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External Body parts of Chicken

Assistant Lecturer

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1- Comb

- Comb is a fleshy growth.
- both male and female have comb.
- most common shape "**single comb**"





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2- Wattles

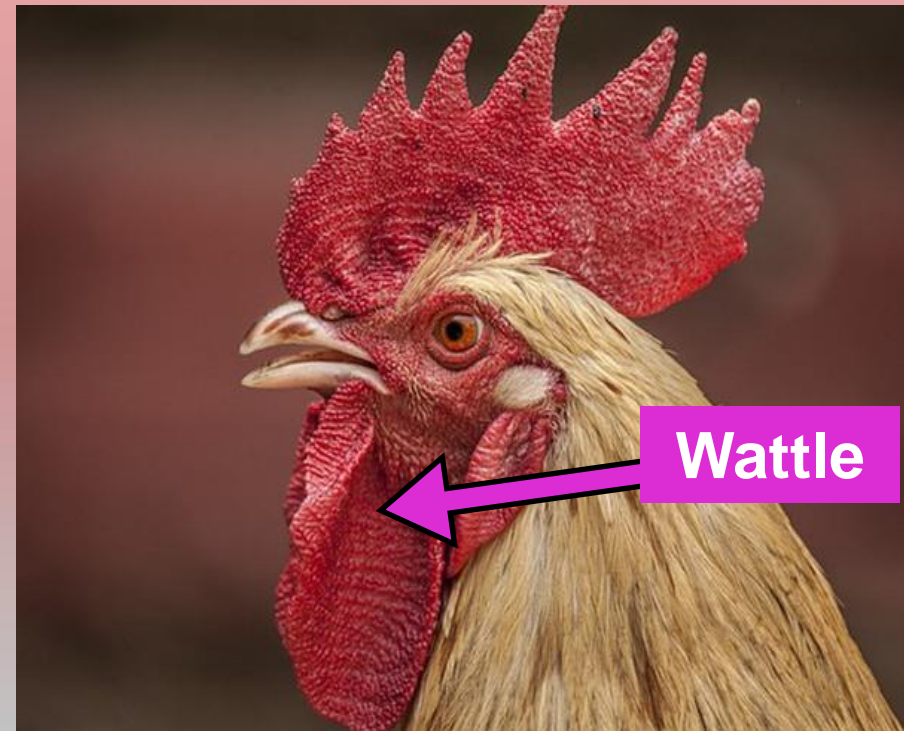
- ❑ The soft meat hanging from the two side of chicken beak is known as **wattle**.

The functions of wattle & comb is?

Cooling

Indicating health

Indicating sexual maturity





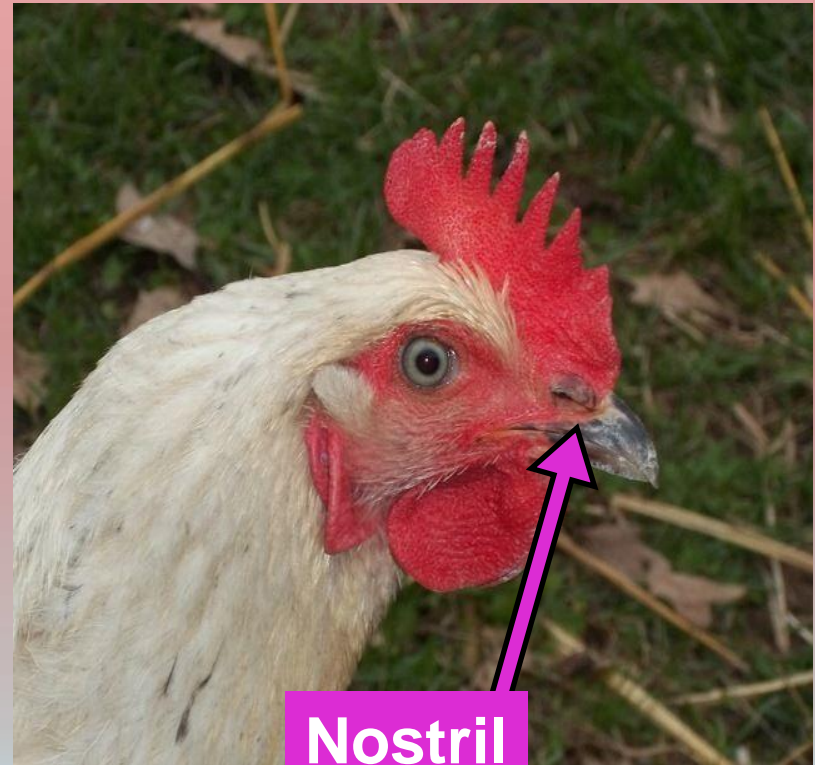
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3- Nostril

