Women secondary headteachers in England: where are they now?

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Abstract

The underrepresentation of women in secondary school headship in England and elsewhere is an early and longstanding theme in the women and gender in educational leadership literature. The purpose of this paper is to report findings from a statistical survey of secondary school headteachers across England. Data available in the public domain on school websites has been collated during a single academic year to present a new picture of where women lead secondary schools in England. Mapping the distribution of women by local authority continues to show considerable unevenness across the country. This paper argues that a geographical perspective still has value. It might influence the mobilisation of resources to targeted areas and ultimately result in women's proportionate representation in school leadership. Alongside this is a need for schools and academy trusts to comply with the Public Sector Equality Duty.

Keywords

Women headteachers, gender, educational leadership

Introduction

The distribution of women secondary headteachers (many now known as principals) by local authority in England has been documented on at least three previous occasions (Edwards and Lyons, 1994; Fuller, 2009; Fuller, 2013). This paper updates knowledge about the distribution of women secondary school headteachers across England for the academic year 2015-16. Its identification of regional variation aims to enhance the understanding of teaching professionals, researchers and policy-makers who are interested in improving women's access to headship. In 2014, women constituted 62.2% of the secondary school teaching workforce but only 37% of headteachers (DfE, 2015). This article uses two new sets of data from 2001 and 2015-16 to answer the questions 1) where are women leading state secondary schools in England?; and 2) how has their distribution by local authority changed over the course of fifteen years?

At the time of writing, the Conservative government (elected in 2015) has rescinded its plans to make all schools academies by 2020 (DfE, 2016a). Nevertheless, the intention remains that schools

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seen to be failing or not improving sufficiently will be forced to convert to academies (Richardson, 2016). Such schools are no longer under local authority control. These major structural changes necessarily impact on the roles and responsibilities of local authorities in the education of children and young people and the employment of staff. Each academy and free school is responsible for fulfilling the Public Sector Equality Duty (PSED) as education providers and employers.

The change in the role of the local authority might suggest an analysis of women headteacher/principals' distribution by local authority will become increasingly obsolete. However, this paper argues an analysis of data by local authority at this time 1) enables a comparison of data over time; and 2) usefully delineates geographical units that remain familiar to teaching professionals, researchers and policy-makers. For the first time, data has also been collated using regions determined by the regional schools commissioners (DfE, 2016b). It is concluded that whilst schools have long worked in partnerships and networks, these and other arrangements are increasingly formalised as chains of sponsored academies, multi-academy trusts or teaching school alliances. In the future, analysis by arrangements such as these might become increasingly useful. Indeed, the workforce census presents data by local authority maintained schools and academies to show there were slightly fewer women headteachers in secondary academies (36.4%) than in local authority maintained secondary schools (38.5%) (DfE, 2015).

Having provided a brief overview of the policy context here, the paper goes on to outline existing research in women and gender in educational leadership in relation to the United Kingdom (UK) Equality Act (2010). There follows a description of how the survey was conducted. The findings are presented as a series of tables as Appendix 1 (Tables 1-7) using a variety of geographical lenses. Here, the findings are discussed in the light of the literature and the requirements of the Equality Act (2010). Conclusions are drawn to advocate a regional approach for investment in equality and diversity education by policy-makers and activist professionals. Implications for further research are also identified.

Women in secondary school headship and the Equality Act (2010)

Shakeshaft (1987) identified six stages leading to a paradigmatic shift in the research on women and gender in educational leadership, management and administration. These include the '1) absence of women documented; 2) search for women who have been or are administrators; 3) women as disadvantaged or subordinate; 4) women studied on their own terms; 5) women as challenge to theory; and 6) transformation of theory' (Shakeshaft, 1987: 13).

The research reported here is located in the first stage as documentation of the presence of women. It contextualises research in England that has also focused on documenting women's experiences of becoming and being headteachers (Coleman, 2002), studying women on their own terms (Fuller, 2013), women headteachers' challenge to gendered leadership theory (Fuller, 2014a, 2015) and the transformation of leadership theory by feminist scholars such as Ozga (1993) and Adler et al (1993) who have been credited, along with Blackmore (1989), for their contribution to critical leadership studies (Grace, 2000). More recently, Helen Gunter, along with Pat Thomson and Tanya Fitzgerald, has ensured gender shapes leadership knowledge production by focusing on identity construction (gender alongside age, disability, race and sexuality, for example); issues of social injustice (power struggles, division of labour and career paths); women's adoption of male/masculine/masculinist and/or 'normative' leadership; and gender and leadership as a continuing research agenda (see Fuller, 2014b).

In England, there is a resurgence of interest in the fact that despite girls' routine academic outperformance of boys at ages 5 years, 16 years and at degree level throughout Britain the gender pay gap persists for women (EHRC, 2009). Women still experience the difficulties and stress of sex discrimination and sexual harassment in the workplace. They are less likely to hold leadership and management positions than men.

This applies to secondary schools where there is a gap between the proportion of women in the teaching workforce and the proportion of women headteachers/principals leading schools in England (Fuller, 2013). Indeed, there remains a concern for the unequal opportunities for women in secondary school educational leadership in English schools (McNamara et al, 2010). This concern with women's underrepresentation in headship resonates with second wave feminist theory of equality that sought women's equality with men in the workplace and feminist theory of difference that identified women's sociocultural roles necessitated different approaches to career advancement (see Scott, 1988). In the 21st century, women's underrepresentation in headship is a matter of social injustice with women's lack of parity of participation resulting in lack of recognition for their capacity for leadership and from lack of resources with which to achieve it (Fraser, 2007; Blackmore, 2013). Indeed, the barriers to women achieving headship have been seen as a complex range of interacting factors of: (1) socialization and stereotyping; (2) internal barriers; and (3) macro (societal), meso (organizational) and micro (personal) level culture and tradition factors (Cubillo and Brown, 2003).

