



Opportunities and Threads for Swiss Eggs and Poultry

Intl. Poultry Meeting

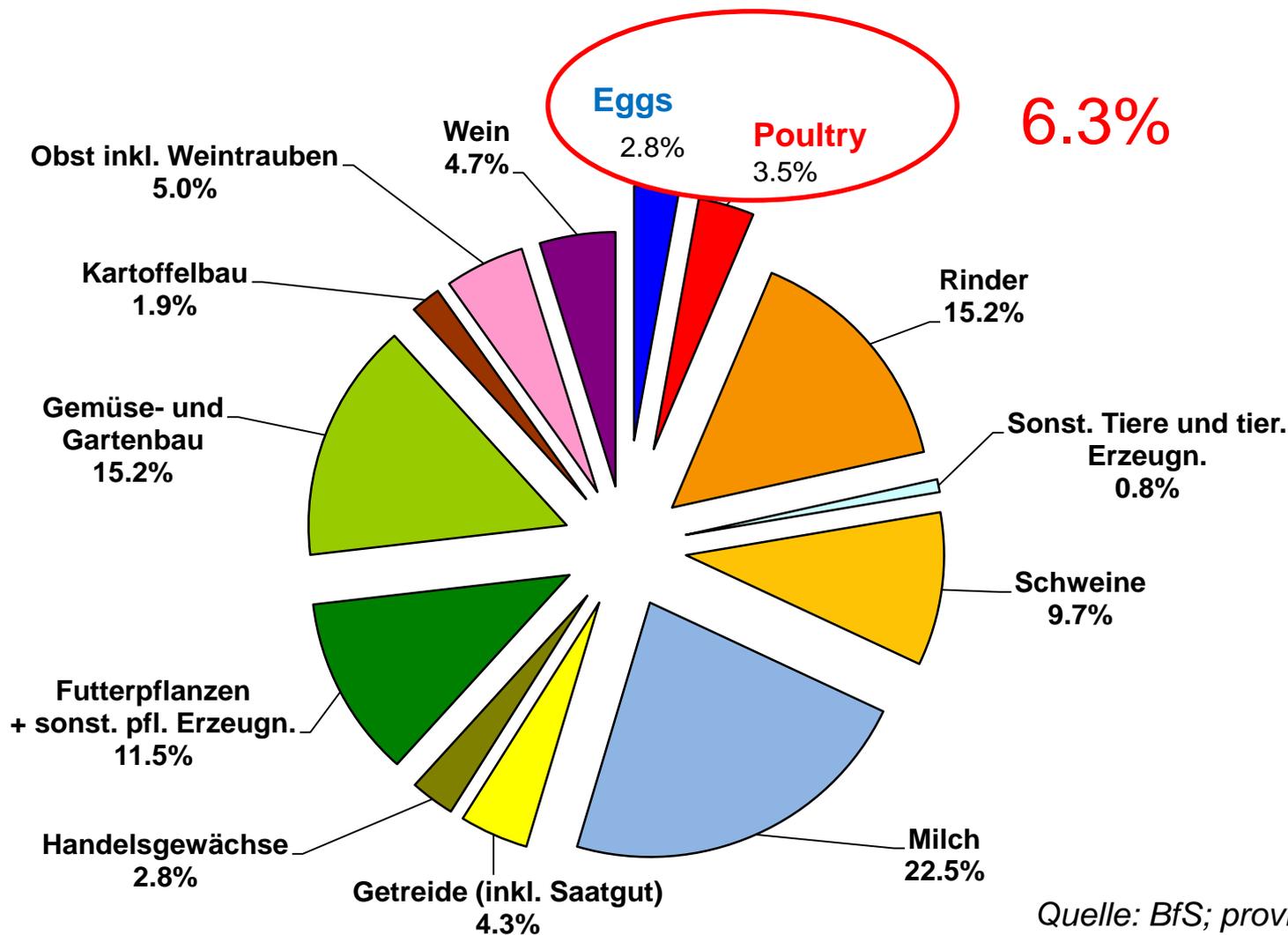
November 6th

Dublin (Ireland)

Ruedi Zweifel

- Swiss production and markets
- Animal welfare – Swiss housing conditions
- Swiss consumer behavior
- Internal topics
 - Freerange after 25 years
 - Foodborne deseases
 - Salmonella
 - Campylobacter
 - ESBL/MRSA
- Take home message