- The nostril of chicken is near on the joint place of beak and comb.





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4- Beak

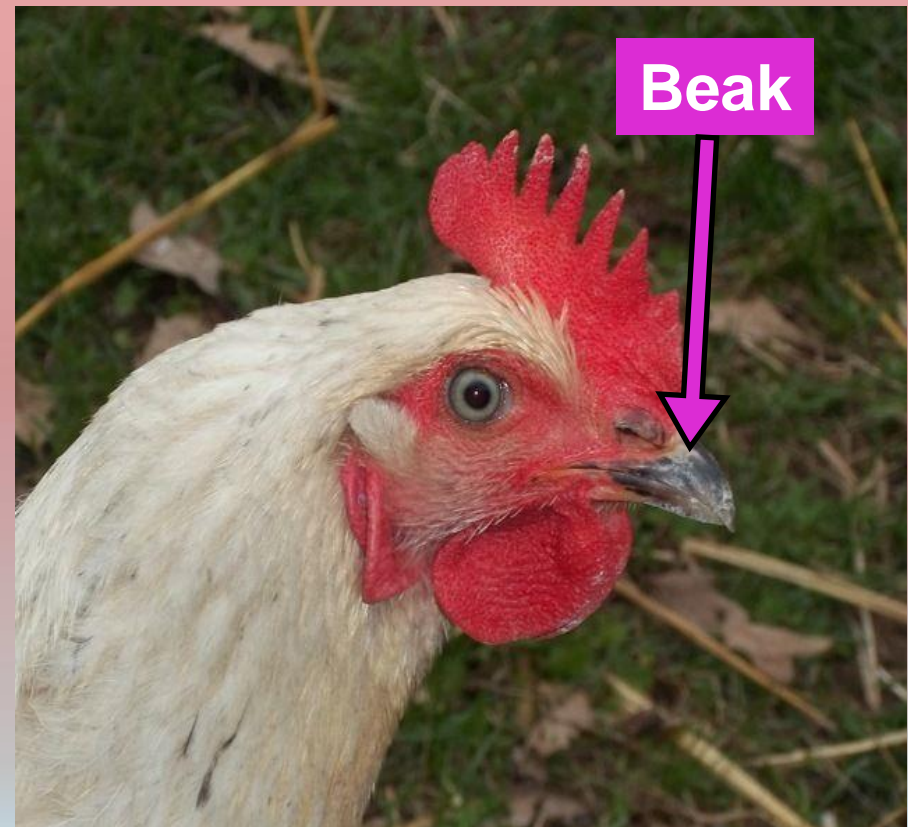
- Beak of chicken is on the front side of head.

Serve many purpose?

Eating

Feeding its young

As a weapon





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5- Ear Lobes

- The hanging skin from chicken ear is known as **ear lobe**.
- There is various colored ear lobe of chicken.
- Ear lobes can help determine what color eggs your hen will lay.





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6- wings

- ❑ The chicken has two wings.
- ❑ Chicken's **wing** has several flight feathers, the **axial** feather separates the **primary** feathers and **secondary** feathers.





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7- Tail

- Both cock and hen have a tail.
- The feather of tail of cock get curved to down when it became big sized and it looks like a **sickle**.
- Hens don't have sickle feather.





