum | +16% | +6% | +17% | +39% | +31% | +44% | +49% | +31% | +50% |
| (b) Fertility Impact | -4% | -9% | -18% | +7% | -12% | +23% | +27% | -27% | +21% |
| (c) Migration within the UK | -16% | -22% | -8% | +206% | -16% | -1% | -16% | +7% | -3% |
| (d) Migration overseas | +9% | -1% | -11% | +280% | +1% | +31% | +41% | +105% | +59% |
| (e) Constraint to ONS total | +8% | +2% | +5% | +67% | +7% | +21% | +23% | +40% | +37% |



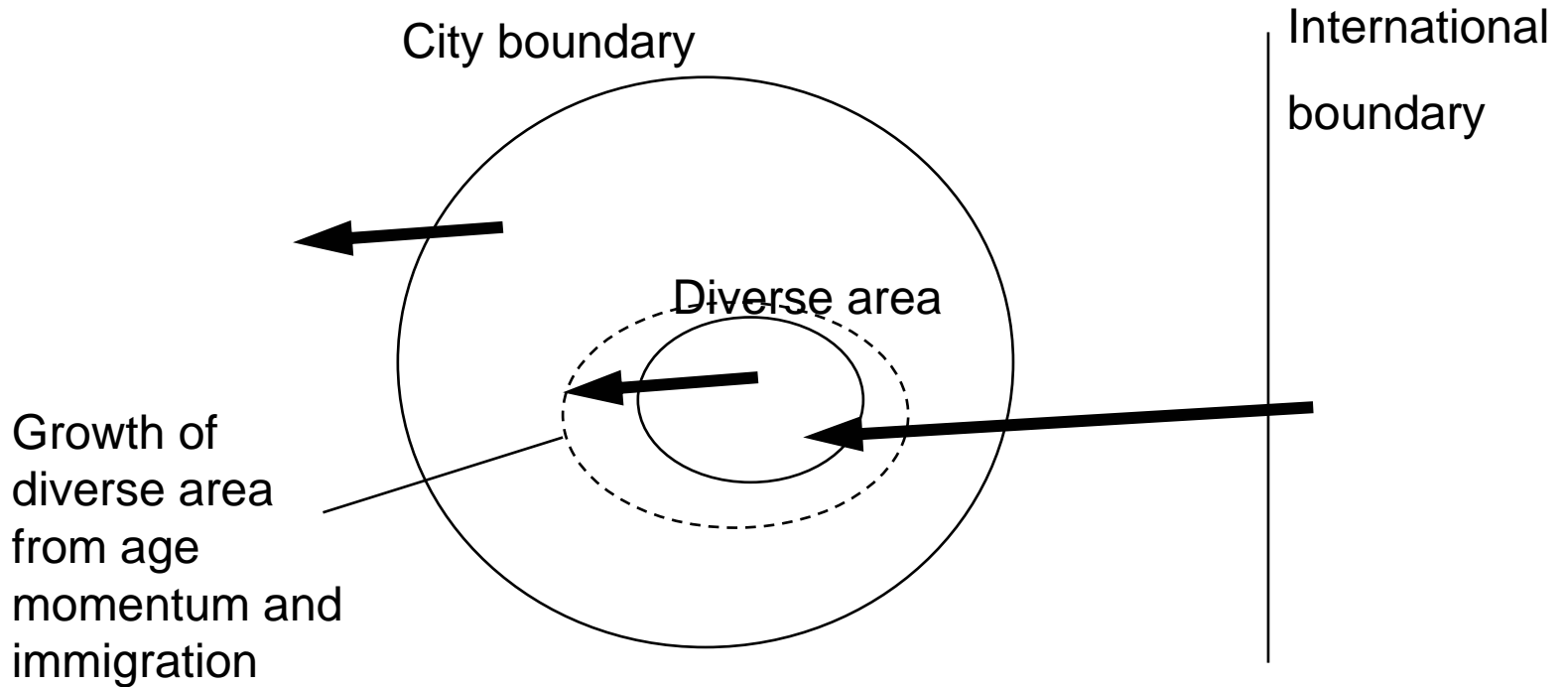
Internal migration from minority White areas

| | Minority movement out | Minority movement in |
|---------------------------|---|----------------------------------|
| White movement out | <p>Minority out-movement greater than White out-movement Ealing, Newham, Birmingham, Blackburn & Darwen, Brent, Pendle, Tower Hamlets, Southwark, Burnley, Sandwell, Slough, Lewisham, Peterborough, Bolton, Derby</p> <p>White out-movement greater than minority out-movement Redbridge, Luton, Hounslow, Croydon, Oldham, Haringey, Hyndburn</p> | Harrow, Waltham Forest |
| White movement in | Leicester, Bradford, Wolverhampton, Coventry, Lambeth, Wycombe, Manchester, Merton | Trafford, Hackney, Preston |