In the UK, the Equality Act (2010) brought together the Race Relations Acts (1965, 1976), the Equal Pay Act (1970), the Sex Discrimination Act (1975), the Disability Discrimination Act (1995) and the Employment Equalities Regulations (Sexual Orientation, 2003; Religion or Belief, 2003; Age, 2006). It identifies nine characteristics for protection against discrimination as: age, disability, gender reassignment, marriage and civil partnership, pregnancy and maternity, race, religion or belief, sex and sexual orientation. The Equalities and Human Rights Commission (EHRC) is responsible for monitoring the Public Sector Equality Duty (PSED) that from 2012 requires all schools to have 'due regard' to the impact of policy and decision-making on those with any of the nine protected characteristics. They have a duty to,

1. Eliminate discrimination, harassment, victimisation and other conduct that is prohibited by the Equality Act 2010;

- 2. Advance equality of opportunity between people who share a protected characteristic and people who do not share it;
- 3. Foster good relations across all protected characteristics between people who share a protected characteristic and people who do not share it (EHRC, 2012a: 4).

As education providers schools are expected to 'remove or minimise disadvantages'; 'take steps to meet different needs'; and to 'encourage participation when it is disproportionately low' (EHRC, 2012a: 4). They must publish information to show compliance with the equality duty and prepare and publish equality objectives. As employers, almost 70% of the 383 randomly selected secondary schools were found to have no published objectives relating to the specific equality duties (EHRC, 2012b: 7). 41.6% of secondary schools had published objectives that related to the three-fold general duty to eliminate discrimination, advance equality and foster good relations (EHRC, 2012b: 10). With respect to the specific protected characteristics, the percentage of secondary schools that published objectives (not including objectives that cover 'all protected characteristics') were: age (5.6%), disability (58.4%), sex (53.9%), gender reassignment (6.7%), marriage and civil partnership (0.0%), pregnancy and maternity (3.4%), race (46.1%), religion or belief (19.1%), and sexual orientation (22.5%) (EHRC, 2012b: 14).

Here it can be seen that these schools have not demonstrably referred to characteristics that disproportionately affect women such as pregnancy and maternity. The emphasis by secondary schools was on education but not on employment (EHRC, 2012b). The percentage of secondary schools that published objectives relating to employment was: applications and appointments (26.0%), pay gap (2.0%), promotions or representation in senior roles (4.0%), discrimination, harassment, bullying or grievances (4.0%), sickness absence or staff leaving (0.0%), job satisfaction (2.0%), training (54.0%), and other (44.0%) (EHRC, 2012b: 17). Clearly these issues apply to all the protected characteristics but research shows some of them have been cited by women headteachers as barriers to their advancement to secondary school headship which had to be

overcome (Coleman, 2002). Recent research in six English local authorities, senior leadership team members (women and men) reported discriminatory attitudes from a range of people such as governors, senior leadership team colleagues, teaching colleagues, pupils and parents (Fuller et al, 2015). So too, there was evidence of discrimination reported at the intersection of sex and a variety of other protected characteristics.

Showunmi et al (2015: 11) have shown only a few white women recognised 'the privilege of white ethnicity in leadership positions'. Black and Global Majority/Black and Minority Ethnic women are underrepresented in headship in secondary schools (3.6% in local authority maintained schools and 4.3% in secondary academies) compared with: the proportion of BGM/BME women in secondary school teaching (9.7% in local authority maintained schools and 8.6% in secondary academies) (DfE, 2015a); the 14% of BGM/BME of the population as a whole (ONS, 2012); and the 23.2% of secondary school children (DfE, 2012). The women who achieve secondary headship are white women.

The research

The research described below raises epistemological challenges with respect to an essentialist gendered construction of leaders. Indeed, a critical and poststructural feminist approach would be more concerned with the deconstruction of gendered power relations and the reconstruction of leadership as multidimensional and multidirectional (Blackmore, 1989, 2013). Nuanced perspectives are possible using qualitative research methods (see Fuller, 2014a, 2015). Nevertheless, this research provides a context for such research and has enabled recognition, for example, that the majority of chief executive officers of the large chains of academies are men, whilst women appeared relatively well-represented in site-based leadership (Fuller, 2016). It enables further questions to be asked about the location of power and decision-making in these new structures. There follows a description of the survey as it was carried out.

This was a survey of state-funded mainstream secondary schools serving children who take public examinations at the age of 16 years. Its purpose was to map the distribution of women in secondary school headship. It follows existing research into women's underrepresentation by focusing on English local authorities as the unit of analysis (see Edwards and Lyons; Fuller, 2009, 2013), thus enabling a comparison over time.

Earlier research (Fuller, 2009) collated data from *The Education Authorities Directory* (2005) as a list of schools published annually. By 2010, data was available online at the schoolswebdirectory.co.uk. A combination of this and local authority website data was used to map women's distribution in secondary school headship in the UK in 2010 (Fuller, 2013).

During the academic year, 2015-16, data for this study was collated by combining a list of schools by local authority from schoolswebdirectory.co.uk, lists published online by local authorities and data collated from individual school websites. School websites were likely to be more accurate than either of the published lists. A number of stages ensured findings could be compared with research carried out for 2001 (using *The Education Authorities Directory* (2001)), 2005 and 2010:

- independent schools, sixth form colleges and middle schools were removed from the list taken from schoolswebdirectory.co.uk;
- 2) the remaining list was compared with the local authority list to ensure alternative provision, pupil referral units and special schools were removed;
- academies (sponsored and converter), free schools, studio schools, university technical colleges and through schools were included (some had replaced schools included in earlier research; some were new schools);
- 4) school websites were analysed to ascertain the headteacher's sex as it was presented by the incumbent and constructed by the researcher.

In England, titles are commonly used to indicate a person's sex. In this survey, the titles 'Mr' and 'Sir' were used to identify men; 'Mrs', 'Ms', 'Miss', 'Dame' and 'Lady' were used to identify women. Neutral titles, such as Dr and Reverend, and the use of initials prompted the search for additional material as photographs or media reports in order to construct headteachers' sex as it was presented in traditional ways in English culture. Thus the sex of headteachers/principals was constructed from website welcome messages, photographs, lists of senior or strategic leadership teams, minutes of governing body meetings and letters home to families. Descriptive statistics have been used to present the findings in a univariate analysis with biological sex as the single variable.

