

# Challenges and Obstacles Facing Primary and Secondary Education

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# What does education do in Iraq?

- Poverty is about 30%
- Uneducated people is about 18%. Majority of them are females.
- Drop out rate is 73%

















# Agenda

- **Overview**
  - **Administrative System**
  - **Infrastructure**
  - **Training and Empowerment**
  - **Information Systems**
  - **Opportunities**
  - **Financing**
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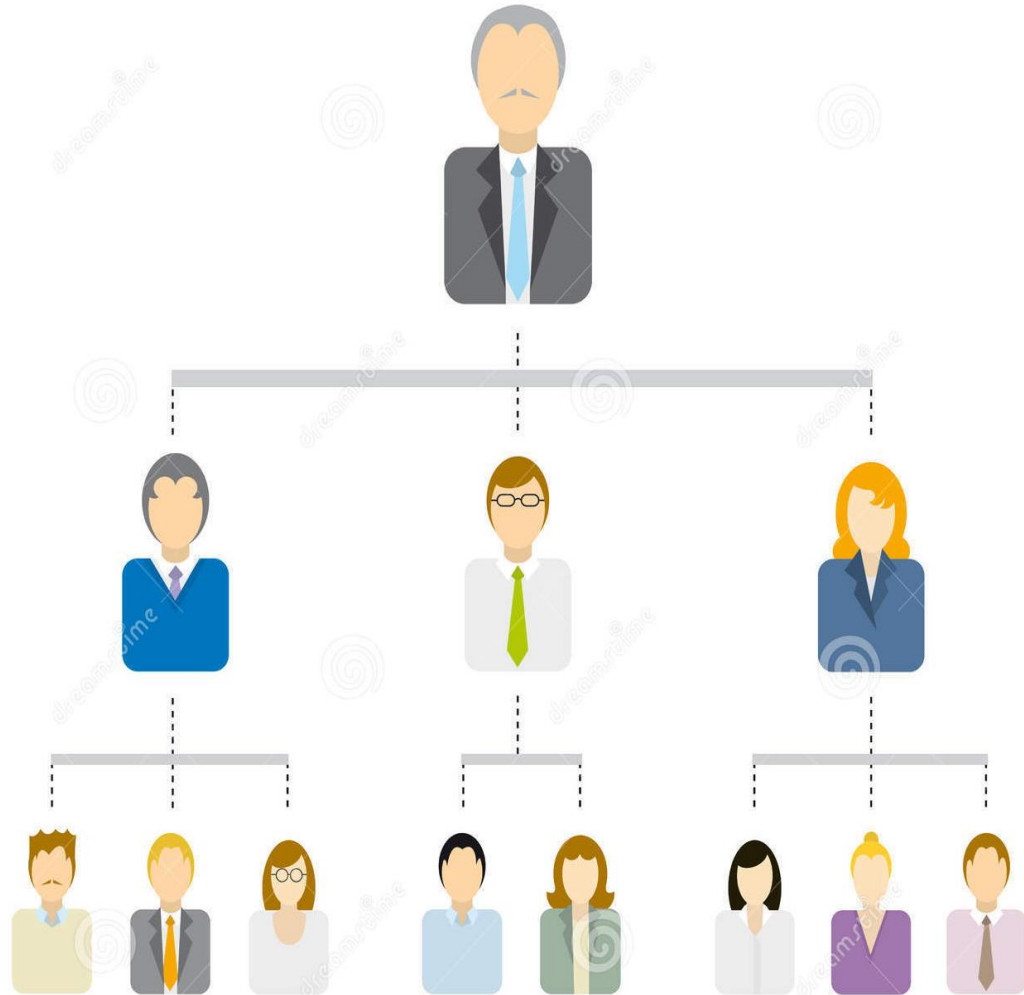


# Overview

- Six grade levels at elementary school.
- Three grade levels at middle school.
- Three grade levels at high school.
- High school (Humanities Track & Scientific Track).

