



FIGURE 15-2: Pituitary hormones and target glands.

TABLE 15.1 Hormones Secreted by the Pituitary Gland

Hormone	Target Organs and Effect	Overproduction Causes...	Underproduction Causes...
Front or Anterior Pituitary Gland			
Adrenocorticotrophic hormone (ACTH)	Regulates the release of epinephrine and glucocorticoids from the adrenal glands, which determines fight-or-flight responses of the autonomic nervous system	Cushing's disease	Addison's disease
Thyroid-stimulating hormone (TSH)	Regulates the release of hormones in the thyroid gland, which affects energy	Graves' disease	Myxedema in adults, cretinism in children