A benefit of researching websites was to find examples of co-leadership and temporary arrangements not shown in data held by the DfE or local authority. In 24 schools there was evidence of co-headship/principalship. In twelve schools a woman and a man shared the role; in six schools there were two women; in five schools two men. In one school there were three co-principals: one woman and two men. All were counted with the proportion of women calculated in relation to the number of schools not the number of headteachers. There were 81 schools with acting or interim headteacher/principals: forty women and forty-one men. All were counted. One website showed the headteacher was on maternity leave, her headship was covered by a man as acting headteacher; in this case both were counted.

The range of roles and nomenclature of school leaders reflects changing structures in the English school system. It is common to find joint welcome messages by an executive headteacher/principal and headteacher/principal. In some cases, it is impossible to ascertain how far the role is a site-based leadership role. The person whose name was most prominent was counted as the headteacher/principal. In the case of Chains of Academies, a photograph of the chief executive might appear on every school website. Where possible, the site-based leader was sought and counted. This difficulty deciding who the headteacher/principal of a school is, might account for some differences between these findings and findings that appear to show a dramatically fluctuating

proportion of women in some authorities that used a different method (telephone survey) to identify the sex of the headteacher (Fuller et al, 2015). It raises methodological questions for future research.

The distribution of women secondary school headteachers by local authority

The proportion of women leading state secondary schools included in the survey in each local authority is given in Tables 1-7 in the appendix. The data is presented as Table 1 - the London Boroughs (LB), Greater Metropolitan Districts (GMD) and Non-Metropolitan Districts (N-MD); Table 2 - Local authorities with 50 or more secondary schools; Table 3a-b - Local authorities where the proportion of women is particularly high or low; Tables 4a-4d - Significant changes over time (2001, 2005, 2010 and 2015-16); Table 5 - The English Regions determined by the responsibilities of the Regional Schools Commissioners (TES, 2016); Table 6 - Chains of Academies with ten or more secondary schools; and Table 7 – A complete list of local authorities.

In earlier research, data about the distribution of women headteachers in state secondary schools has been presented as a series of tables to show every local authority (Fuller, 2009; 2013). For ease of reading here, the tables of data are provided for reference as an appendix. The findings are reported below as outlined above.

The London Boroughs, metropolitan districts and non-metropolitan districts (Table 1)

Analysis of the proportion of women leading state secondary schools in the London Boroughs (LB), Greater Metropolitan Districts (GMD) and Non-Metropolitan Districts (N-MD) shows the highest proportion are in South Yorkshire (47.1%) followed by the London Boroughs (42.9%). The lowest proportions are in Merseyside (33.7%) and the N-MDs (36.1%). The degree of variance in each of the groups shows that some local authorities where women are well-represented are geographically

close to those where they are not; for example, Sandwell (16.7%) and Coventry (56.5%) in the West Midlands. This replicates findings elsewhere (Fuller, 2009; Fuller, 2013; Fuller et al, 2015).

Within seven miles (distance between Kensington & Chelsea (LB) and Richmond-upon-Thames (LB)) one authority has no women secondary headteachers at all (0/6 schools) and one has 70% of schools led by women (7/10 schools). Each of these authorities is too small to make generalisations so it is more useful to compare larger authorities consisting of fifty or more schools. The size of these authorities is comparable to the smaller Greater Metropolitan Districts, Merseyside, South Yorkshire and Tyne and Wear.

Large local authorities (Table 2)

Whilst none of the larger local authorities (with fifty or more secondary schools) is comparable in size with the combined local authorities that comprise the London Boroughs, or the West Midlands, Greater Manchester and West Yorkshire Greater Metropolitan Districts, it is interesting to note the relatively high proportion of women leading schools in Kent (51.0%), Surrey (45.5%) and Birmingham (46.9%). In the past, the 'ILEA [Inner London Education Authority] factor' (Edwards and Lyons, 1994: 8) has accounted for higher proportions of women in and around London (Fuller, 2009). The ILEA was known for its radical anti-sexist education policy that aimed to 'free both sexes of the restrictive stereotypes which undervalue and undermine girls and women, and which convince boys and men that their superiority is "natural"' (ILEA, 1985: 3 cited in Arends and Volman, 1995: 119-20). Whilst London and Birmingham have been picked out as having relatively more women headteachers, it 'does not appear to be a distinctly urban phenomenon but does seem to be regionally biased' (Coleman, 2005: 9). The proximity of Kent and Surrey to London would suggest that remains the case; though it appears not to be the case for Essex. Analysis of the former ILEA London Boroughs reveals the proportion of women headteachers was 46.3%, marginally higher than in the London Boroughs overall (but this was a decrease over time see below).

Exceptional local authorities (Tables 3a and 3b)

Exceptional local authorities are identified as those where the proportion of women is particularly high or low.

Women are not a minority. A social justice argument suggests women should be represented in headship in the same proportion as their representation in society and/or in the secondary school teaching workforce (62.2%). Just seven authorities had a proportion of women secondary headteachers that matches the proportion of women secondary teachers nationally – Thurrock in the East of England (70.0%); London Boroughs, Richmond-Upon-Thames (70.0%) and Merton (62.5%); Bristol in South-West England (68.2%); Bracknell Forest (66.7%) and Wokingham in South Central England (66.7%); and Darlington in the North of England (62.5%). The list of authorities with 50% or higher proportions of women includes eight London Boroughs and eight authorities from the Greater Metropolitan Districts. However, there are high proportions of women headteachers in local authorities that cross the country from the north-east and north-west, through the Midlands to London and the south-east and south-west.

Nine local authorities with exceptionally low proportions of women secondary headteachers were defined as those with 20% or fewer, considerably lower than the 38% of headteachers found in England overall. They include London Boroughs, Kensington and Chelsea (0.0%) and Barking and Dagenham (18.2%); Herefordshire (12.5%) and Sandwell (16.7%) in the West Midlands; Bath and North East Somerset (15.4%) and North Somerset (18.2%) in South-West England; Bury (15.4%) in Greater Manchester; Knowsley (16.7%) in Merseyside; and Bedfordshire (18.8%) in South Central England. These authorities cross the country from the north-west, through the Midlands to London and the south-west. None is in the north-east or the south-east regions of England. Again, authorities with particularly low proportions of women are situated adjacent to authorities with particularly high proportions as in Bath and North East Somerset (15.4%) and Bristol (68.2%).