# Administrative System

- Hierarchical Structure
- Bureaucratic Culture



# Infrastructure



Faculty

489988



Students

7808300



Schools

24426



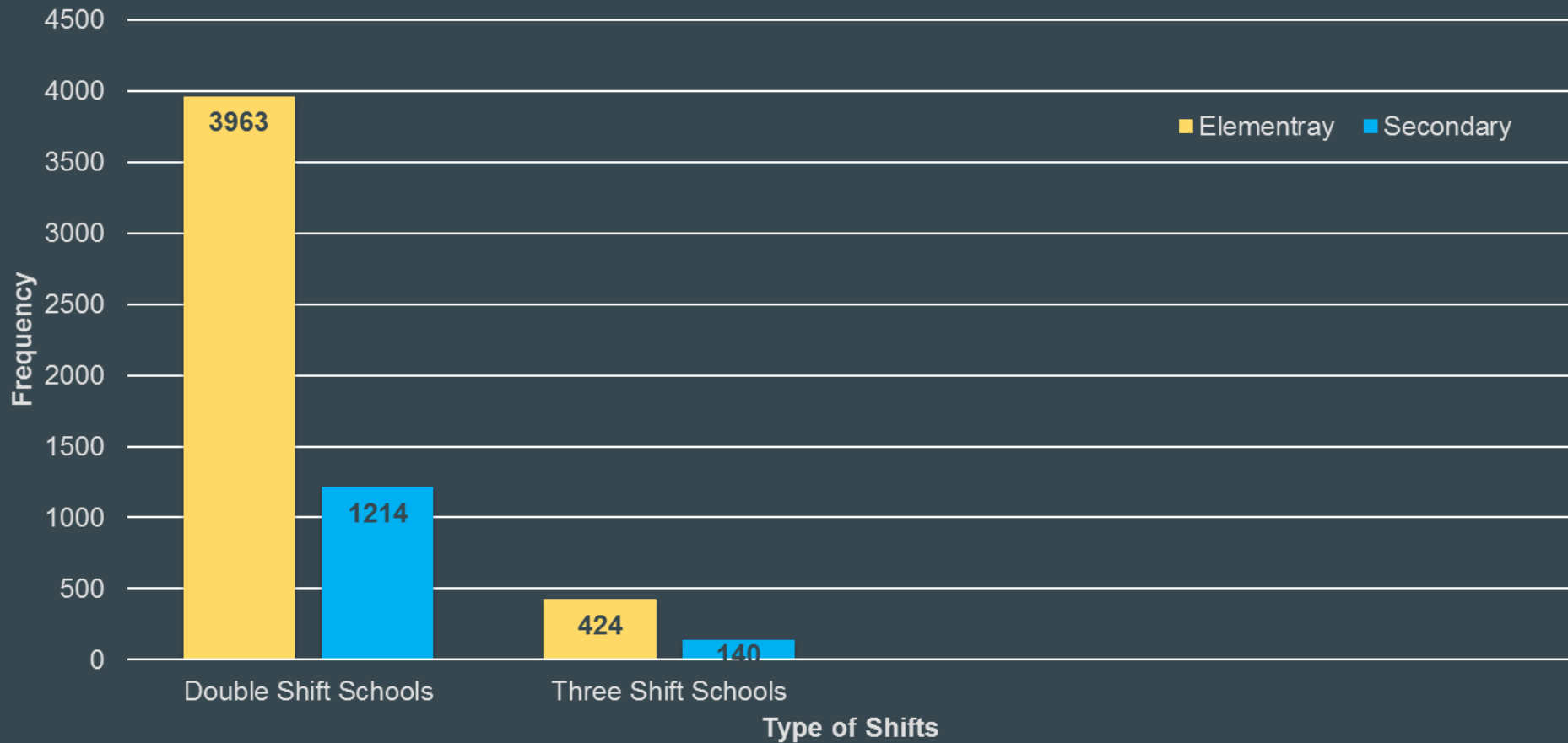
Buildings

16970

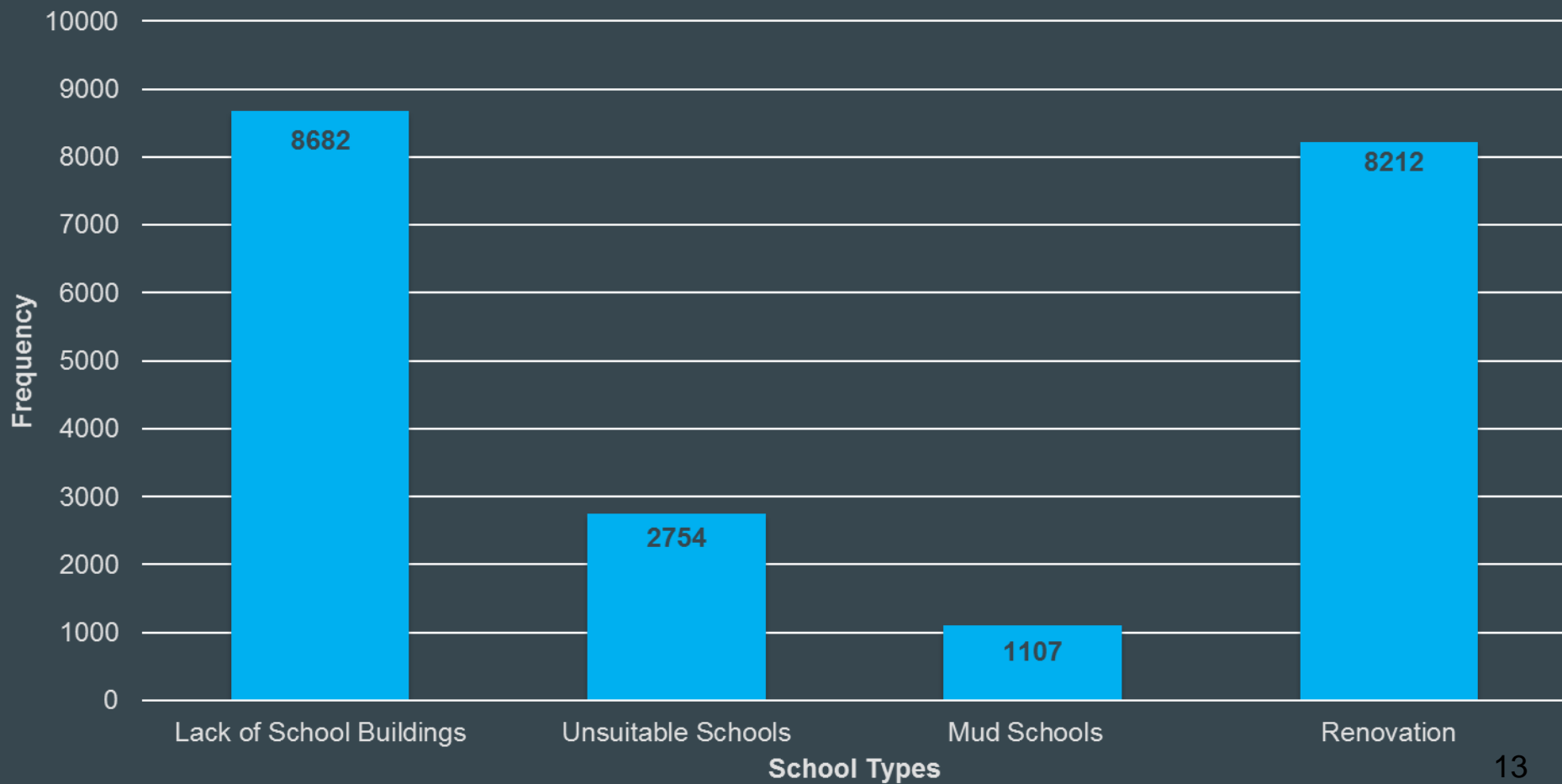
$$\frac{\text{Students}}{\text{Teacher}} = 16$$



# School Occupancy Classification



# Types of Schools



# Training and Empowerment

## Challenges

- 220,000 teachers
- School management, and child-friendly teaching methods.