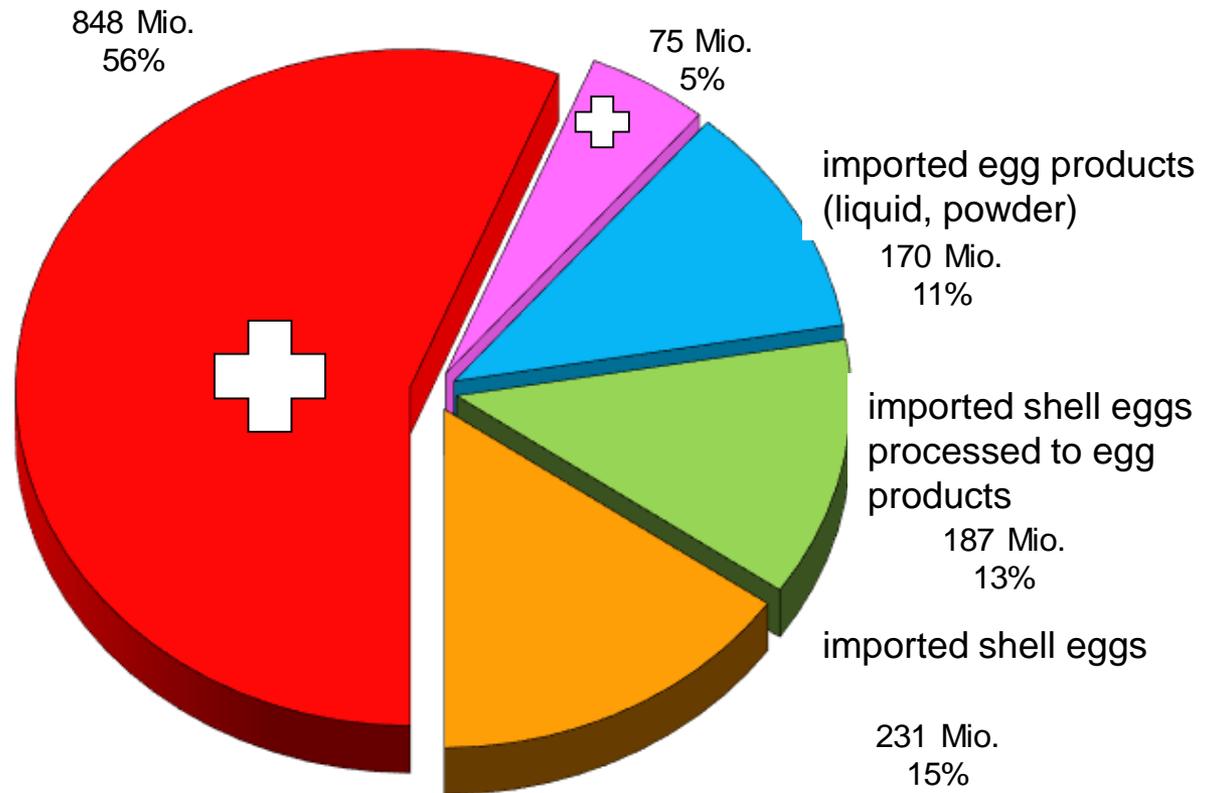
Production value Swiss agriculture 2017



Quelle: BfS; provisorisch

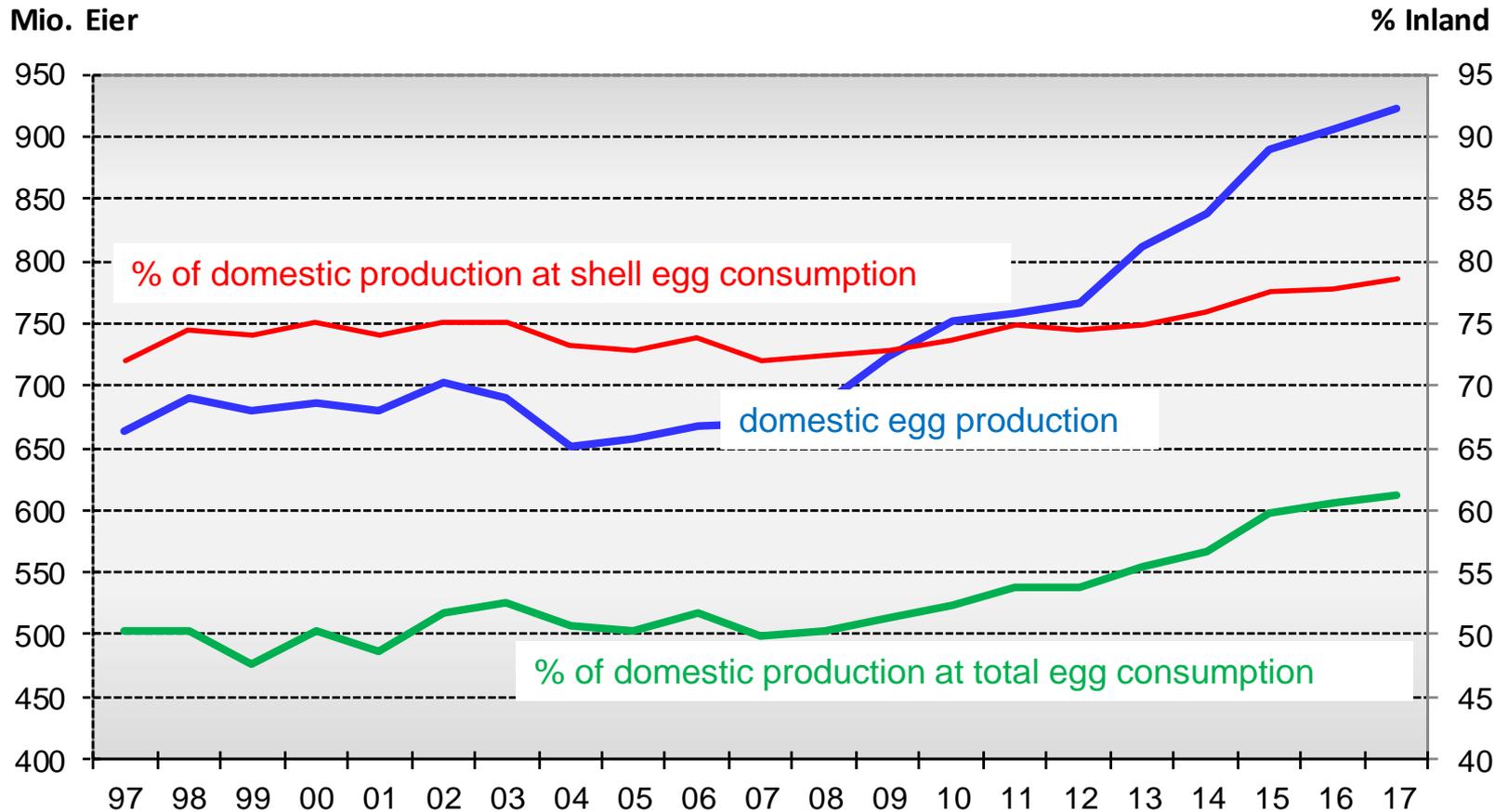
CH shell eggs

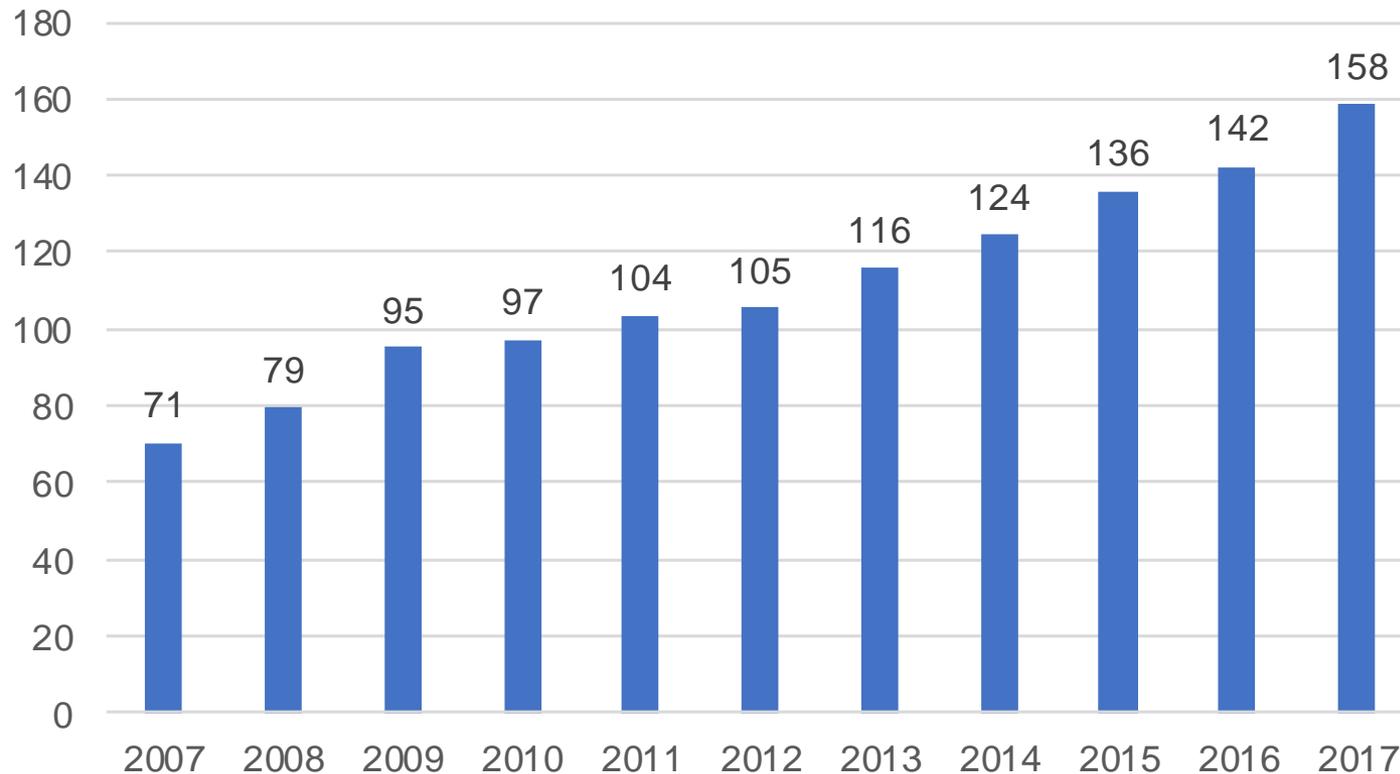
CH egg products (liquid eggs)



Percentage of domestic egg production:
 - shell eggs: 77%
 - total: 60%

Development of Swiss egg market (1997 – 2017)

