School Policies and Practices at Upper Secondary Schools in Turkey According to PISA 2009 Data

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In this study, the question “According to PISA 2009 data, what is the situation of the school policies and practices at upper secondary schools in Turkey?” was answered. Study group included 150 principals at upper secondary schools, which were taken into PISA 2009 Turkey sample. The data related to school policies and practices used in this study were derived from OECD database of which were the responses of school principals to the questions placed in the part F of the PISA 2009 school questionnaire. The dimensions of study are as follows: The considered factors in admitting students to school; grouping students; the reasons for transferring students; using assessment of student data in declaration/transparency and monitoring-developing; the methods for monitoring the practice of teachers; using assessment of student data in evaluation of teachers’ and principal’s performance. Using data from the PISA 2009, the findings suggest that equity is not taken sufficiently into account for school policies and practices, and administrative accountability is used predominantly rather than professional accountability.

Introduction

PISA (Programme for International Student Assessment) is a study in which countries presenting 90% of world economy participate to monitor the situation of basic education systems, and presents considerable data to monitor the learning outcomes and to establish an effective education system in terms of determining the needed policies and practices. Additionally, PISA provides policy makers and practitioners with useful tools to improve the quality, equity and effectiveness in education through determining the common characteristics of successful students, schools, and education systems. Without such a consideration, it seems impossible to determine the strong and weak aspects of basic education systems, and to reveal the points which should be improved and supported (Schleicher, 2007, s. 350). In turn, the data derived from PISA are vital in terms of monitoring and improving the basic education systems.

In the PISA 2009, one of the dimensions in the school questionnaire applied for the school principals has been school policies and practices. The variables placed in this dimension can be given as follows (OECD, 2011): student admission and placement policies; transferring students to other schools, accountability policies, using achievement data, monitoring teacher

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practices, schools’ autonomy, and school principals’ leadership.

Educational policy is determining the principles and actions related to educational issues designed for achieving the aims which should be requested and followed (Trowler, 2003, s. 95). In this regard, the core policies in education are shaped through the relations between education process and aims. The policy in education has a considerable impact on what happens and the experiences gained at the school. Also it should be a dialectic process because the developing policy displays continuity. During this process, all the situations which may be affected by policies should be taken into account. Besides, in the policy making process, many steps such as producing, investigating, discussing and debating, legitimating and implementing the alternatives are followed (Bell & Stevenson, 2006, p. 2-23).

A great majority of the practitioners of policies in the education are administrators and related staff at the rank level, school principals, and teachers. Nevertheless the teachers are not robots implement the commands given by the rank levels, but they decide in a social and cultural context. Thus, all policies can be changed scarcely or majorly during the implementation process (Fowler, 2000, s. 11; Mazmanian & Sabatier, 1989). For instance, when the policies established gorgeously and expansively in a capital city arrive in a rural area, they can be contravened. For that, the policies should be designed with the practices (Adams, 2008, s. 111).

School leaders can not be far from the determining policy and adapting process. Also a considerable part of their responsibilities as public employees is to seek to provide most suitable policies for the school. After deciding the policy, it should be considered that how the policy is to be implemented. Because, following the rules and new arrangements do not indicate that polices are implemented automatically. Achieving the practices depends on motivating teachers and providing them with needed resources. Since the school principals have a considerable role in developing and implementing the policies, they are expected to develop the action plans of policies, motivate teachers and other staff for collaboration, determine the needed resources, and give feedback. Consequently, today’s school leaders have a different role rather than in the past; and this requires to qualify in the public leadership (Fowler, 2000, s. 12-234).