Changes over time (Tables 4a to 4d)

Between 2001 and 2015 the overall proportion of women secondary headteachers in England increased by 13% from 25% to 38%. Whilst the proportion of women in the London Boroughs has not appeared to shift, an analysis of the twelve former ILEA London Boroughs shows a decrease between 2001 and 2015 of 6%. There are considerable changes in the Greater Metropolitan Districts between 2001 and 2015. Of particular note are the increases in West Yorkshire between 2001 and 2005 - 17.1%; South Yorkshire with two increases, 8.5% between 2001 and 2005 and a further 10.6% between 2010 and 2015 to make 21.8% overall; and Greater Manchester where the proportion of women has doubled in fifteen years.

A simple comparison between 2001 and 2015 masks subtle changes. A more fine-grained analysis shows increases and decreases of 20% or more occurring between 2001 and 2015 in some local authorities and large fluctuations during that period. For example, there was a marked decrease of 61.1% in Knowlsey between 2010 and 2015; and a 50% increase in Bracknell Forest that masks decreases in the previous two five-year periods. Each of these local authorities is too small to make claims of statistical significance.

The English Regions (Table 5)

For the purpose of this analysis the English regions have been determined by the current responsibilities of the Regional Schools Commissioners (RSC). Ten RSCs have a specific remit for the further academisation of schools (Durbin et al, 2015). Their geographical areas of responsibility make up the following regions: South-East England and South London; South Central England and NW London; East of England and NE London; Lancashire and West Yorkshire; East Midlands and the Humber; South-West England (includes Isles of Scilly); West Midlands; and North of England. The composition of each region by local authority was provided by the Department for Education

(2016b). The regions incorporate the Greater Metropolitan Districts, Non-Metropolitan Districts and London Boroughs.

Women are represented in higher proportions in secondary headship in South-East England and South London (44.5%) than elsewhere, and particularly compared to the North of England (33.6%). However, as already demonstrated, there is considerable variation within each region. In Newcastle-upon-Tyne, in the North of England, 50% of schools were led by women. The degree of variance between local authorities within the regions is high in every case; the highest being South Central England and NW London with a degree of variance of 66.7% between Kensington & Chelsea (0.0%) and Bracknell Forest (66.7%). This provides an indication of the variation in the representation of women in some authorities within regions.

There follows a discussion of the implications of this update of knowledge for teaching professionals, researchers and policy-makers.

Implications

It is hoped that this data will be useful to teaching professionals, researchers and policy-makers alike. Using the local authority as the unit of analysis has enabled comparison over time that shows the rate of increase is painfully slow at less than 1% per annum. At this rate women's representation in headship will not match their representation in the teaching workforce before 2040. Mapping the distribution of women secondary school headteacher/principals across England using a number of different groupings and making a range of comparisons shows just how patchy it remains. The juxtaposition of local authorities with high proportions of women and those with low proportions remains in place.

Recommendation has been made to women aspiring to headship that they should 'Consider location: London and the metropolitan areas are statistically favourable' (Coleman, 2002: 48). This is certainly not the case for many London Boroughs and the Greater Metropolitan District authorities

are not uniformly favourable. It might be more useful for women (and men) aspiring to headship to look carefully at the degree of diversity in school governing bodies, academy trust boards and in senior leadership teams before deciding where to apply for headship.

Women's disproportionate responsibility for childcare and domestic arrangements, direct and indirect discrimination during the selection process and among workplace peers has been well-documented (Coleman, 2002; Fuller, 2009; Fuller et al, 2015; Ozga, 1993). It is vital that governing bodies, academy trust boards and headteachers ensure objectives are set with respect to their responsibility as employers, not just as educators, in compliance with the Public Sector Equality Duty.

Activist teaching professionals are already engaged in work led by trade unions, professional associations and charitable trusts that focuses specifically on women in the teaching profession (ASCL, 2016; ATL, 2016; NAHT, 2016a; NASUWT, 2016; NUT, 2016; The Future Leaders Trust, 2016). A social media based group #WomenEd, launched in 2015, already has regional networks developing across the UK that serve women leading in education across all sectors and phases (#WomenEd, 2015). In London, the Leading Women Alliance, led by ASCL, was launched in January 2016; in Nottingham, an Economic and Social Research Council funded initiative 'Women Secondary Headteachers: Pass it on' was launched in July 2016 (University of Nottingham, 2016). These initiatives focus on making connections between teaching professionals, researchers and policymakers for the development of women's leadership in education.

This research has focused on women who are, in the main, white. The impact of additive and intersecting combinations of protected characteristics that result in dual/multiple discriminations are yet to be charted, though Showunmi et al's (2015: 1) use of an intersectional framework demonstrates 'that socio-demographic identities should be considered simultaneously in order to challenge universalist, gender and ethnic neutral assumptions of leadership'. It is vital that future research should focus on the experiences of Black and Global Majority women to follow up the

existing small body of empirical research carried out in England (Campbell-Stephens, 2009; Johnson and Campbell-Stephens, 2010, 2013; Coleman and Campbell Stephens, 2010; Ogunbawo, 2012; Showunmi et al, 2015; Moorosi et al, in press).

Local authorities are used by the Department for Education to identify the regions led by the RSCs. However, future research might be carried out to identify the distribution of women headteachers in other arrangements of schools such as multi-academy trusts, teaching school alliances or chains of sponsored academies. As an alternative to the geographical analyses above, twelve large Chains of Academies, with ten or more secondary schools, were selected to find out women's distribution in secondary headship in these chains (Kemnal Academy Trust (73.3% of secondary schools led by women), Northern Education Trust (70.0%), Ark Schools (55.6%), Harris Federation (50.0%), Oasis Community Learning (50.0%), Academies Enterprise Trust (48.3%), School Partnership Trust Academies (46.7%), Ormiston Academies Trust (46.4%), E-Act (41.7%), United Learning (41.7%), Academy Transformation Trust (40.0%), Outwood Grange Academies Trust (35.7%) - see also Table 6). All but one has higher proportions of women than in the country overall. However, women are underrepresented at chief executive level, with only two of these chains led by women. There is a need for further research into the representation of women at executive headteacher/principal level as schools increasingly combine to form Multi-Academy Trusts and Chains of Academies; and for research into site-based leadership within such organisations that asks: What is the reality of leading schools as part of a large chain of academies or in a multi-academy trust?