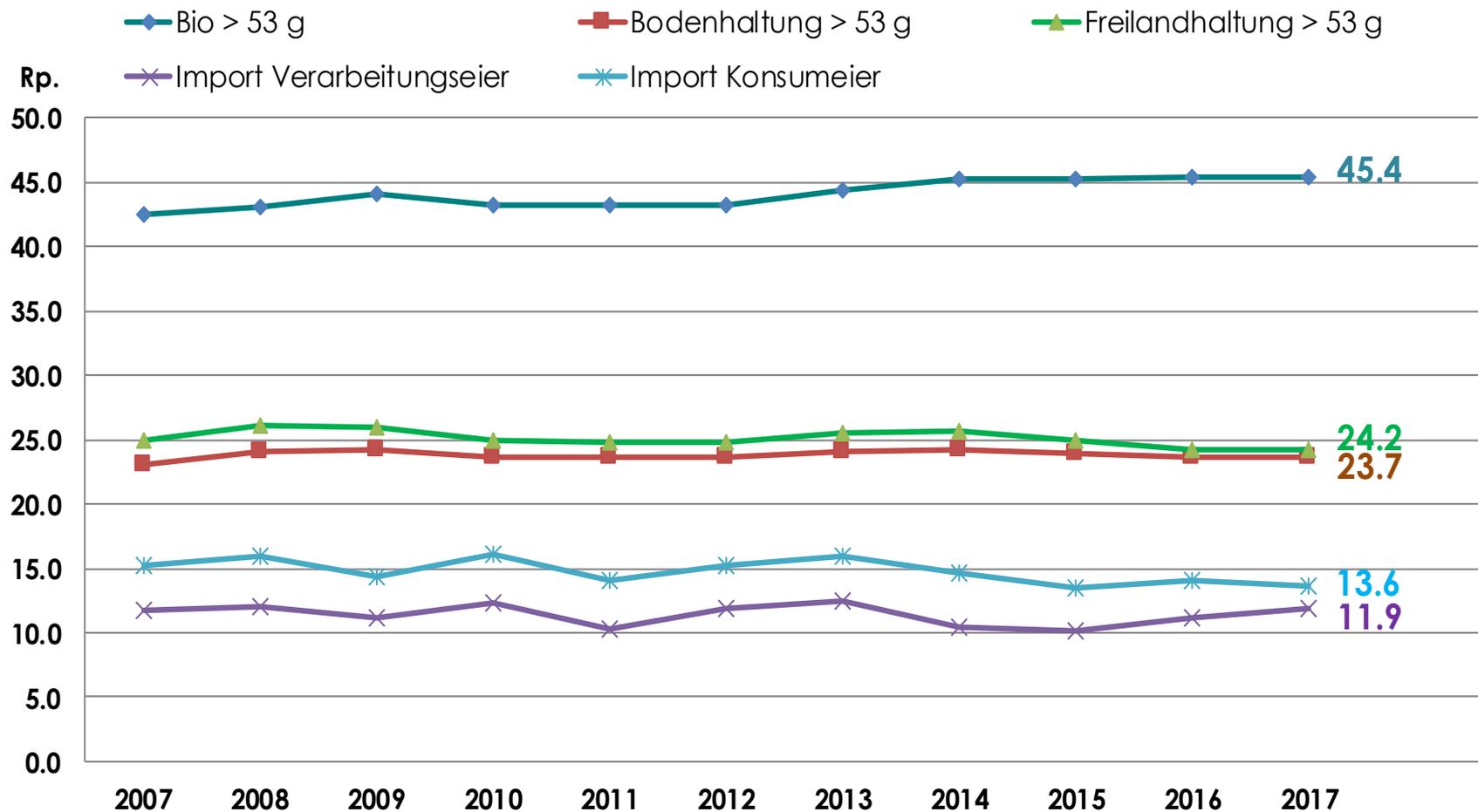


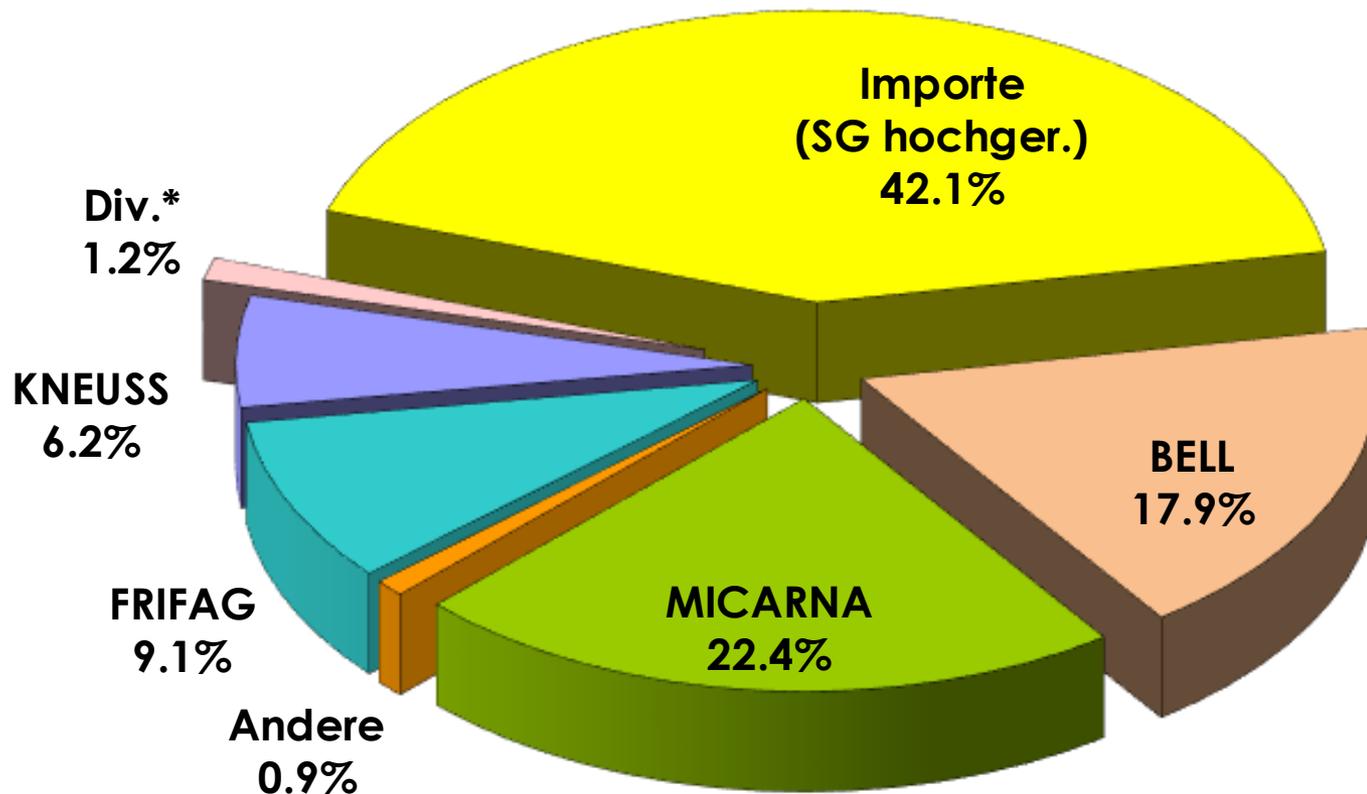


Quelle: Bio Suisse / Aviforum

Part of organic egg production in Switzerland (2017): **17.2 %**

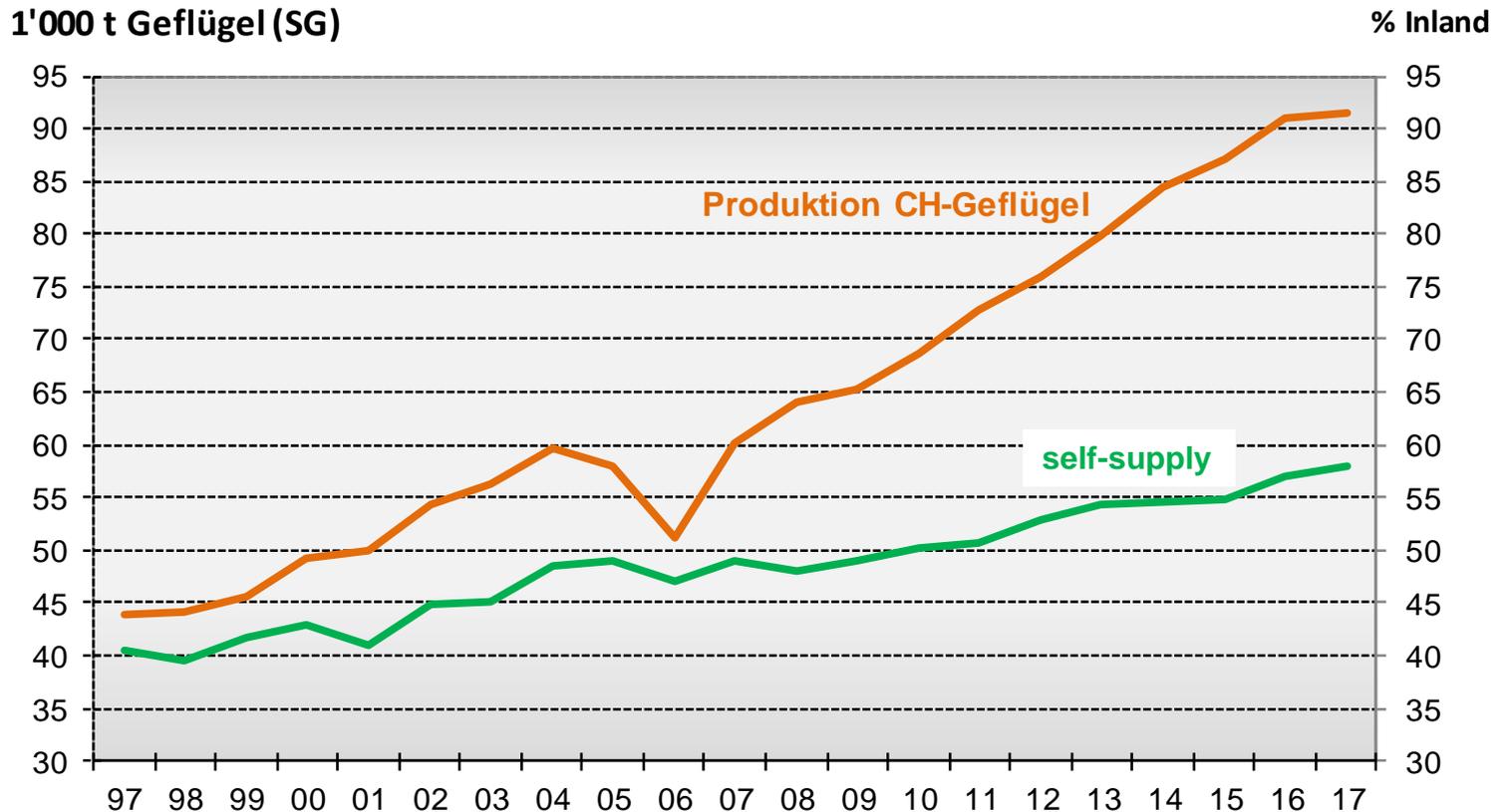
Development of egg prices: at production and imports