The studies regarding PISA in Turkey in the literature can be divided into four group as follows: The studies evaluating generally the PISA (Özmusul, 2012; Ural, 2011; Köseleci Blanchy & Şaşmaz, 2011; Yağan, 2011; Çelen et. al, 2011; MEB, 2010; ERG, 2010; TEPAV, 2010; Uysal-Kolaşin & Güner, 2010; Ovaryolu, 2010; Cinoğlu, 2009; Dinçer & Uysal Kolaşin, 2009; Akkuş, 2008; Acar, 2008; MEB, 2007; MEB, 2005) the studies investigating the factors affecting reading, mathematics, and science achievement (Yılmaz Fındık, 2012; Gürsakal, 2012; Yağan vd., 2012; Yıldırım, 2012; Acar & Öğretmen, 2012; Azapagasi İlbäği, 2012; Anıl, 2011; Özer & Anıl, 2011; Anagün, 2011; Şengül, 2011; İş Güzel & Berberoğlu, 2010; MEB, 2010; Boztunç, 2010; Çelebi, 2010; Akyüz & Pala, 2010; Demir & Kılıç, 2010; Albayrak, 2009; Anıl, 2009; Anıl, 2008; Çalışkan, 2008; Çiftçi, 2006; Erbaş, 2006; Şaşmazel, 2006; Yılmaz, 2006; Aşkar & Olkun, 2005), the comparative studies (Eraslan, 2009; Akarsu, 2009; Aydın, vd. 2012) and technical studies (Asil & Gelbal, 2012; Güzeller, 2011; Uyar, 2011; Tepehan, 2011; Ayan, 2011; Seis, 2011; Aydın & Berberoglu & Baki, 2011; Asil, 2010; Demir, 2010; Atalay, 2010; Çetin, 2010; Çirici, 2009; Çet, 2006; Savran, 2004). When considering these studies, it can be said that the PISA studies in Turkey have been predominantly in the limelight of the researchers in the division of measurement and evaluation, and curriculum and instruction.
In Turkey, it can be said that the PISA data have not been sufficiently and deeply investigated in terms of educational administration. In this sense, the question “According to PISA 2009 data, what is the situation of the school policies and practices at upper secondary schools in Turkey?” was answered.

The sub questions are as follows:

What is the situation of the upper secondary schools’ policies and practices related to:

1. the considered factors in admitting students to school?
2. grouping students?
3. the reasons for transferring students?
4. using assessment of student data in declaration/transparency?
5. using assessment of student data in monitoring-developing?
6. the methods for monitoring the practice of teachers?
7. using assessment of student data in evaluation of teachers’ and principal’s performance?

**Method**

This study was performed as a descriptive research in terms of investigating the situation of upper secondary schools’ school policies and practices. In this study, a study group consisted of 150 school principals at upper secondary school was established in consequence of removing primary schools from total 170 schools taken into PISA 2009 Turkey sample. The sampling design, and procedures concerning reliability, validity, and usability of questionnaires are given explained in detail in the technical report (OECD, 2012). Table 1 shows the distribution of school principals in the study group according to school/programme types. As can be seen in the table, among the 150 school principals; 37,4 percent works at vocational schools (including Anatolian vocational schools), 38,7 percent works at general high schools, 5,3 percent works at multi programme high schools, 14,7 percent works at Anatolian high schools, 1,3 percent works at Anatolian teacher training high schools, 2 percent works at science high schools, and 0,7 percent works at Anatolian fine arts high school.

**Table 1:** Distribution of school principals in the study group according to school/programme types

<table>
<thead>
<tr>
<th>School/Programme Types</th>
<th>f</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anatolian Vocational High School; Technical High School; Anatolian Technical High School</td>
<td>1</td>
<td>0,7</td>
</tr>
<tr>
<td>Anatolian Vocational High School</td>
<td>1</td>
<td>0,7</td>
</tr>
<tr>
<td>Multi Programme High School</td>
<td>8</td>
<td>5,3</td>
</tr>
<tr>
<td>General High School</td>
<td>58</td>
<td>38,7</td>
</tr>
<tr>
<td>Anatolian High School</td>
<td>22</td>
<td>14,7</td>
</tr>
<tr>
<td>Science High School</td>
<td>3</td>
<td>2,0</td>
</tr>
<tr>
<td>Anatolian Teacher Training High School</td>
<td>2</td>
<td>1,3</td>
</tr>
<tr>
<td>Anatolian Fine Arts High School</td>
<td>1</td>
<td>0,7</td>
</tr>
<tr>
<td>Vocational High School; Anatolian Vocational High School; Technical High School; Anatolian Technical High School</td>
<td>9</td>
<td>6,0</td>
</tr>
<tr>
<td>Vocational High School; Anatolian Vocational High School; Technical High School</td>
<td>2</td>
<td>1,3</td>
</tr>
<tr>
<td>Vocational High School; Anatolian Vocational High School</td>
<td>19</td>
<td>12,7</td>
</tr>
<tr>
<td>Vocational High School; Technical High School; Anatolian Technical High School</td>
<td>7</td>
<td>4,7</td>
</tr>
<tr>
<td>Vocational High School; Anatolian Technical High School</td>
<td>5</td>
<td>3,3</td>
</tr>
<tr>
<td>Vocational High School</td>
<td>12</td>
<td>8,0</td>
</tr>
<tr>
<td>Total</td>
<td>150</td>
<td>100</td>
</tr>
</tbody>
</table>
The data related to school policies and practices used in this study were derived from OECD database of which were the responses of school principals to the questions placed in the part F of the PISA 2009 school questionnaire (OECD, 2011, p. 18-24). Additionally, the questions related to grouping students and using student achievement data were taken into the study because they associated to the policies and practices. In order to elicit the research questions, the frequency and percentage values of the responses of school principals to the school questionnaire were used.

