#### Chapter 6 THE DEMAND DIMENSION: **CONCLUDING ISSUES AND DIRECTIONS**

This chapter brings together the different themes explored in the chapters of the report in a concluding discussion. It develops some of the overarching issues that have arisen across this analysis as a whole. These cover the following themes: schooling as more choice driven with more room for "exit"; voice as a priority issue in determining the nature of schooling; generally positive satisfaction levels and what this means for change; particular problems with secondary education; improving deficient intelligence about demand; and fundamental issues arising from the diversity of demands, especially those related to values. The chapter then locates this study in the broader "Schooling for Tomorrow" body of analysis, including the recent report on personalisation. It shows both how this report informs and is informed by this related analysis. The concluding section presents a selection from the many issues identified in this study as warranting further research, national and international.

#### Introduction

This chapter brings together the different themes explored in the chapters of the report in a concluding discussion. The report has explored different components of the demand dimension in schooling, while acknowledging aspects of demand it has not addressed. Empirical analysis is a key element of the approach taken but the nature of the evidence drawn on and the sketchy knowledge base in many countries mean that the evidence compiled has been used more to illustrate the main issues identified than to chart developments. The report has first presented a conceptual and historical overview, and then used the framework developed to discuss public and parental perceptions regarding schooling. This is followed by exploration of the expression of demand primarily by parents, through "choice" and through "voice", before turning to the student perspective.

This concluding chapter develops some of the overarching issues that have arisen across this analysis as a whole. It is not intended to be a summary, which can be found at the beginning of this report. The chapter then locates this study on demand in the broader "Schooling for Tomorrow" body of analysis and in particular the two most recently-published reports (OECD, 2006a and b). It shows both how this report informs and is informed by this related analysis. The concluding section presents a selection from the many issues identified in this study as warranting further research, national and international.

#### Selected issues arising

#### Schooling: more choice driven, more room for "exit"

This report has confirmed the long-term trend noted in the earlier OECD/CERI choice review (Hirsch, 2002). This observed that the notion of "choice" and the situation in which many families exercise an active choice over which school a child should attend, rather than taking it for granted that it will be the local one, have become a more-or-less permanent feature of education systems. This can be described, following Hirschman (1970), as the exercise of "exit". Exit strategies cover a range of different behaviours. They may be as different as parents selecting a private school for their child or students remaining absent from a class they find boring. Based on the systems looked at for this study, most offer parents the choice between public and private provision and most make provisions for the establishment of schools based on private initiative, including in recognition of value choices and beliefs. Opportunities for choice between different schools, within the public system and between public and private provision, have become the rule rather than the exception.

The equity concerns about increasing choice opportunities are familiar. This report does not permit any systematic assessment of different choice arrangements against equity criteria. But, it does confirm that better educated, middle-class parents are more likely to avail themselves of choice opportunities and send their children to the "best" school they can find. This can increase inequalities by widening the gaps between the sought-after schools and the rest. Inequalities widen too because when the most critical parents take their children from the local school, it loses the critical resource of those who tend to be the movers and shakers, *i.e.* those with most effective voice for improvement from within. There are equity arguments, on the other hand, in favour of transparent choice when this means extending to all the same room to choose as privileged parents have always

exercised, implicitly or explicitly. In addition, there are the familiar quality arguments in favour of creating greater choice as a vehicle for stimulating improvement. When choices exist, schools must then look beyond their own walls at what others - their potential "competitors" - are doing; without some room for exit to be exercised, parents and students have no threat to back up voice.

How to find the balance between exit and voice, quality and equity? An important part of the answer will be where an education system is to start with. The PISA analyses have usefully classified systems in terms of their aggregate achievement of equity and quality valuably to show inter alia that the most successful systems are able to achieve both simultaneously. In this framework of analysis, we can propose that systems with high equality but low quality may well benefit from an injection of strategies which permit exit behaviour and choice while those with high quality and low equality may be suffering from a surfeit of such strategies. This is not a matter to be decided in the abstract as so much depends on cultural factors and recent policies which have led to a country's current position in attaining equity and quality. It is to propose that the competing arguments over the costs and benefits of exit strategies play out quite differently in a system with high attainments and very wide disparities from one where the opposite prevails.