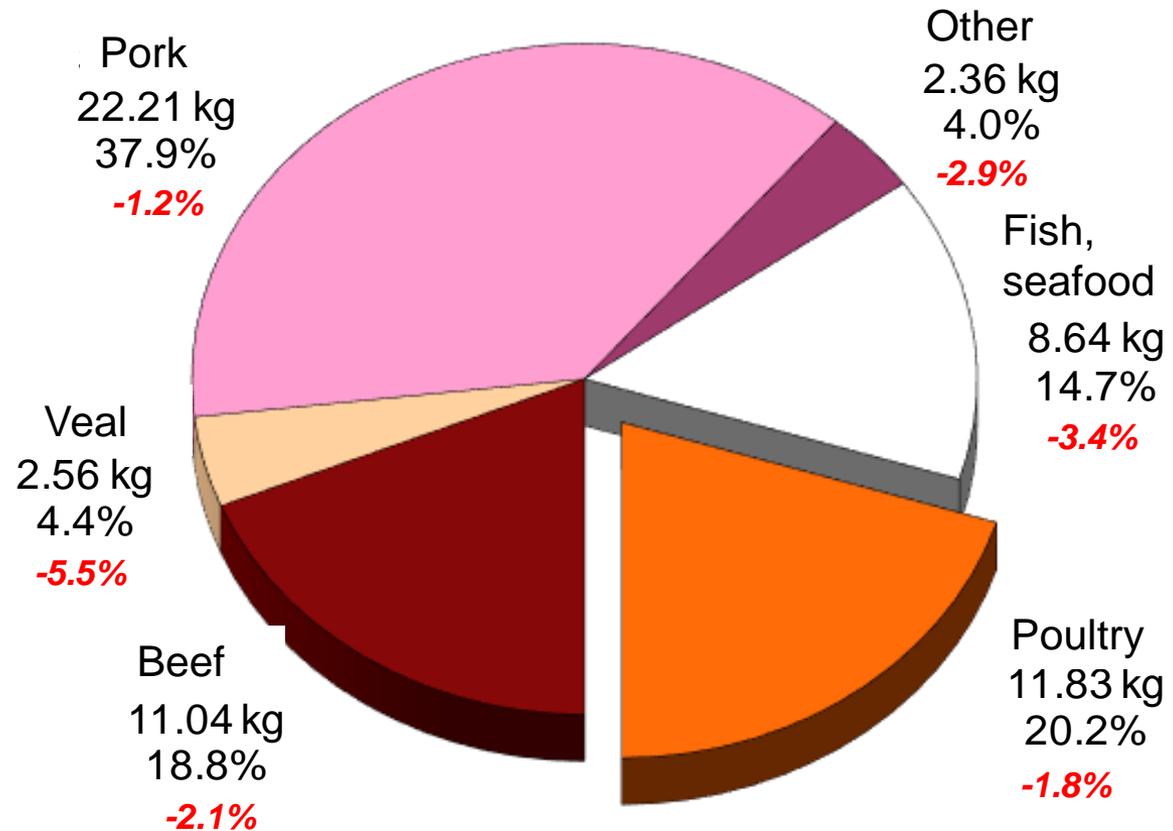


*) Suppenhennen sowie geschätzte Mengen (Eigenverbrauch, Direktvermarktung der Produzenten)

Development of Swiss poultry meat production (1997 – 2017)