Findings and Discussion

Table 2 shows the considered factors when students are admitted to the school. As the table indicates, when students are admitted to the school, the most considered factor (sometimes or always) is student’s academic achievement. It is followed by recommendation of feeder schools, whether the student requires or is interested in a special programme, residence in a particular area, other reasons, and finally, preference given to family members of current or former students. Furthermore, when students are admitted, the percentage of school principals reporting that other reasons are considered (sometimes or always) is 41.3. Consequently, it may argue that many unclear factors (other=?) are considered in addition to the factors given above when admitting students to the school.

Table 2: The considered factors when students are admitted to the school

<table>
<thead>
<tr>
<th>Factors</th>
<th>Never</th>
<th>Sometimes</th>
<th>Always</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residency in a particular area</td>
<td>66</td>
<td>44,0</td>
<td>21</td>
</tr>
<tr>
<td>Student’s record of academic performance</td>
<td>50</td>
<td>33,3</td>
<td>50</td>
</tr>
<tr>
<td>Recommendation of feeder schools</td>
<td>48</td>
<td>32,0</td>
<td>75</td>
</tr>
<tr>
<td>Whether the student requires or is interested in a special programme</td>
<td>52</td>
<td>34,7</td>
<td>64</td>
</tr>
<tr>
<td>Preference given to family members of current or former students</td>
<td>97</td>
<td>64,7</td>
<td>39</td>
</tr>
<tr>
<td>Other</td>
<td>62</td>
<td>41,3</td>
<td>48</td>
</tr>
</tbody>
</table>

Table 3 shows grouping students by ability. As can be seen in the table, 55 percent of school principals reports that students are grouped by ability into different classes for all subjects or some subjects. In parallel, 26,8 percent of upper secondary schools groups students by ability for all subjects. In turn, a considerable part of schools tend to have the policy of grouping students by ability. Nevertheless, this policy seems controversial in terms of equity dimension when considering that some classrooms may consist of high achievers while some classrooms may consist of low achievers.

Table 3: Grouping students by ability

<table>
<thead>
<tr>
<th>Item</th>
<th>For all subjects</th>
<th>For some subjects</th>
<th>Not for any subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students are grouped by ability into different classes</td>
<td>40</td>
<td>26,87</td>
<td>66</td>
</tr>
</tbody>
</table>

Table 4 shows using assessments of students for grouping for instructional purposes. As can be seen in the table, 73,3 percent of school principals report that assessments of students are used for grouping students for instructional purposes. This high percentage can be explained by a wide variety of types of upper secondary schools and programmes in Turkey. In addition to selecting students by central exams, on the other hand, tendency of schools to admit students according to academic performance; grouping students for instructional purposes.
may indicate a strict selection-elimination policy at upper secondary school system. A finding by OECD (2010, p. 37) suggests that there is a negative relation between the policy of selecting and grouping students and achievement. Thus, the comments made above are explicitly important.

### Table 4: Using assessments of students for grouping for instructional purposes

<table>
<thead>
<tr>
<th>Item</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>In your school, are assessments of students in &lt;national modal grade for instructional for 15-year-olds&gt; used for grouping for instructional purposes.</td>
<td>110</td>
<td>40</td>
</tr>
</tbody>
</table>

Table 5 shows the reasons for transferring students to another school. As can be seen in the table, the most likely (likely or very likely) reason for transferring students to another school is behavioural problems, and the less likely reason is low academic achievement. The most likely reason which is behavioural problems may indicate that schools tend to transfer the students with behavioural problems to another school. Only 10 percent of school principals responded *not likely* to the regarding question. In parallel, it seems remarkable that a considerable part of the school principals, 53,3 percent of study group, tends to report that the behavioural problems is the reason of transferring students to another school. Consequently, this situation may create serious pressures on the upper secondary school system and social system in terms of both the students’ sense of the school belonging and the potentially risky behaviours of students transferred to another school. Moreover, the high percentage of (64,7 % of) the school principals, who tends to report transferring students to another school because of special learning needs, may suggest that schools are unable to meet such students’ learning needs sufficiently.

