„Der Studentenberg“: Prognosis and reality?

Dr. Dieter Dohmen (D.Dohmen@fibs.eu)
FiBS – Institute for Education and Socio-Economic Research and Consulting
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Content

1. Introduction – KMK- and FiBS-prognoses in comparison
2. New developments, assumptions and critical issues and a new FiBS-prognosis
3. Summary and conclusions
4. Future issues
Results of former prognoses in comparison

Vorausberechnung der Studienanfänger- und Studierendenzahlen

KMK

FiBS

in Tsd.


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D.Dohmen@fibs.eu
Gegenüberstellung der Studierendenzahlen insgesamt (KMK- und FiBS-Berechnungen)

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FiBS-Var 1a: (70/40 %)
FiBS-Var 1b: (70/50 %)
FiBS-Var 2: (75/50 %)
FiBS-Var 3: (85/50 %)
KMK obere Variante
KMK untere Variante

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Results of former prognoses in comparison

Vorausberechnung der Studienanfängerzahlen

Entwicklung seit 1992
FiBS-Prognosis was largely based on KMK estimates of student enrolment numbers, i.e. same basis for prognoses.

In difference to KMK, FiBS-prognosis accounted for effects of the Bologna-process on study duration and...

... Debates in politics and universities concerning limited access to MA-programmes.

This results in shrinking total student numbers by about 25%.

However, KMK-prognosis provided floor for “Hochschulpakt I”, increasing intake capacity by 91,000 for 2007-10.
Need for a new prognosis

Number of secondary education will be higher than calculated by the previous prognosis, due to changes in school system

=> Number of young people willing to enter HE system may be higher than expected

¿ Will the number of first year students be higher than expected?
¿ What is the impact on total student numbers?
Willingness to study and alternative qualification routes (VET etc.)
## Share of students in relation to HE³

<table>
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<th>Preparedness to study (total)</th>
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Transition time to university: „Abitur“
Transition time to university: „FH-Reife“

Abbildung 6

Data for the years 1980 to 2006 is displayed over different years, showing trends for "1. Jahr", "2. Jahr", "3. Jahr", "4. Jahr", and "5.+ Jahr". The x-axis represents the years from 1980 to 2006, while the y-axis shows the transition time in years, ranging from 0 to 40.
Willingness to study and alternative qualification routes (VET etc.)
„External factors“ (returns to HE vs VET, tuition fees, financing options, labour market perspectives etc.)

„External“ supply of study places (i.a. „HE-pact II“ 2011-15/20)
„Internal“ Effects of Bologna-process on capacity, study duration, drop-out rates etc.

International mobility from and to Germany

Effects of lifelong learning, later retirement and longer working life etc. on HE system
New prognosis: enrolment

Prognosis of enrolment figures (comparison of "old" KMK- and new FiBS-calculation)

- KMK: 85 %-prognosis
- FiBS-Prognosis: 85 %
- FiBS-prognosis: 75 %
- FiBS-prognosis: 70 %
- KMR: 75 % prognosis

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New prognosis: enrolment with HE pact

Prognosis of enrolment figures (comparison of "old" KMK and new FiBS calculation)

KMK 85% - prognosis

FiBS-Prognosis: 85 %

FiBS-prognosis: 75 %

FiBS-prognosis: 70 %

KMK 75 % prognosis

till 2008: real figures

in 1,000

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Comparison of "old" KMK- and new FiBS-calculations

- KMK85%-prognosis
- KMK75%-prognosis
- FiBS-Var 3: (85/50 %)
- FiBS-Var 2: (75/50 %)
- FiBS-Var 1b: (70/50 %)
- FiBS-Var 1a: (70/35 %)

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New prognosis: student numbers

Entwicklung der Studienanfängerzahlen 2007 bis 2020
(Basisvariante mit niedriger Studieneigung)
New prognosis: student numbers

New enrolment figures 2007 to 2020
(75% prognosis)
New prognosis: student numbers

Enrolment figures 2007 to 2020
(Basic prognosis with willingness to study, Western Germany)
Enrolment figures 2007 to 2020
(Basic prognosis with willingness to study 70%; Eastern Germany)
There will be a „Studienberechtigtenberg“ and an „Absolventen-berg“ though surely no „Studentenberg“

Maximum number of students will exceed 2.0 mln only slightly
This is still valid, if the 85 %-estimate would become true
Reduction of student numbers is caused by reduction in average duration of studying and restricted access to MA-programmes
The lower the admission ratio the lower student number (and the larger the differences to the KMK-prognosis)
How does the Bologna-process impact on qualification levels?
How are BA and MA related to „old“ degree levels?

What are the consequences for the labour market and for skilled labour shortage?

If demand for HE is higher than supply, what is the impact on demand for HE in later years and for VET-systems?
How many school graduates are interested to enter HE-system?
=> How big is total demand for HE? How large is the backlog?
A more advanced prognosis should …

… account for „old applicants“

… consider the whole education and training system

… should differentiate by subject (for whole E&T system)

… should combine labour market supply and demand

…
Thank you very much for your attention.

„Der Studentenberg“ – Prognosis and reality

Dr. Dieter Dohmen (D.Dohmen@fibs.eu)
FiBS - Forschungsinstitut für Bildungs- und Sozialökonomie
Reinhardtstr. 31, D-10117 Berlin
Tel. +49 (0)30 847 122 3-10, Fax +49 (0)30 847 122 3-29