Meat consumption: preference of Swiss consumers 2017

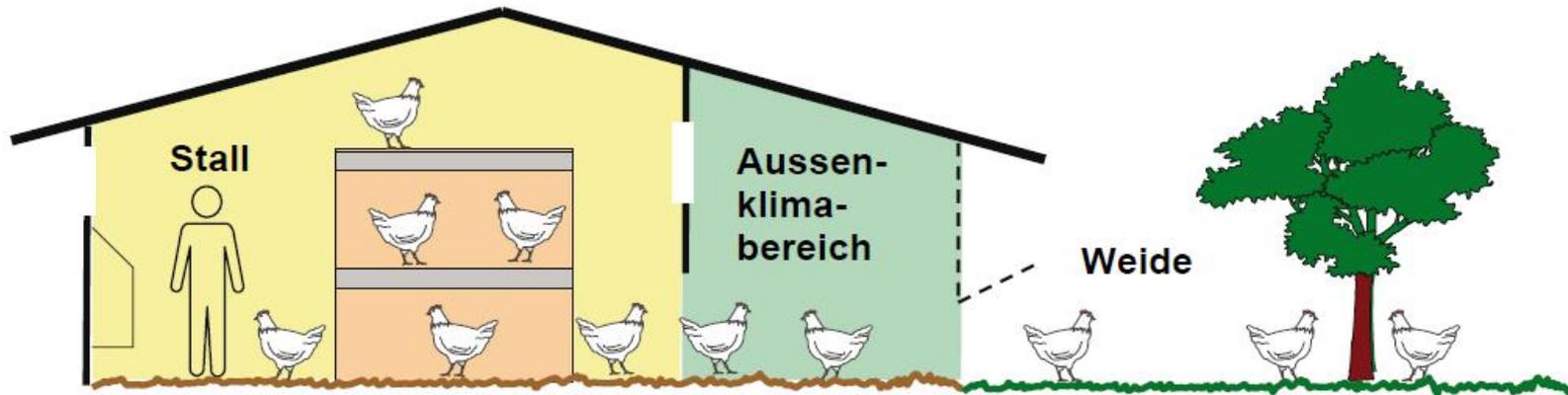


Pro-Kopf-Konsum
Geflügel Basis
Schlachtgewicht:
18.9 kg

Selbstversorgungsgrad
Geflügelfleisch: 57%

- Swiss Animal Protection Act voted by Swiss population in 1981
- Swiss Animal Protection Act and Ordinance obligatory since **01.01.1991**
 - No cages – natural behavior
 - All buildings with windows (daylight)
 - Day Night rythm (max. 16 h light)
 - Minimum space per animal
 - Limit 30 kg liveweight per m² for broilers
 - housing systems and installations may be placed on the market and sold in Switzerland only if they are licensed under the Swiss Animal Protection Act.

Housing conditions for poultry in Switzerland



Tierschutzgesetz

(← animal protection ordinance)

BTS: Besonders tierfreundliche Stallhaltung

(← particular animal friendly system)

RAUS

Regelmässiger Auslauf im Freien

(↗ regular access to pasture)

92% layers
95% broilers

76% ← participation as a percentage of total layers / broilers in 2016)
7%

CH layer standard: Animal protection ordinance



- daylight
- day/night rhythm (max. 16 hours light)
- 5 lux light intensity
- space/animal
- license for commercially sold systems

PAS for layers (particularly animal-friendly systems)



- 15 lux light intensity

- litter surface min. 20%

- outside area (= 43 m²/1000 layers)