### Table 5: The reasons for transferring students to another school

<table>
<thead>
<tr>
<th>Reasons</th>
<th>Not likely</th>
<th>Likely</th>
<th>Very likely</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low academic achievement</td>
<td>57</td>
<td>68</td>
<td>12</td>
</tr>
<tr>
<td>Behavioural problems</td>
<td>15</td>
<td>93</td>
<td>30</td>
</tr>
<tr>
<td>Special learning needs</td>
<td>39</td>
<td>79</td>
<td>18</td>
</tr>
<tr>
<td>Other</td>
<td>19</td>
<td>84</td>
<td>10</td>
</tr>
</tbody>
</table>

Additionally, as Table 5 indicates, the another high percentage of (62,7 % of) school principals, who tends to report transferring students to another school because of the other reasons, may indicate that there are many unclear factors in transferring students to another school. The reasons for transferring students to another school arise predominantly from changing the residence; however, many reasons can be adduced as follows: over-crowded schools, decreasing class size, suspension or expulsion policies, school selection, general academic achievement, and social climate etc. (Rumberger, 2003, s. 6).

Table 6 shows the purposes of using assessment of student data and achievement data in terms of declaration/transparency. As can be seen in the table, the assessment and achievement data are mostly used to provide information to parents of students on their child’s academic performance relative to other students (89,3 % of school principals reported); are least used to post publicly in terms of declaration/transparency (48 % of school principals reported). Since the high percentage of (89,3 % of) school principals, who reports the achievement data are used to provide to parents on comparatively information on students’ academic performance, may create serious pressure on both parents and students, it can be said that the upper secondary school system encounters a high cost. Moreover, since the percentage (approximately 70 %) of school principals, who reports that the information is

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provided to parents on their child’s academic performance relative to out of school benchmarks, may indicate a competition among the schools, it can increase the pressure on the teachers, administrators, and other stakeholders as well as the parents and students. On the other hand, Table 6 displays almost half (48 %) of the school principals report that achievement data are posted publicly. Because the schools have no obligation to post publicly the achievement data, it can argue that the schools which post publicly these data have good student achievement data. In turn, it can be said that the schools adopt this policy provoke competition among the schools against to the schools with low performance, and increase the pressure on the stakeholders.

**Table 6:** The purposes of using assessment of student data and achievement data in terms of declaration/transparency

<table>
<thead>
<tr>
<th>The items</th>
<th>Yes</th>
<th>No</th>
<th>f</th>
<th>%</th>
<th>f</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>to provide information to parents of students on their child’s academic performance relative to other students</td>
<td>134</td>
<td>13</td>
<td>89,3</td>
<td>8,7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>to provide information to parents of students on their child’s academic performance relative to students in the same grade in other schools</td>
<td>102</td>
<td>44</td>
<td>68,0</td>
<td>29,3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>to provide information to parents of students on their child’s academic performance relative to national or regional &lt;benchmarks&gt;</td>
<td>104</td>
<td>42</td>
<td>69,3</td>
<td>28,0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>To compare the school with other schools</td>
<td>109</td>
<td>41</td>
<td>72,7</td>
<td>27,3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Achievement data are posted publicly (e.g. in the media)</td>
<td>72</td>
<td>77</td>
<td>48,0</td>
<td>51,3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>To compare the school to &lt;district or national&gt; performance</td>
<td>109</td>
<td>41</td>
<td>72,7</td>
<td>27,3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Table 7 shows the purposes of using assessment of student data and achievement data in terms of monitoring-developing. The assessment and achievement data are mostly used to inform parents about their child’s progress (93,3 % of school principals reported); are least used to identify aspects of instruction or the curriculum that could be improved (54 % of school principals reported) in terms of monitoring-developing. It can be said that a considerable part of the schools provide information to parents on the progress of their student. It seems that schools show a positive approach in terms of monitoring the achievement data. Additionally, when considering the percentage of school principals, who reports that achievement data are tracked over time by an administrative authority (76 %), and are used to monitor the school’s progress from year to year (82,7 %); it can be said that most of schools adopt a good policy in terms of monitoring the assessment of student data.