- Outdated knowledge
- Using technology in teaching
- Using modern teaching methods .
- Major subjects
- Comprehensive programs for teachers' training .



# Information Systems

## Challenges

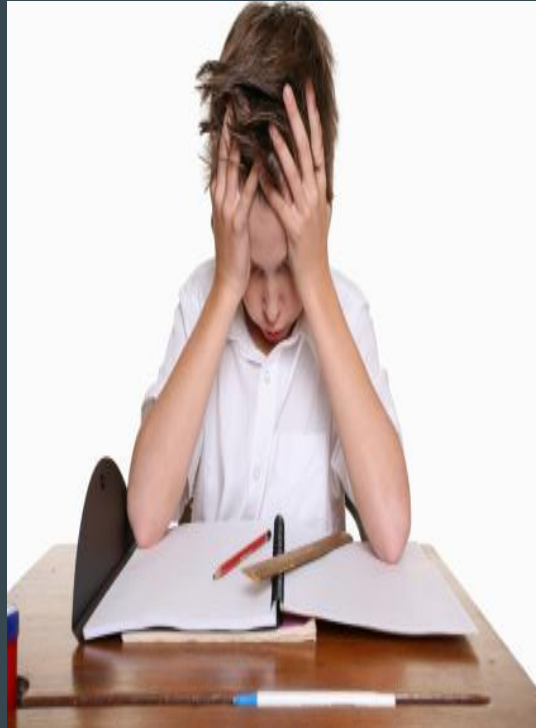
- Such this system is unable to guide education policies.
- Difficulties in identifying Problems.
- Difficulties to monitor and evaluate data.
- Unable to propose solutions.
- Unable to provide detailed and critical analysed data.