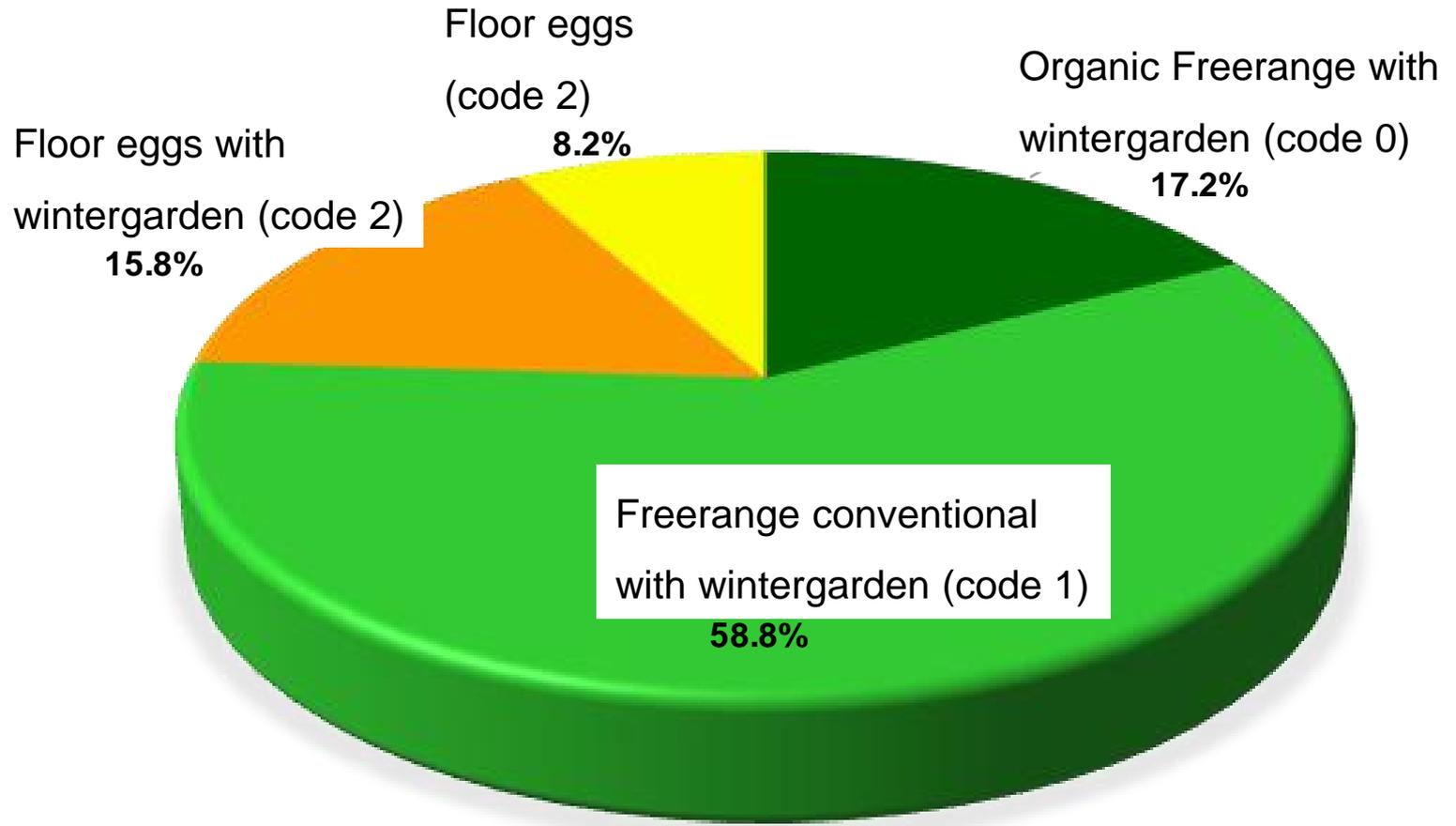
Free range for layers



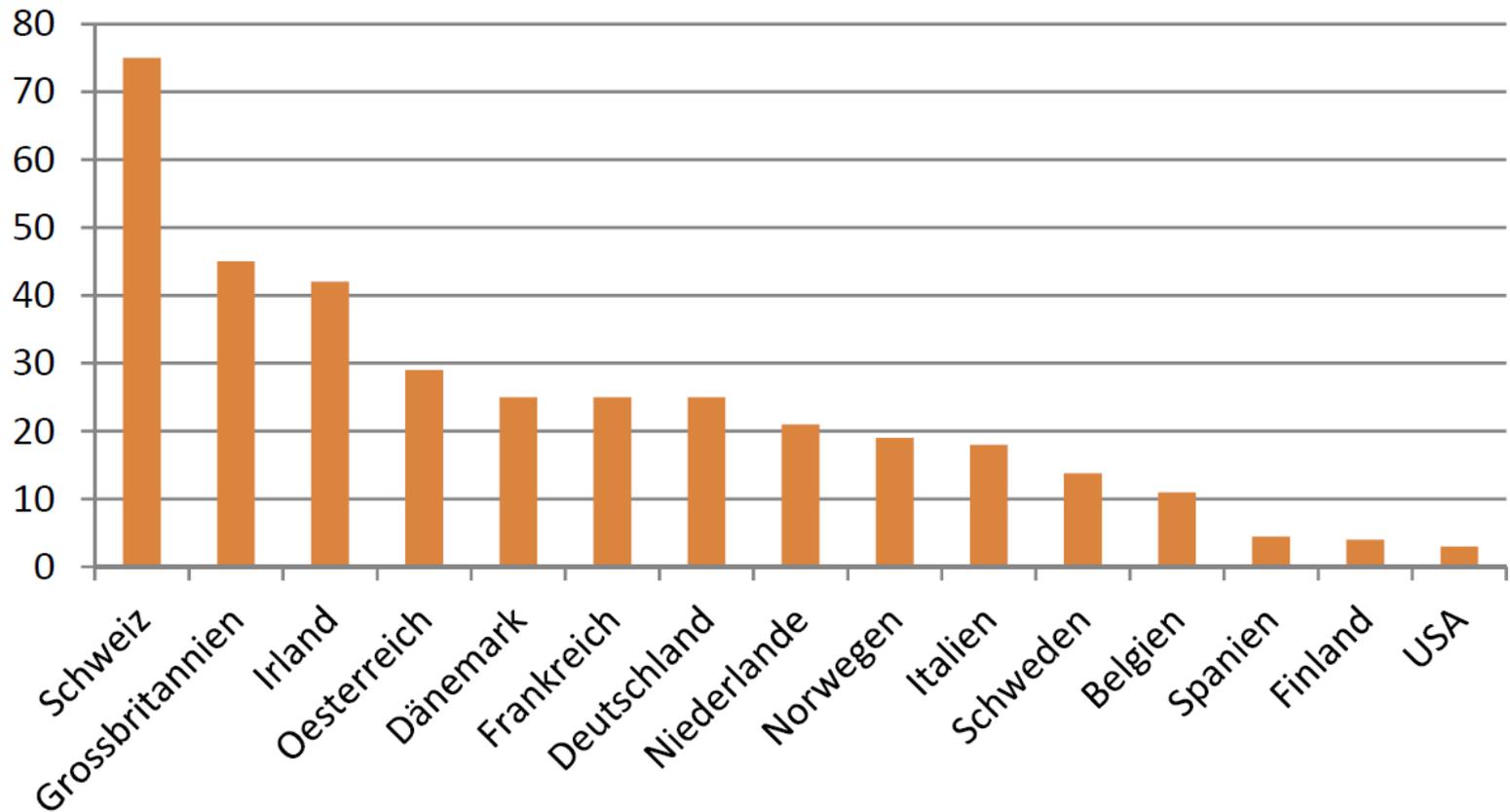
In addition to
PAS:

- pasture with structures
- voluntary
« restricted free-range area »
(accessible at any weather condition)

Parts of housing conditions for layers 2015



Percentage of free range eggs per nation



CH Standard Broiler: Animal protection ordinance