#### Voice: a priority issue in determining the nature of schooling

It is a matter of definition whether the increasing opportunities in some countries for groups of the population to create the sort of education they want - based on philosophical, religious, or ethnic grounds - should be understood as about choice or voice; it is both. The creation of diversity through different kinds of schools following particular group demands represent some of the most powerful examples of voice being exercised in education today. But they are also among the most controversial. To what extent should different socio-cultural groups regard themselves as sharing universal values and life-chances via the education system? Or should they be able to pursue their own understandings of what these should be? As outlined in Chapter 1, OECD countries are moving into relatively uncharted territory which has recast relationships between supply and demand in schooling.

"Supply-dominated" schooling is characterised first and foremost by lack of opportunity for external voice to be heard. There are plenty of examples in this report to suggest that this is the norm not the exception. It can lead to a further "vicious circle" where low parental involvement reinforces negative views from the education side that parents and the community should have only a very limited say in what goes inside schools,

who rightly perceive that schooling is not open to external influence. But there does not seem to be any signs that parents want to run schools themselves, except in extreme cases of exit (such as home schooling). And, those systems where parents already exercise a high degree of voice are likely to be those where there is greatest trust in schools and teachers as the professionals responsible for education. Expanding voice in education is thus more about finding a new balance between supply and demand than about the one displacing the other.

The opportunities for students to raise their voice are limited in almost all countries and where these opportunities exist they are often regarded as ineffective and dependent on the commitment of the teachers, which differs widely. This ineffective student voice coexists with the strong emphasis on citizenship and values in education in many countries, with concerns about low interest and participation by young people in civic life. The question then arises whether the organisation as opposed to the content of schooling is in line with the promotion of democratic values. At the same time, students themselves seem less to identify the formal say in school decision-making as their preferred form of voice as compared with being recognised as active participants in the teaching and learning. And their expectations of schooling tend to be largely conventional so that giving students greater voice would not open the floodgates to fundamental conflict with the aims of schools themselves.

## Satisfaction levels generally satisfactory – demand pressures for change?

A possibly surprising finding that comes up throughout this report is the generally high levels of reported satisfaction, though with some notable exceptions. There is a stronger belief in the value and achievements of schooling than many might expect. In many places, education is a higher public priority than other calls on the public purse. Parents with children going to school tend to be satisfied with the education their children receive and are more satisfied than other parents and the public. Again, the message is generally positive, as knowledge of or experience with education leads to higher levels of satisfaction. The general perceptions of school by students are broadly positive albeit with non-academic aspects being most appreciated and with a larger or smaller minority of students who plainly hold negative assessments.

We have outlined a framework for placing the discussion of the demand side of the equation in the interplay between expectations and satisfaction, proposing that genuine dissatisfaction will grow in proportion to the mismatch between perceived realities and initial expectations and that this dissatisfaction is a motor for change. Hence, the generally positive assessments can be read as a sign of endorsement and not as pressure for reform. There are nevertheless other factors discussed in this report with which to qualify this rosy assessment.

First, it is commonplace for the same parents and citizens to be positive about their local school and concerned about the state of education in general. Media, public and political dissatisfaction can co-exist with generally positive satisfaction levels among parents and students. Second. the groups who are typically the drivers of change – the educated middle classes – tend both to be less satisfied but also to have done best with the system as it is. Their concerns may thus be under-estimated by the overall satisfaction measures but the demands themselves will not necessarily add up to an agenda for radical change. Instead, they may be conservative in the sense of wanting first and foremost to safeguard educational privileges. Hence, third, it is inaccurate to think of the supply side as inherently conservative even if this might well describe certain school systems; indeed, perhaps paradoxically, much "demand" pressure on school systems still comes from national, state or local policy makers. Finally, fourth, the diverse group demands based on articulate linguistic, religious or philosophical grounds, as well as the strongly voiced demands from parents of special needs students, do clearly represent motors for change in ways which cut across the standard yardsticks of social background.

#### What is the problem with secondary education?

There are clear differences in the ways in which primary and secondary schooling are judged by both students and parents. Parental involvement in school life falls between the primary and secondary stages across countries as different as Finland, Hungary, England and Spain. Older students are more critical about schooling than younger ones with primary school children more satisfied than students in secondary schools. In all the countries covered, students in the higher educational tracks tend to be more satisfied than students in vocational education. Enjoyment of learning and engagement in schools decreases with age, and serious disaffection is most marked among secondary students.