There is a need for further more precisely focused qualitative research into questions such as:

- 1. What has happened to promote equality and diversity issues in London Boroughs since the abolition of the ILEA in 1990?
- 2. What happened in Knowsley schools in the last five years?

- 3. What made Bristol schools more attractive to women? Or what made women more attractive as headteachers in Bristol schools? Is there any relationship with the apparent decline in Bath and North East Somerset?
- 4. What is the reality of taking maternity leave whilst you are a headteacher?
- 5. What is the reality of co-headship?
- 6. What does the distribution of women secondary school headteachers look like in Teaching School Alliances? (Fuller, 2016).

With respect to policy-making, investment is needed in women's leadership development in some geographical areas more than in others. Such investment might take the form of further funding for equality and diversity education for all i.e. pupils, staff, school leaders, governing body and academy trust board members. The DfE (2016a: 49) has devoted a section of the education white paper to 'Increasing diversity in leadership'. Recognised as a matter of identifying school leadership talent and succession planning, policy-makers state 'So we need to do more to release the full potential of our diverse leadership talent pool, including groups under-represented in leadership (like women, people from black and minority ethnic [BME] backgrounds, and lesbian, gay, bisexual or transgender [LGBT] teachers)' (DfE, 2016a: 49). A commitment to 'support schools to develop a strong and diverse pipeline of great school and system leaders, funding activity aimed at groups who are underrepresented in leadership positions, like women and LGBT candidates and those from a BME background' (DfE, 2016a: 49) has been followed up with funding for 'Women Leading in Education: regional networks', a 'Pledge to coach women teachers in schools' and further 'Leadership Equality and Diversity Fund: for school-led programmes' (NCTL, 2016). Whilst these initiatives look and sound positive, in themselves they are not enough. More opportunities are needed for activist teaching professionals, researchers and policy-makers to work together, and for such work to become embedded in state education policy and school culture.

A starting point for school leaders would be to implement the PSED (2012), for activist professionals to challenge, and researchers to monitor the enactment of existing national policy and published organisational equality objectives.

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Appendix 1

Tables 1-7

Table 1 – Women secondary school headteachers by groups of local authorities (LA) as London Boroughs (LB). Greater Metropolitan Districts (GMD) and Non-Metropolitan Districts (N-MD)

Groups of local authorities	Number of secondary schools surveyed (2015-6)	% of women secondary school headteachers (2015-6)	Degree of variance – LA with the lowest proportion	LA with the highest proportion
London Boroughs	485	42.9	Kensington and Chelsea – 0%	Richmond-Upon- Thames – 70%
Greater Manchester (GMD)	167	37.1	Bury – 15.4%	Salford – 60%
Merseyside (GMD)	86	33.7	Knowsley – 16.7%	Liverpool – 45.2%
South Yorkshire (GMD)	70	47.1	Rotherham – 31.3%	Barnsley – 60%
Tyne and Wear (GMD)	61	37.7	Gateshead – 30%	Newcastle-upon- Tyne – 50%
West Midlands (GMD)	195	41.5	Sandwell – 16.7%	Coventry – 56.5%
West Yorkshire (GMD)	131	42.7	Calderdale – 30.8%	Kirklees – 53.8%
Total Greater Metropolitan Districts	710	40.0		
Non-metropolitan districts	2071	36.1	Herefordshire – 12.5%	Thurrock – 70%
England	3266	38.0		

Table 2 – Women secondary school headteachers in local authorities with 50 schools or more ordered by proportion (descending)

Local authority	Number of secondary schools	% of women headteachers
	surveyed (2015-6)	
Kent	104	51.0
Birmingham	81	46.9
Surrey	55	45.5
Essex	78	37.2
Leicestershire	50	34.0
Hertfordshire	81	32.1
Norfolk	54	31.5
Lancashire	86	31.4
Lincolnshire	54	29.6

Table 3a – Women secondary school headteachers in local authorities with 50% or more women

headteachers ordered by proportion (descending)

Local authority	Greater Metropolitan	Number of secondary	% of women headteachers
	District or Region	schools surveyed (2015-6)	
Thurrock	East of England (R)	10	70.0
Richmond-Upon-Thames	London Borough	10	70.0
Bristol	South-West England (R)	22	68.2
	South Central England	6	66.7
Bracknell Forest	(R)		
	South Central England	9	66.7
Wokingham	(R)		
Darlington	North of England (R)	8	62.5
Merton	London Borough	8	62.5
Barnsley	South Yorkshire (GMD)	10	60.0
Camden	London Borough	10	60.0
Hackney	London Borough	15	60.0
Islington	London Borough	10	60.0
Portsmouth	South-East England (R)	10	60.0
	South Central England		
Reading	(R)	10	60.0
	Greater Manchester	15	60.0
Salford	(GMD)		
Waltham Forest	London Borough	17	58.8
Coventry	West Midlands (GMD)	23	56.5
Doncaster	South Yorkshire (GMD)	18	55.6
Kirklees	West Yorkshire (GMD)	26	53.8
Plymouth	South-West England (R)	19	52.6
Southwark	London Borough	19	52.6
Kent	South-East England	104	51.0
Greenwich	London Borough	14	50.0
Lewisham	London Borough	16	50.0
Medway Towns	South-East England (R)	18	50.0
Newcastle-Upon-Tyne	Tyne and Wear (GMD)	12	50.0
	East Midlands and the		50.0
North East Lincolnshire	Humber (R)	10	
	East Midlands and the		50.0
North Lincolnshire	Humber (R)	14	
Poole	South-West England (R)	8	50.0
	East Midlands and the		
Rutland	Humber (R)	4	50.0
Solihull	West Midlands (GMD)	14	50.0
Swindon	South-West England (R)	12	50.0
	Greater Manchester	18	50.0
Trafford	(GMD)		
Wakefield	West Yorkshire (GMD)	18	50.0