# Information Systems Cont.

## Standardized Test

### A. Achievement Test

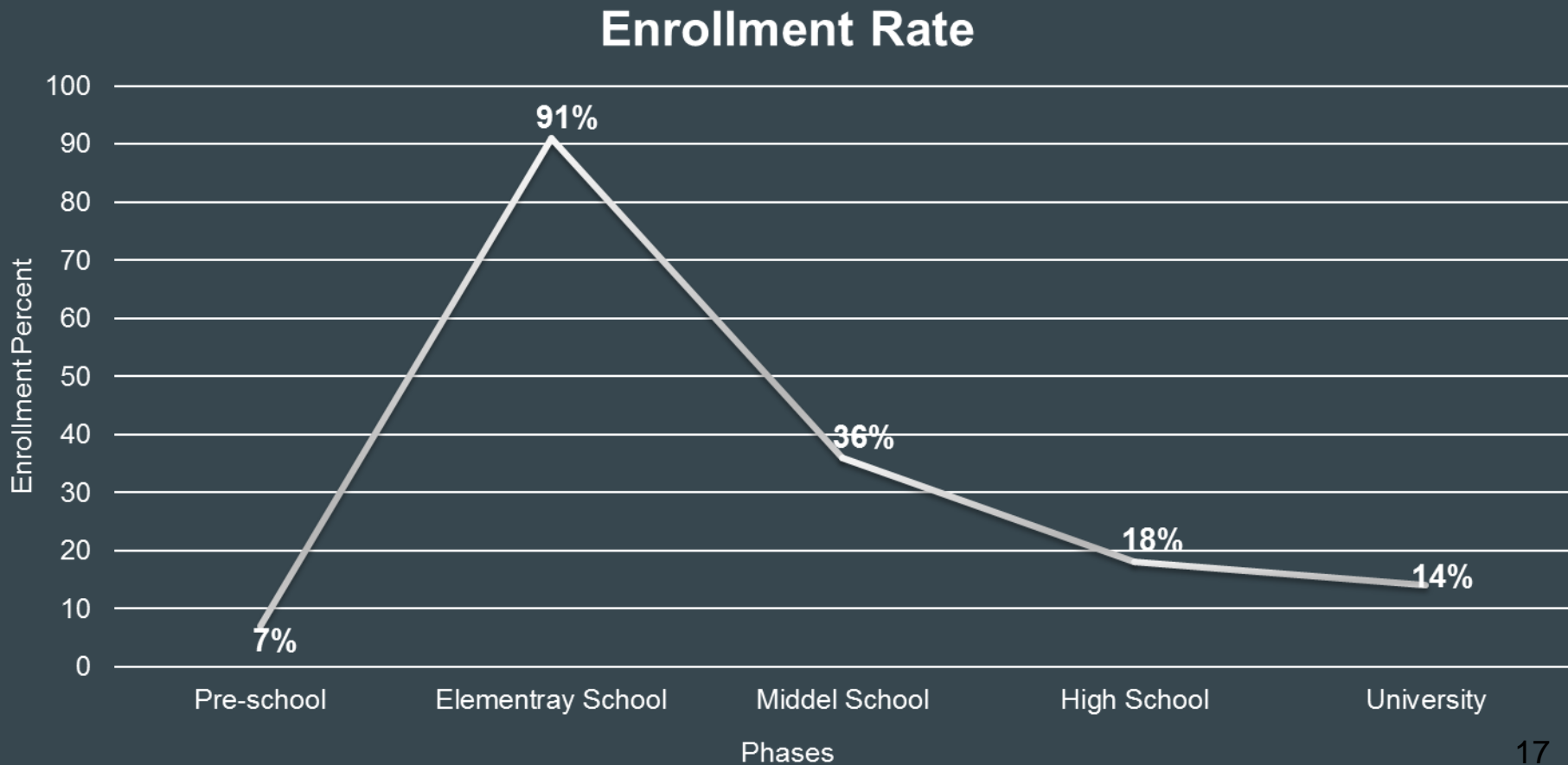
- Baccalaureate



### B. International Comparison Test

- Program for International Student Assessment (PISA)
- The Progress in International Reading Literacy Study (PIRLS)
- The Trends in International Mathematics and Science Study (TIMSS).