Are these patterns only to be expected and explicable in terms of such factors as the onset of puberty or the greater distance from home of many secondary schools compared with the local community primary schools? Do the growing stakes of educational success as studies advance and the beckoning choices regarding higher education and the labour market necessarily reduce enjoyment? Or might it be that too often secondary education is insufficiently "demand-sensitive" and instead excessively dominated by the requirements of administrators and teachers? The focus on demand and the evidence brought together for this study suggest that there may well be in some countries problems of parental and pupil engagement that is open to reform. At the least, these differences between primary and secondary schooling invite clarification.

#### Improving deficient intelligence about demand

This review has shown the value of exploring this area and of making the evidence base more robust. If education systems wish to be both more "demand-led" and more "evidence-based", this is a terrain where there is much work to do in terms of data collection and of developing mechanisms for feeding the results into the broader debate and decision-making process. This becomes the more important when education systems are not ready to put their faith primarily on market and quasi-market mechanisms as the vehicles through which "demand" is expressed. However, the problems with market mechanisms as the primary vehicle for educational improvement and decision-making are well-known and largely confirmed by this report, particularly in terms of equity of outcomes and the limited number of stakeholders whose voice finds expression.

Hence, improved intelligence – via barometers, surveys, targeted research, and indeed the more standard tools of "consumer research" such as focus groups – can provide important information to all who are involved in education. It will never "speak for itself" nor can decisions be based on pursuit of popularity *per se*. It is rather a useful additional weapon in the armoury of decision-making in systems increasingly seeking to be more "demand-sensitive".

#### Fundamental issues - moving away from the technocratic view

Chapter 1 distinguishes between individual and collective voices in demand to ask about how far particular community demands should be met through the school system. Such a deceptively simple question raises some of the most controversial issues arising in schooling today. The diversity of demands, as David Plank underlines in his analysis prepared for this study (2005), is now rocking the equilibrium of many school systems and in ways whose outcomes cannot be readily predicted. How far is the school about system-wide integration of all populations and nation-building, part from any specific academic ambitions? Or else should it be the crucible for the recognition, even cultivation, of difference? Is school *par excellence* a secular institution or a legitimate place for the expression of religious beliefs? More generally, what is education for and within that the specific

role of the formal public school? Enhancing sensitivity to parental and community demands goes straight into these fundamental questions.

We would not pretend that these questions had disappeared in educational debates and are only now resurfacing. Rather, an enhanced role for and the diversity of demands move the spotlight on from the complicated but contained set of goals to do with improvement, efficiency and equity seen as within the control of "the system" and open to technocratic solution. Education authorities are now in a much more complex situation as regards the making of policy. On the one hand, the growing research and knowledge base fosters the expectations that policies should be evidence-informed. Simple brews of hunch and ideology are not adequate foundations of policy. On the other hand, the greater room for local decision-making (the supply side) and the growing pressure to recognise diverse demands about what education is for means that mechanistic approaches of levers and planned designs become increasingly unattainable. The expectation of being able to control change grows just as the means to do so move out in myriad directions. The demand dimension is both an expression and a cause of this new complexity.

#### Demand and related "Schooling for Tomorrow" analyses<sup>1</sup>

#### The overarching trends and dynamics

The fundamental issues discussed above are integral to the two overarching trends proposed by Saussois (2006). These are, first, the development of educational systems from more societal to more individual orientations; second, the movement from closed and bureaucratic systems towards more open systems characterised by a new professionalism (see Figure 6.1.)

<sup>&</sup>lt;sup>1</sup> The recently-published "Schooling for Tomorrow" volume on educational futures thinking (2006b) contains an analysis by Jean-Michel Saussois which is framed in terms of demand and supply. It is both relevant for and informed by this volume. The other recently-published "Schooling for Tomorrow" report on "personalisation" (OECD, 2006a) is particularly related to the issues covered in this volume. Personalisation has arisen at different points in the preceding discussion; indeed, it can be characterised in terms of the responsiveness of the learning provision – the "supply" – to the manifold demands coming from learners and their families.