Table 3b – Women secondary school headteachers in local authorities with 20% or fewer women headteachers ordered by proportion (ascending)

Greater Metropolitan Local authority Number of secondary % of women headteachers District or Region schools surveyed (2015-6) 0.0 Kensington & Chelsea London Borough 6 West Midlands (R) Herefordshire 16 12.5 Bath & North East Somerset South-West England (R) 13 15.4 Greater Manchester 13 Bury 15.4 (GMD) Merseyside (GMD) Knowsley 16.7 6 West Midlands (GMD) Sandwell 18 16.7 London Borough Barking & Dagenham 11 18.2 **North Somerset** South-West England (R) 11 18.2 South Central England Bedfordshire 16 18.8

Table 4a - Changes to the distribution of women secondary school headteachers in groupings of local authorities over time

Groups of local authorities	% of women secondary headteachers - 2001 (The Education Authorities Directory (2001))	% of women secondary headteachers - 2005 (Fuller, 2009)	% of women secondary headteachers - 2010 (Fuller, 2013)	% of women secondary headteachers – 2015-16	% difference 2001 to 2015-16
London Boroughs	41.1	41.1	43.1	42.9	1.8
Greater Manchester					
	18.8	24.2	34.1	37.1	18.3
Merseyside	26.5	30.6	38.7	33.7	7.3
South Yorkshire	25.3	33.8	36.5	47.1	21.8
Tyne and Wear	22.6	21	29.9	37.7	15.1
West Midlands	27.9	33.9	36.2	41.5	13.6
West Yorkshire	15.2	32.3	36.2	42.7	27.5
Total					
GMDs	22.7	29.8	35.5	40.0	17.3
Non-metropolitan					
districts	22.7	28.9	34.0	36.1	13.4
England	25.0	30.1	35.5	38.0	13.0

Table 4b - Increases in the distribution of women secondary school headteachers in local

authorities over time order by proportion (descending)

Local authority	Greater Metropolitan	% of women secondary	% of women secondary	% of women secondary	% of women secondary	% difference
	District or Region	headteachers - 2001 (The Education Authorities	headteachers - 2005 (Fuller, 2009)	headteachers - 2010 (Fuller, 2013)	headteachers – 2015-16	2001 to 2015-16
		Directory (2001))				
Wakingham	South Central	11 1	22.2	22.2	66.7	FF 6
Wokingham	England (R) West	11.1	33.3	33.3	66.7	55.6
	Midlands					
Coventry	(GMD)	5.3	31.6	42.1	56.5	51.3
	East Midlands					
Putland	and the	0.0	0	22.2	50.0	50.0
Rutland	Humber (R) East of	0.0	U	33.3	50.0	50.0
Thurrock	England (R)	20.0	30	30	70.0	50.0
	South-West					
Bristol	England (R)	19.0	33.3	55.6	68.2	49.1
	South					
	Yorkshire			4= 6		
Doncaster	(GMD)	11.76	5.9	17.6	55.6	43.8
Newcastle-Upon- Tyne	Tyne and Wear (GMD)	8.33	9.1	28.6	50.0	41.7
Tyric	North of	8.55	9.1	28.0	30.0	41.7
	England					
Hartlepool	(region)	0.0	16.7	16.7	40.0	40.0
	South-West					
Swindon	England (R)	10.0	20	45.5	50.0	40.0
	Lancashire					
Halton	and West Yorkshire (R)	11.1	37.5	37.5	50.0	38.9
Haiton	West	11.1	37.3	37.3	30.0	36.9
	Yorkshire					
Wakefield	(GMD)	11.1	16.7	22.2	50.0	38.9
	South					
	Yorkshire					
Barnsley	(GMD)	21.43	35.7	35.7	60.0	38.6
	West Yorkshire					
Kirklees	(GMD)	16.0	36	45.2	53.8	37.8
Minices	South-West	10.0	30	13.2	33.0	37.0
Poole	England (R)	12.5	37.5	55.6	50.0	37.5
	North of					
Northumberland	England (R)	6.7	20	14.3	43.8	37.1
	Greater					
Salford	Manchester	23.5	21.4	40	60.0	36.5
Middlesbrough	(GMD) North of	23.3	21.4	40	00.0	30.3
Borough	England (R)	8.3	11.1	11.1	44.4	36.1
Richmond-upon-	London					
Thames	Borough	37.5	50	62.5	70.0	32.5
	West					
D 16 '	Yorkshire		2			0.1.5
Bradford	(GMD) North of	12.5	34.5	42.9	44.1	31.6
Darlington	North of England (R)	33.3	14.3	42.9	62.5	29.2
Darmigton	East Midlands	33.3	14.3	42.3	02.3	23.2
North Lincolnshire	and Humber	21.4	35.7	50	50.0	28.6

	(R)					
Liverpool	Merseyside	17.6	21.9	36.7	45.2	27.5
	West					
	Midlands					
Solihull	(GMD)	23.1	46.2	50	50.0	26.9
	South Central					
	England					
Reading	(region)	33.3	42.9	57.1	60.0	26.7
	North of					
Redcar & Cleveland	England (R)	15.4	33.3	36.4	41.7	26.3
	Tyne and					
South Tyneside	Wear (GMD)	18.18	27.3	44.4	44.4	26.3
	East Midlands					
North East	and the					
Lincolnshire	Humber (R)	25.0	41.7	36.4	50.0	25.0
	Greater					
	Manchester					
Trafford	(GMD)	25.0	33.3	36.8	50.0	25.0
	Greater					
	Manchester					
Rochdale	(GMD)	21.4	28.6	30.8	46.2	24.7
	South-East					
East Sussex	England (R)	19.2	37	51.9	43.3	24.1
	East Midlands					
	and the					
Derby	Humber (R)	14.3	28.6	21.4	37.5	23.2
	North of					
Stockton-On-Tees	England (R)	7.7	14.3	21.4	30.8	23.1
	South Central					
Northamptonshire	England (R)	20.5	33.3	40.5	42.9	22.3
	South-East					
Kent	England (R)	29.5	34.3	43.4	51.0	21.4
	South-West					
Somerset	England (R)	13.3	20	21.6	34.5	21.1
	Greater					
	Manchester					
Wigan	(GMD)	19.0	25	30	40.0	21.0
	London					
Brent	Borough	23.1	38.5	40	43.8	20.7
	South Central					
Oxfordshire	England (R)	20.0	17.6	42.9	40.5	20.5
	East of	_	_			
Suffolk	England (R)	18.4	21.1	33.3	38.6	20.2
	South-East					
Brighton & Hove	England (R)	10.0	20	37.5	30.0	20.0