- Daylight
- Day/night rythm (max 16 h light)
- 5 Lux light intensity
- 30 kg live weight per m²

PAS for broilers



- outside area (= + 20% surface)

- litter

- 15 Lux light intensity



- elevated perching surfaces

- min. age at slaughter 31 d

Free range for broilers



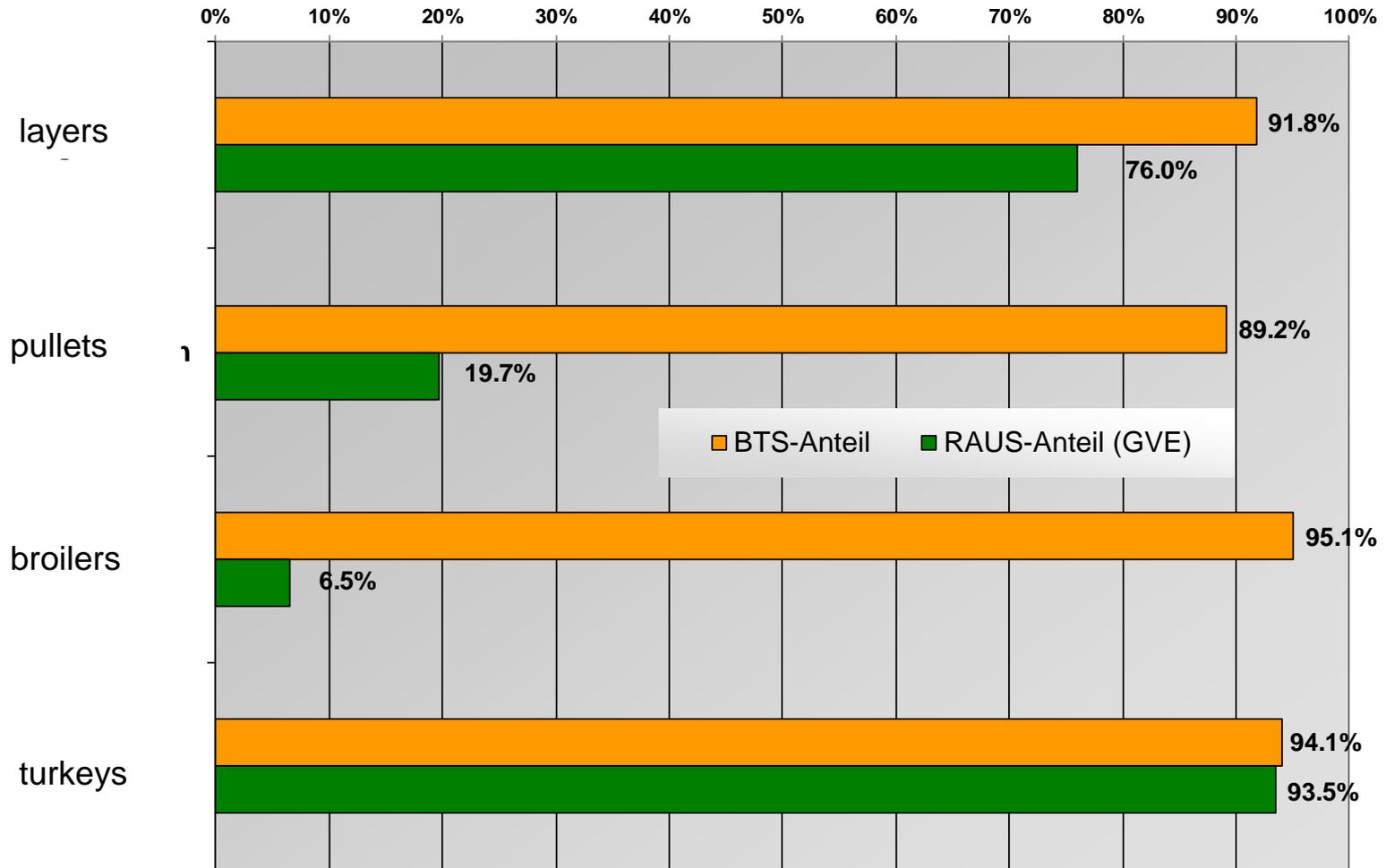
In addition to PAS:

- pasture

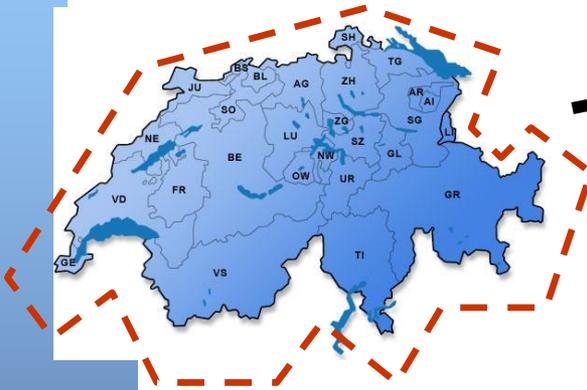
- min. age at slaughter: 56 d



Participation on animal friendly housing conditions 2016



Border Protection



Pillars of Agricultural Politics

Research, Extension Service



(Market-Support – WTO)



Direct-Payments



Structural Improvement



Bases of protection: Ordinance for agriculture

Feed ingredients: Imports
with system «price level»

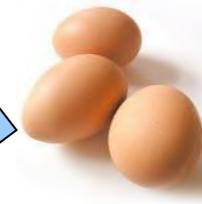
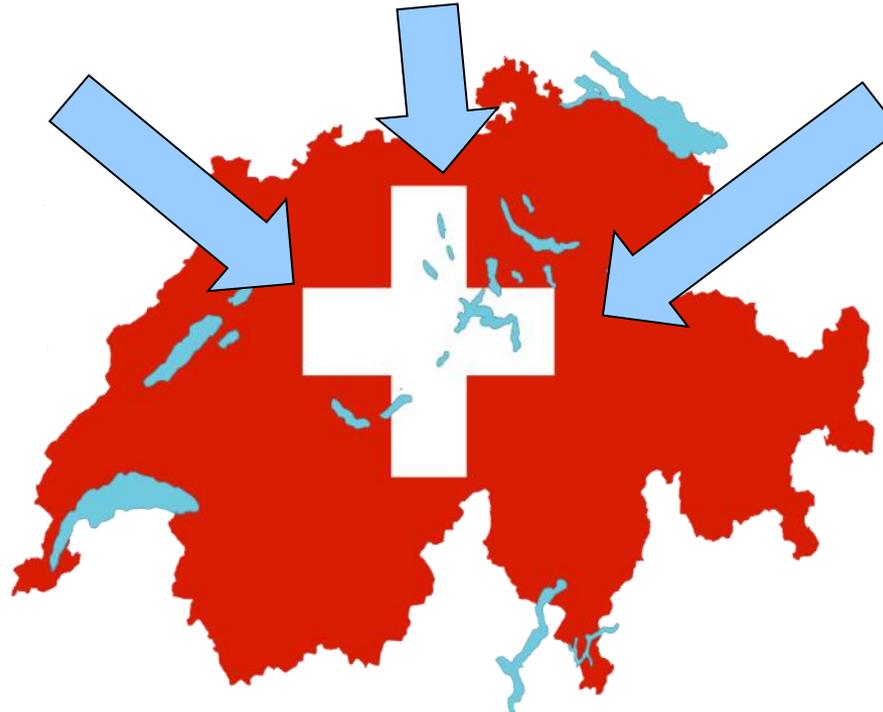
Variable taxes = difference
to Swiss fixed price



**Tarif rate quota for
white meat (OMC)**

42'200 t

**Quota is auctioned
(min. 4 times a year)**



Quota (OMC)

33'735 t

**Quota is attributed to
«first come, first
served»**



Swiss eggs and poultry:

- The origin is visible on product
- The “CH” on product is bought (75% on eggs in shell, 60% on poultry meat)
- The difference is “known”
 - ➔ animal husbandry & production
- Active communication by producers
- Food security: hygiene and prevention
- Confirmation by neutral control organisms



- Free range areas – experiences after 25 years:



gras mowing
and structures

Worm egg monitoring
every 10 weeks



- Food borne deseases
 - **Salmonella** < 1% of herds
Success of GMP procedures
Decison to erradicate in 1995
 - **Campylobacter** still a problem, seasonal high infections, no success with GMP
Divers approaches, pathogen free parentals?
 - **ESBL/MRSA** (antibiotic resistant bacterias)
Strategy by the confoederation
Human- and Veterinarian Medicin with Agriculture in commun (One health approach!)

FOUNDATION
OF SWISS POULTRY-PRODUCTION AND –HOUSING



FOR ENHANCEMENT



3 Branches of Aviforum-Activities

- Education (professional skills)
- Applied Research
- Services



Cooperation:

Agriculture and his professions:
agriculture, vegetables, eggs & poultry, fruits,
grapes and wine

die natur. unsere zukunft.
la nature. notre avenir.
la natura. il nostro futuro.

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ton métier.
la tua professione.**

«Particular animal friendly (PAS)» – layer facility

(in production
since 11.11.2009)



«PAS» - broiler house

(in production since 13.09.2010)



New barn for licensing procedures by Swiss veterinary services





Thank you for your interest in Swiss
egg and poultry production.

Questions?