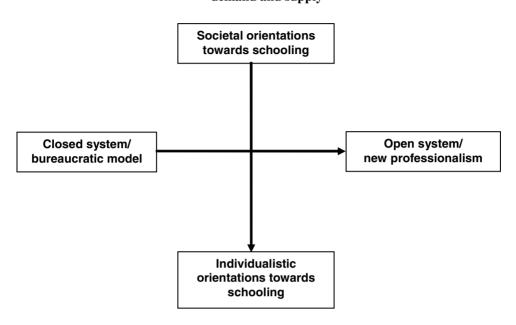


Figure 6.1. A framework to address the dynamics of educational change: demand and supply

Source: Based on Saussois (2006).

The proposed framework consists of two axes. The "demand" (or "values") axis is about what societies – including families, communities and young people – expect of schools. One polarity of this axis is where there is a strong *societal* orientation for education, with schools central as players in the collective projects of establishing cohesion, equity and social reproduction. At the other end of this axis, schools express a strong individualistic orientation, and are very mindful of their "clients" – students and their parents – as consumers. For Saussois, the central role of schools in reproducing social norms is increasingly under scrutiny - by interest and religious groups most obviously but even just parents disappointed by what is on offer and who want to educate their own children with their own values. These groups challenge the legitimacy of schools regarding social values and even knowledge. This trend is about the decline of the idea of national education as an institution: parents expect a service delivery to fulfil their child's needs and whether this is met privately or publicly is not of primary concern.

The "supply line" axis refers to the system as a recognisable entity with different types of resources as inputs and out of which come products or services. Saussois describes this as the axis of closed to open systems. At one end, educational services are delivered within *closed systems* – the rules. methods, criteria for success and so forth are determined in ways largely impervious to outside influence. At the opposite end, they are delivered within an *open system*: there is much greater variety of means in producing a given outcome, calling for considerably more organisation and management in a much more complex operation. The autonomy of schools in an open system allows initiatives coming from both inside and outside. Curriculum and programme options do not only emerge from the supply side (such as teachers proposing electives in subject matter they are familiar with), but from a negotiation of all the stakeholders with a range of different interests in and demands for schooling.

Another way of describing this "supply" axis is as that between highly bureaucratic systems, on the one hand, and much more open and flexible ones defining new forms of professionalism, on the other. As with demand, Saussois proposes that the broad underlying trend is towards more open forms of professionalism. Not all would agree with the inevitability of the trends in these directions and it remains an open question how far along either axis a current school system may be described.

However characterised, the issues covered in this report can be recast into this framework. The diversification of demand is consistent with the movement down the "demand" axis. There is both a more informed consumerism at play, in education and in public services generally, and there are stronger voices for group demands to be heard. The discussion of this report also suggests that countries are in very different places as regards the movement along the "supply" axis away from bureaucratic closure. Those systems where voice is most problematic – resentment in schools of "external interference", ineffective partnerships with parents and the community, or weak system-wide consultation on programmes – correspond to the characterisation of closure on the left-side of the diagram. A priori the trends towards greater choice and diversity suggest a shift towards more openness and new forms of professionalism. However, depending on the powers maintained by the centre, and whether the provision created through diversification is traditional or innovative, choice and diversity might as much describe a shift towards greater individualism and consumerism (moving down the figure) as a move to more open systems marked by a new professionalism (i.e. moving left to right in the diagram).

Still more recently, Mortimore<sup>2</sup> brought up the issue that giving greater opportunity for "demand" to be expressed was likely to change the aims of education and left room for two possible responses. First, greater demand sensitivity could change the aims because parents are likely to choose more instrumental ends and the already-advantaged would seek to preserve the advantages they currently enjoy. Second, it is possible that the wellestablished aims related to quality, preparation for adult life, and equity will survive intact and that the more recent aims are entirely in tune with the wishes of most parents e.g. learning to learn more effectively. He regards both as visible in the current situation so that actual outcomes will depend importantly on policy choices. He suggests that policy makers should seek to "hold the line" – balancing individual rights and societal needs. It means endeavouring to cope with "demand" before reaching the tipping point where the affluent and advantaged families opt for private schooling, thus leaving the public system for the disadvantaged and undermining the aim of an equitable society.

#### Demand and the personalisation of education

There are strong links between personalisation and the issue of "open professionalism". A major question for the personalisation agenda is whether it is possible to have a more demand-led, open system while at the same time recognising the national and broad aims of education. For some, personalisation is essentially individualistic while offering the promise in its more radical definitions to blur and integrate the two sides of the demand and supply equation. Bentley and Miller offer the notion of mass "cocreation" of education where producer and user come together and "the user (learner) is directly involved in both the design and the creation of the learning experience and outcome" (Bentley and Miller, 2006, p. 117). This begs the questions both of how equipped schools are to realise such a vision – how far already along the axis towards open professionalism – and of whether this can ever be a mass phenomenon.