**Table 7:** The purposes of using assessment of student data and achievement data in terms of monitoring-developing

<table>
<thead>
<tr>
<th>The items</th>
<th>Yes</th>
<th>No</th>
<th>f</th>
<th>%</th>
<th>f</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>To inform parents about their child’s progress</td>
<td>140</td>
<td>10</td>
<td>93,3</td>
<td>6,7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>To monitor the school’s progress from year to year</td>
<td>124</td>
<td>26</td>
<td>82,7</td>
<td>17,3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Achievement data are tracked over time by an administrative authority</td>
<td>114</td>
<td>34</td>
<td>76,0</td>
<td>22,7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>To identify aspects of instruction or the curriculum that could be improved</td>
<td>81</td>
<td>69</td>
<td>54,0</td>
<td>46,0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Nevertheless, Table 7 suggests that almost half of the schools (46 % of school principals) reports that assessments of students are not used to identify aspects of instruction or the curriculum. For that, it seems that the schools do not fulfill sufficiently the duty expected from them in terms of investigating and improving the weak aspects of instruction, and implementing the principle of student centered curriculum. Also disusing the assessments of students for improving the instruction or curriculum in a considerable part of the schools may fail to consider the learning needs of some students. For that, this situation can be accepted as a reason of student failure. When investigating the literature, there is limited research on the
data usage at the schools in Turkey.

The study conducted by Demir (2009, p. 393) at the primary schools concluded that the data, except perceptual data, were collected inclusively, but the collected data, except central exam and pilot tests, were not used mostly by school administrators in the decisions for improving student achievement or developing school. Development of schools, fulfillment of the duties expected from them, and overcoming the problems depend on making an applicable strategic plan and implementing it effectively (Çalık, 2003, p. 251-252). However, the results of the studies indicate that schools in Turkey fail in strategic planning owing to the problems related to the knowledge, motivation, support, duration, budget, legal issues, and human resources etc (Çalık, 2003, s. 265; Işık & Aypay, 2004, s. 349; Memduhoğlu, & Uçar, 2012, s. 246; Yelken, Üredi & Kılıç, 2012, s. 84-87; Soydan, 2009, s. 19-20). On the other hand, the study conducted by Çalık (2003, s. 265) in Ankara revealed that high schools were more week in the strategic planning than the primary schools. The reasons for this situation, following obstacles were cited: more discipline problems, physical inadequacies, excessive student numbers, insufficient budget, and less parent support. In Turn, these obstacles seem considerable clue to reveal the reasons of inability of schools in developing/improving dimension.

Table 8 shows the methods used to monitor the practice of teachers at the school. As can be seen in the table, the most preferred method for monitoring the practice of teachers is principal or senior staff observations of lessons (86,7 % of school principals reported); the least preferred method is teacher peer review (45,3 % school principals reported). The high percentage of school principals, who reports that the observations of lessons is used mostly for monitoring the practice of teachers, may attribute to the existence of administrative accountability approaches, which determine and reward the good teachers, good schools, and good districts obtain good student achievement data, but to sanction the others obtain bad data. However, it is clear that the teacher peer review should be given predominantly at the schools when considering that teachers attend more actively to the teaching-learning process than school principals do, and they can evaluate effectively each other’s practices. Consequently, it can be said that there are mainly administrative approaches in monitoring the practices of teachers at the school, rather than professional accountability (supporting the school staff and requests of public, instead of adjusting what should be done, and how should be done).

<table>
<thead>
<tr>
<th>The methods</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tests or assessments of student achievement</td>
<td>125</td>
<td>24</td>
</tr>
<tr>
<td>Teacher peer review (of lesson plans, assessment instruments, lessons)</td>
<td>68</td>
<td>80</td>
</tr>
<tr>
<td>Principal or senior staff observations of lessons</td>
<td>130</td>
<td>18</td>
</tr>
</tbody>
</table>

Also, as Table 8 indicates, 83,3 % of school principals report that the tests or assessments of student achievement are used to monitor the practice of teachers. When considering that there are many factors affect student achievement, and the socio-economic background of student is a considerable variable among them; using test scores or similar assessments of students in monitoring the practices of teachers, may cause pressure on the teachers particularly who work at the schools having low socio-economic background, and may cause that the schools encounter the problems aroused by administrative accountability.