Appendix 5. Region-age projections for selected regions, Inner London, Outer London, Phil Rees 2008. Google: Raymer Migration Wyley South East (GOR): counts in 2001, time series indices in 2010 and 2020 (2001 = 100)

| Ethnic group | Inner London | | | | Outer London | | | | South East (GOR) | | | |
|----------------------------|--------------|-------|-----|----------|--------------|-------|-----|----------|------------------|-------|------|----------|
| | 0-15 | 16-59 | 60+ | All ages | 0-15 | 16-59 | 60+ | All ages | 0-15 | 16-59 | 60+ | All ages |
| White | | | | | | | | | | | | |
| 2001 | 258 | 1408 | 246 | 1912 | 593 | 2170 | 582 | 3346 | 1485 | 4517 | 1616 | 7617 |
| 2010 | 112 | 106 | 101 | 106 | 91 | 97 | 99 | 96 | 95 | 103 | 114 | 104 |
| 2020 | 123 | 114 | 113 | 115 | 87 | 95 | 105 | 96 | 95 | 104 | 131 | 108 |
| Mixed | | | | | | | | | | | | |
| 2001 | 47 | 43 | 15 | 105 | 57 | 39 | 21 | 117 | 42 | 26 | 18 | 86 |
| 2010 | 110 | 131 | 112 | 119 | 125 | 154 | 139 | 137 | 136 | 169 | 165 | 152 |
| 2020 | 122 | 154 | 131 | 137 | 152 | 194 | 185 | 172 | 186 | 221 | 245 | 209 |
| Asian | | | | | | | | | | | | |
| 2001 | 88 | 164 | 40 | 292 | 135 | 321 | 103 | 559 | 49 | 89 | 40 | 177 |
| 2010 | 103 | 122 | 110 | 115 | 106 | 134 | 128 | 126 | 120 | 137 | 146 | 135 |
| 2020 | 118 | 140 | 127 | 132 | 122 | 157 | 162 | 149 | 148 | 170 | 200 | 171 |
| Black | | | | | | | | | | | | |
| 2001 | 131 | 257 | 62 | 449 | 91 | 152 | 57 | 300 | 11 | 28 | 12 | 51 |
| 2010 | 86 | 120 | 93 | 106 | 121 | 155 | 139 | 142 | 127 | 161 | 163 | 154 |
| 2020 | 75 | 124 | 94 | 106 | 138 | 196 | 182 | 176 | 157 | 208 | 229 | 202 |
| Chinese & Other | | | | | | | | | | | | |
| 2001 | 16 | 66 | 13 | 94 | 20 | 58 | 18 | 96 | 11 | 32 | 13 | 56 |
| 2010 | 115 | 137 | 132 | 133 | 139 | 170 | 169 | 163 | 143 | 201 | 206 | 191 |
| 2020 | 141 | 158 | 160 | 155 | 174 | 212 | 229 | 207 | 192 | 260 | 303 | 257 |
| All groups | | | | | | | | | | | | |
| 2001 | 539 | 1938 | 375 | 2852 | 897 | 2740 | 782 | 4418 | 1597 | 4691 | 1699 | 7988 |
| 2010 | 104 | 111 | 102 | 109 | 100 | 107 | 108 | 106 | 97 | 105 | 117 | 106 |
| 2020 | 111 | 120 | 114 | 117 | 104 | 112 | 123 | 112 | 100 | 108 | 136 | 112 |

Population momentum, non-racial suburbanisation, and immigration



Results: changing racial composition, more mixed areas



Latest consultation form: February 2008

7 What is your country of birth?

8 If you were not born in the United Kingdom, when did you most recently arrive to live here?

Do not count short visits away from the UK.

| Month | Year |
|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> |

16 What is your ethnic group?

Choose **one** section from A to E, then tick **one** box to best describe your ethnic group or background.

A White

English / Welsh / Scottish / Northern Irish / British

Irish

9 Including the time you have already spent here, how long do you intend to stay in the United Kingdom?

less than 3 months

3 months or more but less than 6 months

6 months or more but less than 12 months

12 months or more

10 What passports are you entitled to hold?

Tick all that apply.

United Kingdom

15 How would you describe your national identity?

Tick all that apply

English

Welsh

Scottish

Northern Irish

British

Other, write in

18 What is your main language?

English → Go to **20**

Other, write in (including sign languages)

| | | | | | | | | | | | | | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|

19 How well can you speak English?

Very well

Well

Not well

Not at all

20 What is your religion?

This question is voluntary

No religion

Christian (including Church of England, Catholic, Protestant and all other Christian denominations)

Buddhist

Hindu

Jewish

Muslim

Sikh

Other, write in