It also raises critical equity issues. Some advocates are more cautious in the sense of recognising how far issues of equality of opportunity and equity intertwine with the potential gains from personalisation. "The more that personalised learning promotes self-provisioning, the more it could widen inequalities (...) The more that services become personalised, then, the more that public resources will have to be skewed towards the least well off to equalise opportunities." (Leadbeater, 2006, pp. 112-113). This report has

<sup>&</sup>lt;sup>2</sup> During the International OECD/Flanders Seminar on "Demand, Autonomy and Accountability in Schooling" held in Brussels in May 2006 to which Mortimore was chief rapporteur.

accepted that choice and voice can operate in tandem rather than necessarily in opposition to each other. But, while it does not go so far as Leadbeater in proposing that personalisation will fail without a very active public policy strategy for equalisation, this is clearly a major risk. Following the dictates of "demand" will not be enough; there is a key role for policy and "supply" to play in addressing the different advantages and disadvantages of the key stakeholders

#### The state of knowledge and issues for future research

This study has shown the sketchy nature of the evidence on demand existing as a general rule across countries (though some, such as the Nordic countries, organise regular attitude surveys). If demand is to have an impact on the educational system or on individual schools it will be important systematically to collect information and data on it. This will need to go beyond satisfaction only, which refers to existing schooling practices and so would significantly limit the reform horizon to the already-familiar.

What needs to be better understood therefore are the expectations that parents have, what it is they find important, and what they want from schooling. These are more difficult questions to answer, but they are an important means of bolstering the demand side in systems which tend to be "supply-dominated". It will not be enough just to improve knowledge about parent and student expectations, key stakeholders though they are. Employers, teachers and local communities, for instance, all have important stakes in schools and could become still more important as the missions of schools are widened. We have also stressed that it is not enough to produce such knowledge but also to develop processes for how best to use it.

As well as more systematic data to feed into policy and decisionmaking, there is need for research to analyse the complex nature of demand. This study has recognised its multi-dimensional nature. Demands are not just focused on the learning aspects of schooling but on the social aspects too, and these two are interrelated. Parents not only want the best learning outcomes for their children but they also want their children to flourish in the social context which the school provides. Research should focus on both; it needs to look beyond the classroom to include the culture and climate of the school.

Analysis should also help inform understanding of the impact of the move from supply- to demand-driven educational systems. This study identifies a number of potential negative, even vicious, circles and equity problems associated with promoting demand. As far as possible these potential problems need to be underpinned by empirical analysis. This

involves looking not only at immediate impacts but widening the focus to the mid- to long-term effects on the educational system and society as a whole. What are the trade-offs between quality gains and equity losses in promoting different forms of choice? How capable are teachers and schools to open their doors and classrooms to wider view and are there tradeoffs in this case with professional trust? What would the consequences be of listening and responding to student voice particularly about the quality of teaching and learning? On these and similar questions, the evidence base could be considerably improved.

For international comparative purposes it will be important to combine quantitative evidence on the achievement levels of students, such as collected through the OECD/PISA surveys, with a deeper understanding of the structures, processes and practices in the different countries being compared. It would be valuable to know to what extent shifting to less centrally-run, demand-led systems contributes to the achievement levels of students and this requires a detailed understanding of the systems that are being compared. Successful policies need to be understood in the context in which they are successful, because the context may be as important – through interaction with the policy being implemented – as the policy itself; simply copying one or two of the elements of the Finnish system, for instance, is not a recipe for success.

Earlier in this chapter we presented the juxtaposition of two overarching trends regarding the demand for and supply of schooling: on the one side, a posited shift from an agreed universal social mission towards a more disaggregated, consumer-driven orientation; on the other, from a bureaucratic, closed system to a more open one based on new forms of organisation and professionalism. Research could usefully refine and chart these major changes taking place, providing operational measures to capture these major sea-changes if indeed they are taking place. This study has made a contribution to this analysis through the lens of improving our understanding of the demand dimension. It is thus situated in the broader current of "Schooling for Tomorrow" analysis which will continue to chart these waters.

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