Table 4c - Decreases in the distribution of women secondary school headteachers in local authorities over time order by proportion (descending)

% of women Local Greater % of women % of women % of women authority Metropolitan secondary secondary secondary secondary difference District headteachers headteachers headteachers headteachers -2001 to or 2015-16 Region 2001 (The 2005 (Fuller, 2010 (Fuller, 2015-16 **Education** 2009) 2013) **Authorities** Directory (2001)) London Ealing 37.5 Borough 61.5 53.8 46.2 -24.0 Kensington London 0.0 & Chelsea Borough 50.0 25 25 -50.0 London 41.2 Lambeth Borough 63.6 60 46.2 -22.5

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Table 4d - Fluctuations in the distribution of women secondary school headteachers in local authorities over time

Local authority	Greater			% Difference	% Difference
	Metropolitan	% Difference	% Difference	2010 to 2015-	2001 to 2015-
	District or Region	2001 to 2005	2005 to 2010	16	16
Hackney	London Borough	31.9	-37.5	10.0	4.4
Hammersmith and	London Borough				
Fulham		-12.5	25.0	-25.0	-12.5
Haringey	London Borough	-21.8	9.1	11.2	-1.5
Hillingdon	London Borough	-7.0	32.6	-6.3	19.3
Islington	London Borough	-33.4	16.7	10.0	-6.7
Kingston-Upon-Thames	London Borough	-10.0	30.0	-14.5	5.5
Merton	London Borough	-6.9	0.0	25.0	18.1
Redbridge	London Borough	-1.9	-11.8	26.8	13.2
	Greater				
Oldham	Manchester (GMD)	6.6	40.0	-31.9	14.8
	Greater				
Stockport	Manchester (GMD)	7.1	42.9	-41.2	8.8
Knowsley	Merseyside (GMD)	18.2	32.3	-61.1	-10.6
St Helens	Merseyside (GMD)	-15.1	21.8	-17.8	-11.1
	South Yorkshire				
Rotherham	(GMD)	32.8	-12.5	-12.6	7.7
	West Yorkshire				
Calderdale	(GMD)	20.0	2.9	-12.1	10.8
Bath and North East	South-West				
Somerset	England (R)	15.4	7.6	-38.4	-15.4
	Lancashire And				
	West Yorkshire				
Blackpool	(R)	25.0	12.5	-21.4	16.1
	South-West				
Bournemouth	England (R)	20.0	-17.8	5.1	7.3
	South Central				
Bracknell Forest	England (R)	-33.4	-16.6	50.0	0.0
	South Central				
Buckinghamshire	England (R)	18.8	-26.5	3.0	-4.7
	North of England				
Durham	(R)	22.3	11.1	-15.2	18.1
	South-West				
North Somerset	England (R)	20.0	0.0	-1.8	18.2
Peterborough	East of England (R)	-23.1	-7.7	25.0	-5.8
	South-East England				
Portsmouth	(R)	5.6	-10.0	20.0	15.6
	South-East England				_
Southampton	(R)	14.3	16.7	-33.4	-2.4
Stoke-On-Trent	West Midlands (R)	23.6	0.0	-14.5	9.0
Windsor and	South Central				
Maidenhead	England (R)	22.3	-28.2	-2.1	-8.1
Worcestershire	West Midlands (R)	-9.5	23.2	-11.4	2.4

Table 5 – The distribution of women secondary school headteachers by RSC region ordered by proportion

Region	Number of secondary	% of women	Degree of	
	schools surveyed (2015-	headteachers	variance –	
	6)		LA with the	LA with the
			lowest	highest
			proportion	proportion
			Brighton and	Richmond upon
			Hove – 30%	Thames – 70%
South-East England and	_		West Sussex –	
South London	535	44.5	30%	
South Central England			Kensington &	Bracknell Forest
and NW London	483	39.1	Chelsea – 0.0%	- 66.7%
			Barking &	Thurrock – 70%
East of England and NE			Dagenham –	
London	376	38.6	18.2%	
Lancashire and West			Bury – 15.4%	Salford – 60%
Yorkshire	509	36.9		
East Midlands and the			York – 22.2%	Barnsley – 60%
Humber	382	36.4		
			Bristol – 68.2%	Bath & North
South-West England				East Somerset –
(includes Isles of Scilly)	318	35.8		15.4%
			Herefordshire -	Coventry – 56.5%
West Midlands	426	34.7	12.5%	,
			Cumbria – 21.6%	Newcastle-upon-
North of England	238	33.6		Tyne – 50%
Total (one school not				
included in Table 1)	3267	38.0		

Table 6 - The distribution of women secondary school headteachers by academy chain ordered by proportion

Name	Number of secondary schools surveyed	Women	% women	Sex of chief executive officer
Kemnal Academy Trust	15	11	73.3	female
Northern Education Trust	10	7	70.0	male
Ark Schools	18	10	55.6	female
Harris Federation	20	10	50.0	male
Oasis Community Learning	20	10	50.0	male
Academies Enterprise Trust	29	14	48.3	male
School Partnership Trust Academies	15	7	46.7	male
Ormiston Academies Trust	28	13	46.4	male
E-Act	12	5	41.7	male
United Learning	24	10	41.7	male
Academy Transformation Trust	10	4	40.0	male
Outwood Grange Academies Trust	14	5	35.7	male

Table 7 - The distribution of women secondary school headteachers by local authority in 2015 $\,$ – a complete list