Table 9 shows using achievement data in evaluation of the principal’s and teachers’
performance. As can be seen in the table, the percentage of school principals (72 %) who reports that the achievement data are used in evaluation of teachers’ performance is considerably higher than the percentage of school principals (46 %) who reports the data are used in evaluation of principals’ performance. This finding may indicate that the teachers are held more responsible for student achievement rather than school principals. Additionally, it may indicate that school principals display insufficient instructional leadership in using achievement data in evaluation.

<table>
<thead>
<tr>
<th>Items</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Achievement data are used in evaluation of the principal's performance</td>
<td>69</td>
<td>81</td>
</tr>
<tr>
<td>achievement data are used in evaluation of teachers' performance</td>
<td>108</td>
<td>42</td>
</tr>
</tbody>
</table>

**Conclusions**

- When students are admitted to the school, the most considered factor is student’s academic achievement (including placement tests). It is followed by - recommendation of feeder schools, - whether the student requires or is interested in a special programme, - residence in a particular area, - other reasons, and finally, - preference given to family members of current or former students.
- More than half (55 percent) of schools place the students to the different classes in all subjects or some subjects; and a great majority (73.3 %) of them use the assessments of students to group students for instructional purposes.
- The most likely reason for transferring students to another school is behavioral problems. It is followed by - other reasons, - special learning needs, and - low academic achievement.
- The assessment of student data is mostly used to provide information to parents of students on their child’s academic performance relative to other students in terms of declaration/transparency. It is followed by - to compare the school with other schools, - to compare the school to <district or national> performance, - to provide information to parents of students on their child’s academic performance relative to national or regional <benchmarks>, - to provide information to parents of students on their child’s academic performance relative to students in the same grade in other schools, and to post publicly.
- The assessment of student data is mostly used to inform parents about their child’s progress in terms of monitoring-developing. It is followed by - to monitor the school’s progress from year to year, - to track achievement data over time by an administrative authority, and - to identify aspects of instruction or the curriculum that could be improved.
- The most preferred method for monitoring the practice of teachers is principal or senior staff observations of lessons. It is followed by - tests or assessments of student achievement, and - teacher peer review (of lesson plans, assessment instruments, lessons).
- The assessment of student data is mostly used in evaluation of teachers” performance rather than principal’s performance.
Suggestions

- When students are admitted to the school, a policy, that the students are distributed equally to schools according to their achievement situations, distribution of students with high achievement to certain schools can be prevented, and heterogeneous groups regarding achievement can be established, should be followed. Ministry of education decided in the year 2010 through a change on the Regulation on Secondary Schools, to admit the students to the upper secondary schools, which admit students without central exam, via electronic environment. Through this electronic environment, students can be placed equally to the school according to academic achievement situations in accordance with their choices. In this regard, electronic environment can be used to place equally students in the classes in accordance with normal distribution.

- Instead of placing students by ability or according to the instructional purposes at the school to the classes, through establishing heterogonous classes, additional support programme should be offered to the students with low achievement.

- To prevent that the students with special needs or behavioral problems are transferred to another school in the unnecessary conditions, and to keep them at the school: additional support programmes after school or lesson can be prepared; the criteria for each education grade can be determined in terms of increasing learning equity, and it can ensure that students pass the grades through these criteria, this process can be approached as a strategic issue under the leadership of guiding service at the school, and action plans can be prepared and implemented in accordance the strategy; the upper secondary school system can be removed from an eliminative structure, and be transformed into a structure of preparatory to the life with regard to decreasing the ratio of early leavers.

- The steps preventing the transparency policy that schools compare the assessment of student data with both intra-school and extra-school indicators should be taken, because it may cause a strict accountability approach, and also may increase existing pressure on the stakeholders. Instead of this, the assessment of student data can be shared directly with related parent without any comparisons. And a parent collaboration policy based on the individual development of students in terms of achievement should be followed.

- In monitoring the practice of teachers, a policy that concentrates on the professional development and self-evaluation of teachers. In this regard, the steps promote a teacher peer review culture at the school which means reviewing and developing of lesson plans, assessment instruments, lessons, teaching methods etc.

Acknowledgement

This study was produced from first author’s doctoral thesis entitled “According to PISA 2009 data, the Upper Secondary Schools’ School Policies and Practices, and Their Effects on Learning Outcomes” at Hacettepe University, Institute of Social Sciences.

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