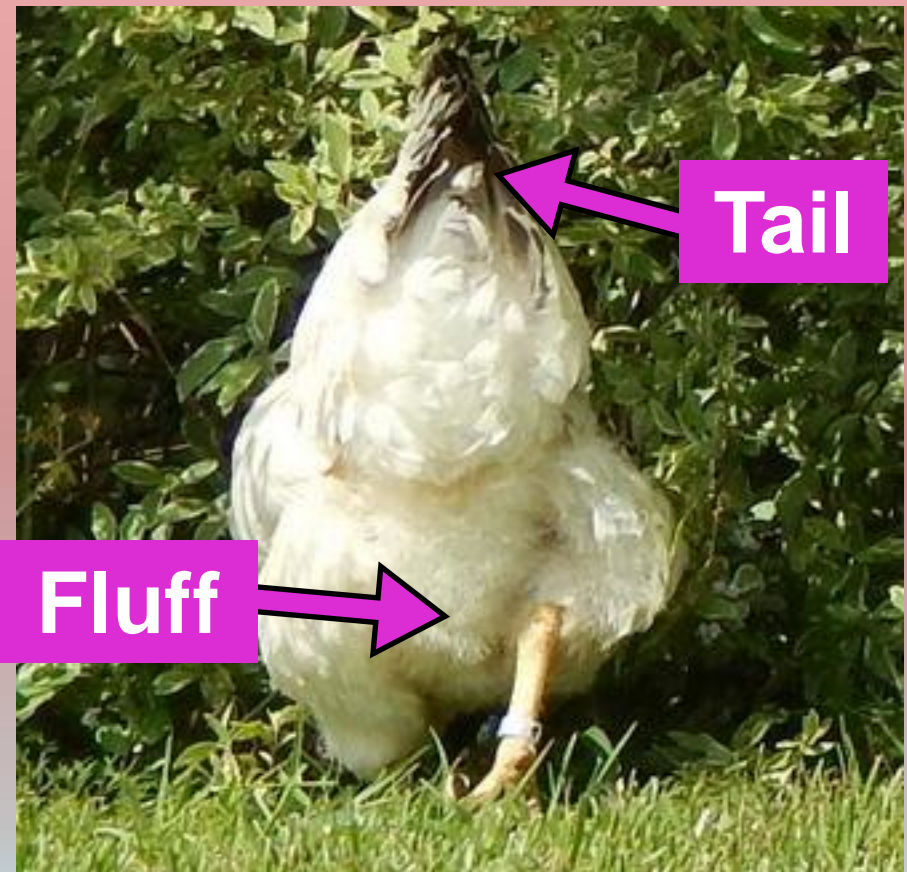
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8- Vent

- ❑ a chicken's vent is the opening where she expels waste AND lays her eggs.
- ❑ It's all one thing!
- ❑ "**Cloaca**" is the anatomical term for vent.





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9- Spurs

- is a **sharp-Horn protrusion** that can grow on the legs of chickens, and is used for **fighting and self-defense**.
- Although all chickens have the potential to grow spurs, large spurs are most common on **roosters**.
- Hens can and sometimes do have large spurs, but generally do not.