Local authority London boroughs	Number of schools surveyed (2015-16)	Number of women in 2015	% of women headteachers
Barking and Dagenham	11	2	18.2
Barnet	25	10	40.0
Bexley	16	6	37.5
Brent	16	7	43.8
Bromley	18	8	44.4
Camden (ILEA)	10	6	60.0
Corporation of London			
Croydon	24	8	33.3
Ealing	16	6	37.5
Enfield	21	10	47.6
Greenwich (ILEA)	14	7	50.0
Hackney (ILEA)	15	9	60.0
Hammersmith and Fulham (ILEA)	12	3	25.0
Haringey	13	5	38.5
Harrow	12	4	33.3
Havering	19	5	26.3
Hillingdon	21	8	38.1
Hounslow	16	6	37.5
Islington (ILEA)	10	6	60.0
Kensington and Chelsea (ILEA)	6	0	0.0
Kingston-Upon-Thames	11	5	45.5
Lambeth (ILEA)	17	7	41.2
Lewisham (ILEA)	16	8	50.0
Merton	8	5	62.5
Newham	19	9	47.4
Redbridge	18	8	44.4
Richmond-Upon-Thames	10	7	70.0
Southwark (ILEA)	19	10	52.6
Sutton	14	5	35.7
Tower Hamlets (ILEA)	19	8	42.1
Waltham Forest	17	10	58.8
Wandsworth (ILEA)	11	5	45.5
Westminster (ILEA)	11	5	45.5
Total London Boroughs	485	208	42.9
Former ILEA Boroughs	160	74	46.3

Local authority - GMDs	No. of schools (2015-16)	No. of women (2015-16)	% of women headteachers
Bolton	18	6	33.3
Bury	13	2	15.4
Manchester	28	12	42.9
Oldham	14	3	21.4
Rochdale	13	6	46.2
Salford	15	9	60.0
Stockport	13	3	23.1
Tameside	15	4	26.7
Trafford	18	9	50.0
Wigan	20	8	40.0
Total Greater Manchester	167	62	37.1
Knowsley	6	1	16.7
Liverpool	31	14	45.2
Sefton	19	4	21.1
St Helens	9	2	22.2
Wirral	21	8	38.1
Total Merseyside	86	29	33.7
Barnsley	10	6	60.0
Doncaster	18	10	55.6
Rotherham	16	5	31.3
Sheffield	26	12	46.2
Total South Yorkshire	70	33	47.1
Gateshead	10	3	30.0
Newcastle-Upon-Tyne	12	6	50.0
North Tyneside	12	4	33.3
South Tyneside	9	4	44.4
Sunderland	18	6	33.3
Total Tyne and Wear	61	23	37.7
Birmingham	81	38	46.9
Coventry	23	13	56.5
Dudley	20	5	25.0
Sandwell	18	3	16.7
Solihull	14	7	50.0
Walsall	19	6	31.6
Wolverhampton	20	9	45.0
Total West Midlands	195	81	41.5
Bradford	34	15	44.1
Calderdale	13	4	30.8
Kirklees	26	14	53.8
Leeds	40	14	35.0
Wakefield	18	9	50.0
Total West Yorkshire	131	56	42.7
Total GMDs	710	284	40.0

Local authority - NMDs	No. of schools (2015-16)	No. of women (2015-16)	% of women headteachers
Bath and North East Somerset	13	2	15.4
Bedfordshire	16	3	18.8
Bedford Borough Council	8	2	25.0
Blackburn with Darwen	10	3	30.0
Blackpool	7	2	28.6
Bournemouth	11	3	27.3
Bracknell Forest	6	4	66.7
Brighton and Hove	10	3	30.0
Bristol	22	15	68.2
Buckinghamshire	37	12	32.4
Cambridgeshire	32	11	34.4
Cheshire East	25	7	28.0
Chester West and Chester Council	19	7	36.8
Cornwall	32	14	43.8
Cumbria	37	8	21.6
Darlington	8	5	62.5
Derby	16	6	37.5
Derbyshire	45	14	31.1
Devon	39	10	25.6
Dorset	22	7	31.8
Durham	34	9	26.5
East Riding of Yorkshire	18	7	38.9
East Sussex	30	13	43.3
Essex	79	30	38.0
Gloucestershire	41	11	26.8
Halton	8	4	50.0
Hampshire	70	29	41.4
Hartlepool	5	2	40.0
Herefordshire	16	2	12.5
Hertfordshire	81	26	32.1
Isle of Wight	8	3	37.5
Kent	104	53	51.0
Kingston-Upon-Hull	12	5	41.7
Lancashire	86	27	31.4
Leicester	18	8	44.4
Leicestershire	50	17	34.0
Lincolnshire	54	16	29.6
Luton	13	6	46.2
Medway Towns	18	9	50.0
Middlesborough Borough	9	4	44.4
Milton Keynes	13	6	46.2
Norfolk	54	17	31.5

Isle of Man Isles of Scilly	5 1	3 1	60.0 100.0
Total England	3266	1240	38.0
Total non-metropolitan districts	2071	748	36.1
York	9	2	22.2
Worcestershire	31	9	29.0
Wokingham	9	6	66.7
Windsor and Maidenhead	11	4	36.4
Wiltshire	31	10	32.3
West Sussex	40	12	30.0
West Berkshire	10	4	40.0
Warwickshire	35	8	22.9
Warrington	14	5	35.7
Torbay	9	3	33.3
Thurrock	10	7	70.0
Telford and Wrekin	13	3	23.1
Swindon	12	6	50.0
Surrey	55	25	45.5
Suffolk	44	17	38.6
Stoke-On-Trent	15	4	26.7
Stockton-On-Tees	13	4	30.8
Staffordshire	56	21	37.5
Southend-On-Sea	14	4	28.6
Southampton	12	4	33.3
South Gloucestershire	18	6	33.3
Somerset	29	10	34.5
Slough	14	6	42.9
Shropshire	21	6	28.6
Rutland	4	2	50.0
Redcar and Cleveland	12	5	41.7
Reading	10	6	60.0
Portsmouth	10	6	60.0
Poole	8	4	50.0
Plymouth	19	10	52.6
Peterborough	12	3	25.0
Oxfordshire	37	15	40.5
Nottinghamshire	46	12	26.1
Nottingham	16	5	31.3
Northumberland	16	7	43.8
Northamptonshire	42	18	42.9
North Yorkshire	43	13	30.2
North Somerset	11	2	18.2
North Lincolnshire	14	7	50.0
North East Lincolnshire			