# Opportunities





# Opportunities Cont.

## Girls vs Boys

- Men are 51%, women are 49%
- 55.2 % boys.
- 44.8 % girls.
- This means that for every 100 boys enrolled in schools in Iraq, there are just under 89 girls.



# Opportunities Cont.

## Over Age Students

659,896 children are above the age for the grade that they are in.

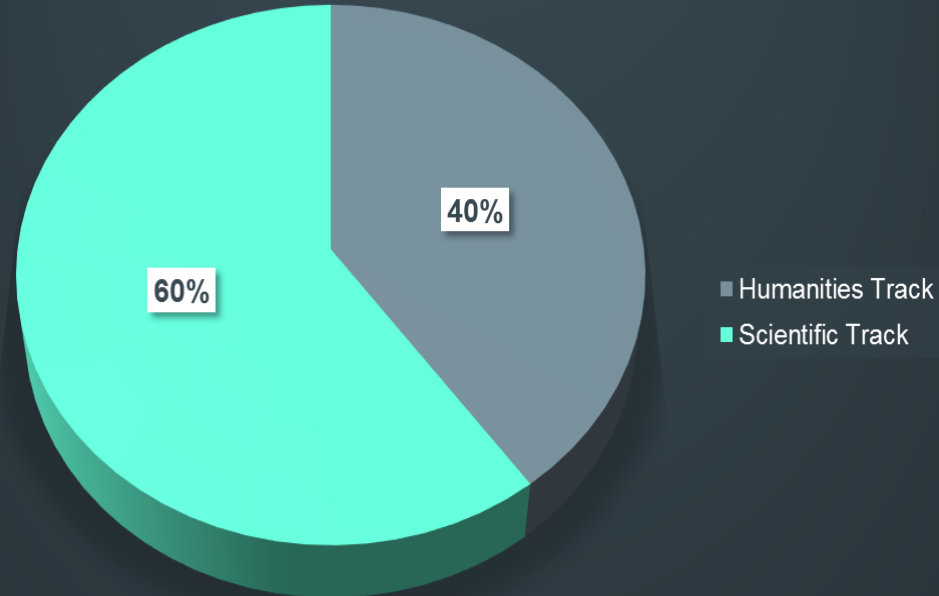


# Opportunities Cont.

## High School Phase



### Humanities Vs Scientific

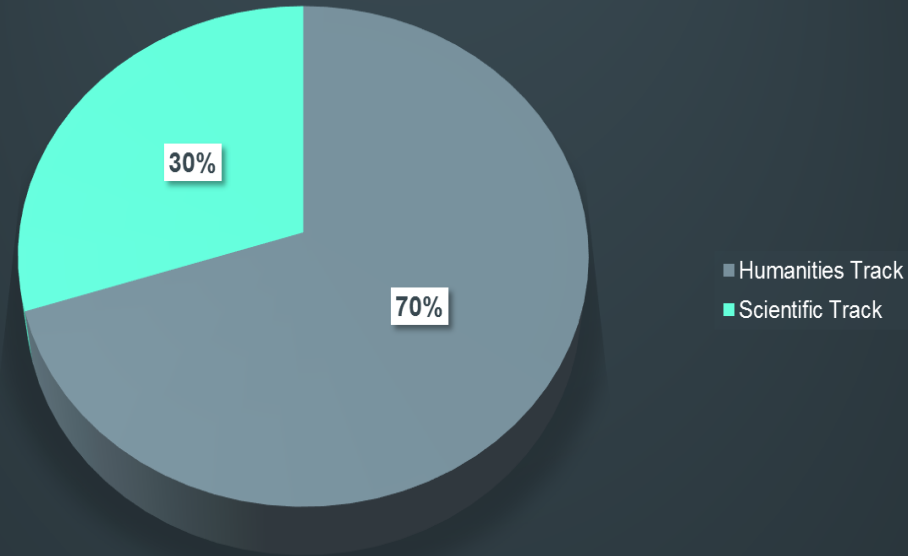


# Opportunities Cont.

## College Phase



Humanities vs Scientific



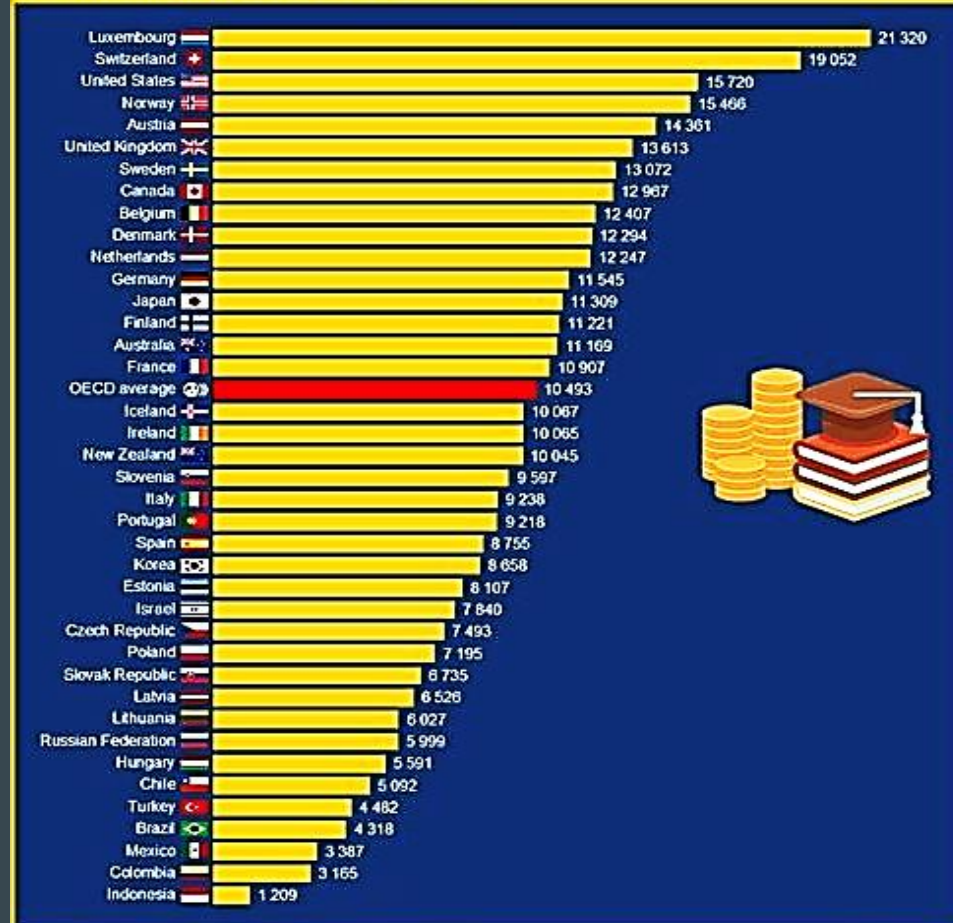
# Financing Education

- \$400 in Elementary

- \$600 in Secondary

- ❖ The Organization for Economic Cooperation and Development (OECD)

OECD countries spend \$10,493 per student per year on average on primary through tertiary educational institutions



Source: Education at a Glance 2016: OECD Indicators  
Specific information on country's data are included below the chart B1.1



# Recommendations

- Reforming administrative system.
- Increasing the budget of ministry of education.
- Designing training programs.
- Creating a new comprehensive national information system.
- Using technology in education.
- Participating in the international comparison tests.
- Attracting students in order to continue in their education.

# Conclusion

- Iraqi education faces challenges.
- Reform Iraqi education is necessary.

# References

Ministry of Education. [www.moedu.gov.iq](http://www.moedu.gov.iq)

Ministry of Planning. Education indicators. Retrieved from <http://www.mop.gov.iq/mop/>

National Strategy for Education and Higher Education in Iraq (2012) General Secretariat of the Council of Ministers. Retrieved from <http://www.cabinet.iq/ArticleShow.aspx?ID=7290>.

Unesco Office for Iraq. <http://www.unesco.org/new/en/iraq-office/education/national-education-planning-management-and-evaluation/educational-management-information-system/>

**Thank You for listening**