RESPIRATORY CONTROL

Respiratory acidosis = ↓ H_2CO_3
.. alkalosis = ↑ H_2CO_3

RENAL CONTROL

Metabolic alkalosis = ↓ HCO_3^-
.. acidosis = ↑ HCO_3^-

The normal ratio of 1 part H_2CO_3 to 20 parts HCO_3^-, indicating that the body is in acid-base balance.