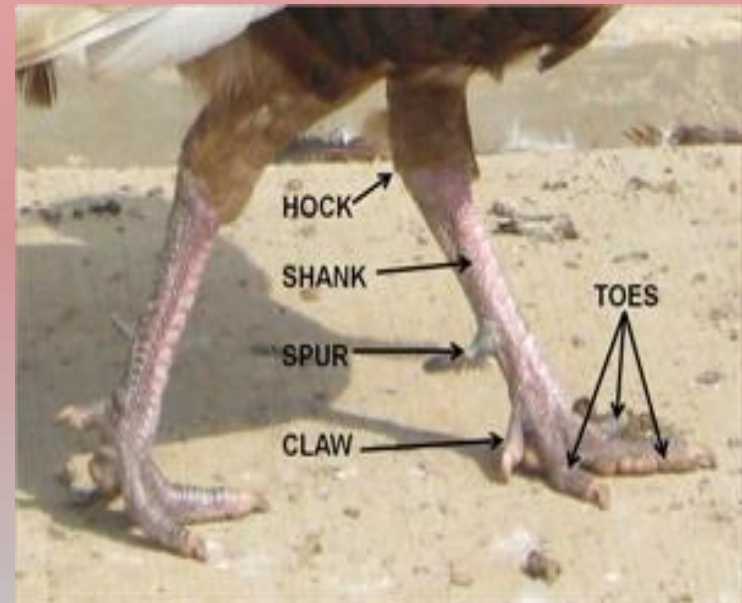
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10- Leg

- The chicken has a pair of leg and every leg consist of:
 - Hock:** Joint between the thigh and shank.
 - Shank:** The portion of chicken's leg below the hock .
 - Toes:** Most chickens have three toes projecting forward and one projecting back, sometimes referred to as **Claws.**





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Type of feathers on
chicken body

1. Hackle Feathers.



2. Saddle Feathers.





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Type of feathers on
chicken body

3. Sickle Feathers.



4. Fluff.





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5. The feather on the wings:

- a) **Primary Feathers:** Longer wing feathers growing from the outer section
- b) **Secondary Feathers:** Longer wing feathers growing from middle section
- c) **Axial Feathers:** Short feather between primary and secondary feathers of the wing.



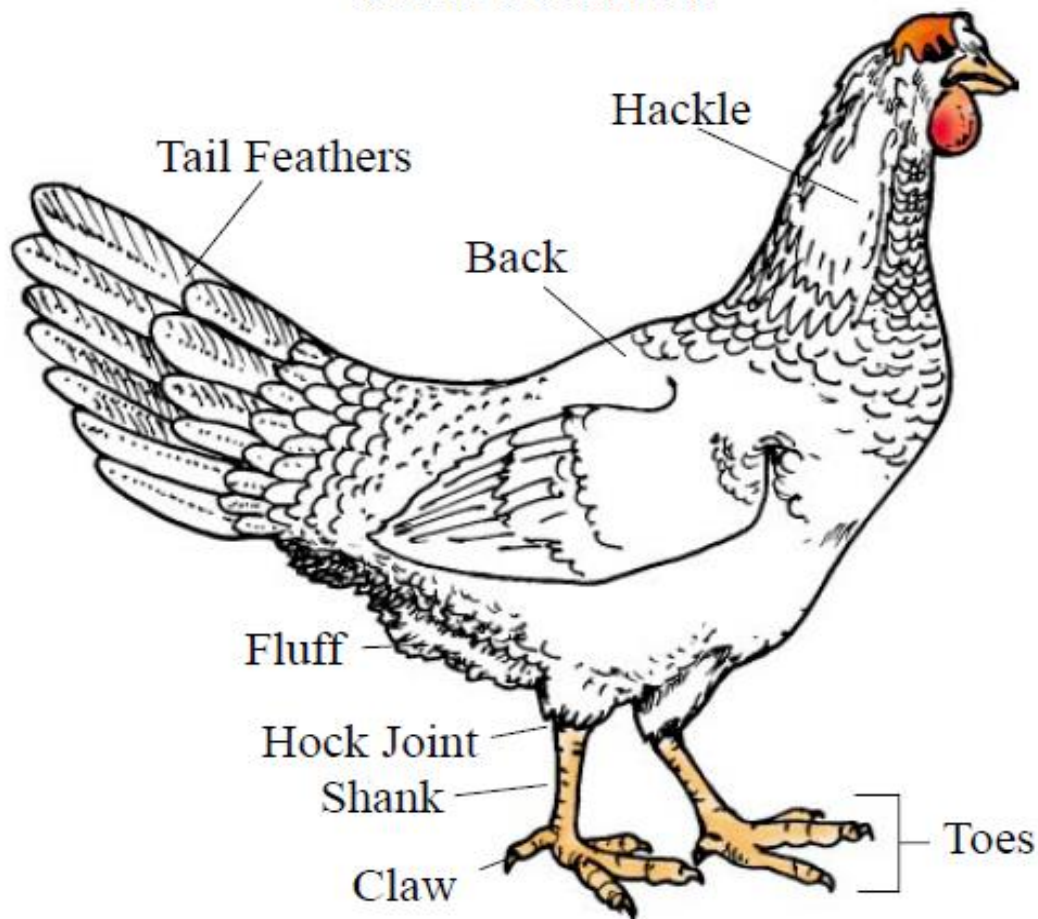


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Parts of a Hen



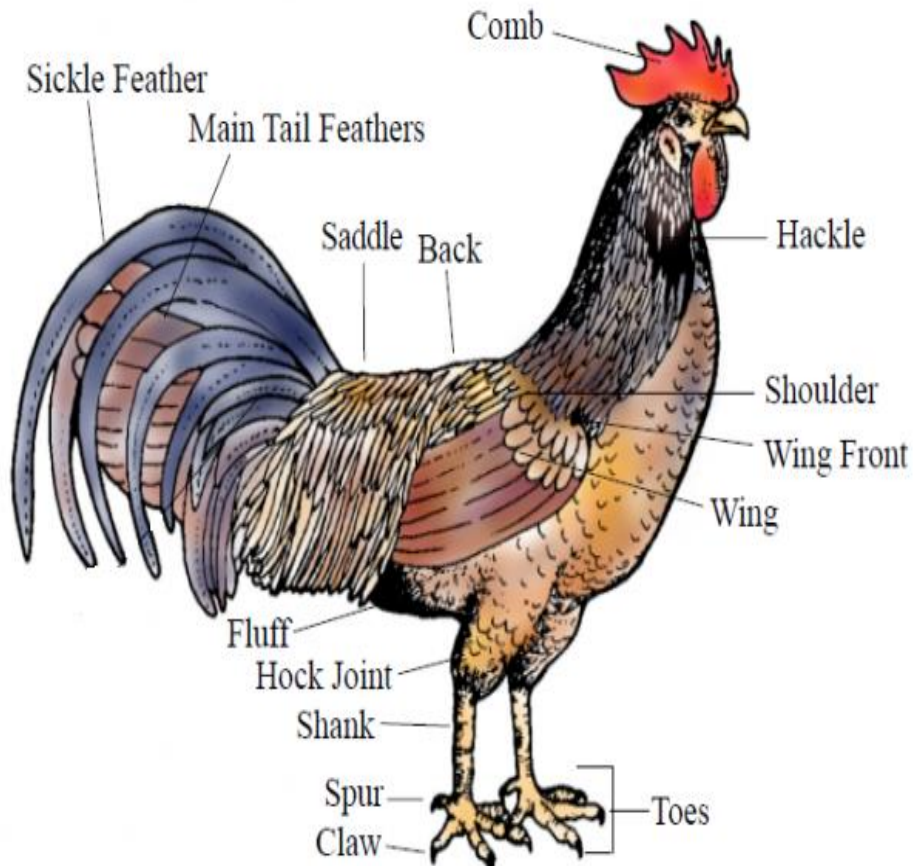


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Parts of a Rooster





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The differences between male and female chickens:

- 1) The size of the **comb and wattles.**
- 2) The size of the **spurs (in older birds).**
- 3) The characteristics of **the feathers.**





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Molting

- Shorter days ... in autumn season.
- To chickens, it is time to renew their feathers.
- Molting causes stopping egg production.





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Order of the molt

- During the molt, feathers are dropped from the various parts of the body in a definite order,
- that is:

- | | |
|-----------|------------|
| 1. head | 5. abdomen |
| 2. neck | 6. Fluff |
| 3. breast | 7. wings |
| 4. back | 8. Tail |





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