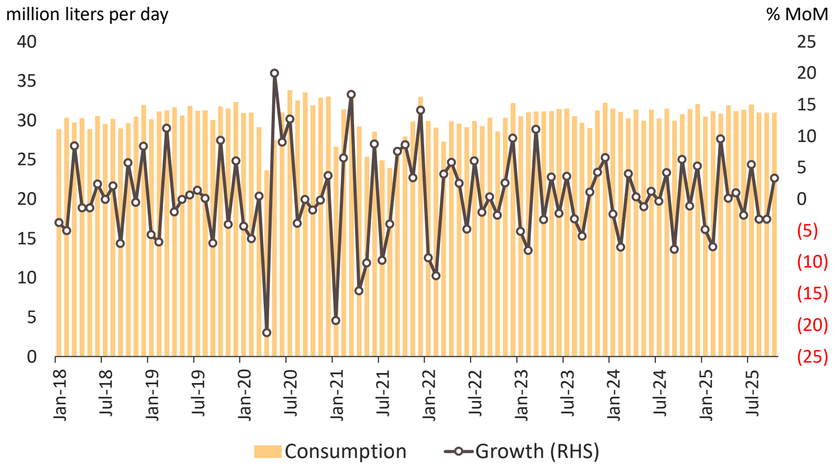
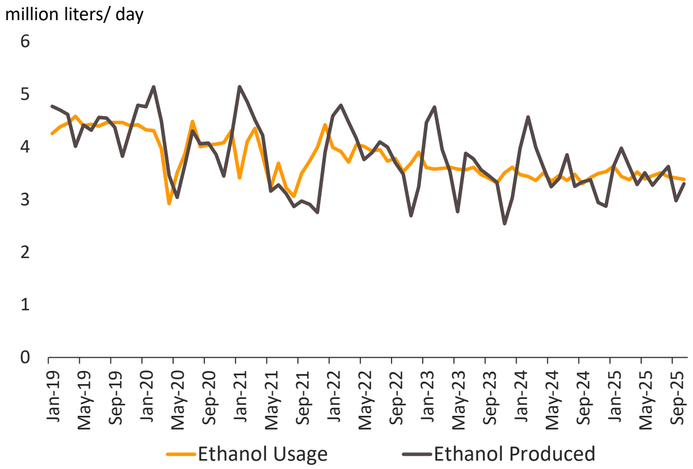
Ethanol (เอทานอล)

Gasohol Consumed per Day



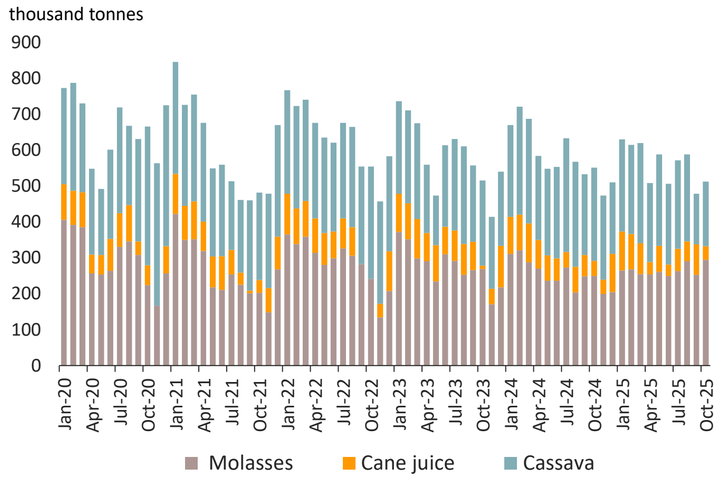
Source: EPPO

Ethanol Produced & Usage



Source: DEDE

Raw Materials



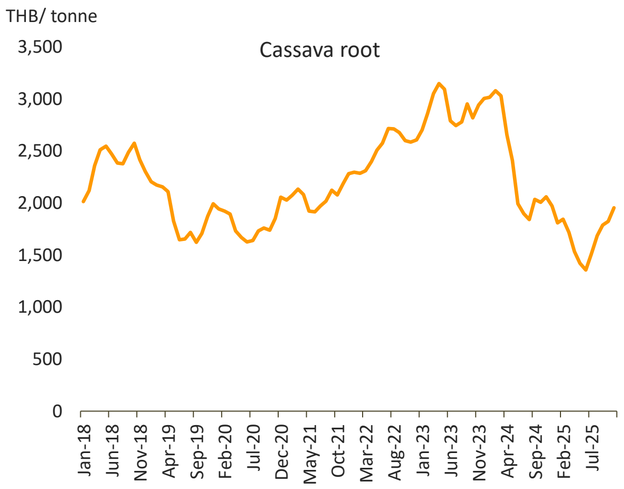
Thai Ethanol Installed Capacity

	Producer	Raw material	Installed Capacity (litres/day)
Ethanol Factory (Molasses + Cane Juice)			
1	KTIS Bioethanol Co., Ltd.	Molasses	230,000
2	Thai Sugar Ethanol Co., Ltd.	Molasses	200,000
3	Mitrphol Biofuel Co., Ltd. (Chaiyaphum)	Molasses	500,000
4	Mitrphol Biofuel Co., Ltd. (Kalasin)	Molasses	230,000
5	Mitrphol Biofuel Co., Ltd. (Kuchinarai)	Molasses	320,000
6	Mitrphol Biofuel Co., Ltd. (Danchang)	Molasses	200,000
7	K.I Ethanol Co., Ltd.	Molasses	200,000
8	KSL Green Innovation PCL.	Molasses	150,000
9	KSL Green Innovation PCL. (Bo Phloi)	Molasses	300,000
10	Thai Roong Ruang Energy Co., Ltd.	Molasses	270,000
11	Maesot Green Energy Co., Ltd.	Cane juice	230,000
	Total (1)		**2,830,000**
Ethanol Factory (Cassava + Molasses)			
12	Rajburi Ethanol Co., Ltd.	Cassava chips/Molasses	150,000
13	E.S. Power Co., Ltd.	Cassava chips/Molasses	150,000
14	Thai Alcohol PCL.	Cassava chips/Molasses	200,000
15	Thai Agro Energy PCL. (Danchang)	Cassava chips/Molasses	350,000
16	Impress Ethanol Co., Ltd.	ssava roots/cassava chips/Molass	200,000
	Total (2)		**1,050,000**
Ethanol Factory (Cassava)			
17	Sapthip Green Energy Co., Ltd.	Cassava chips	200,000
18	Thai Ethanol Power PCL.	Cassava roots	80,000
19	Taiping Ethanol Co., Ltd.	Cassava roots	300,000
20	P.S.C Starch Products PCL.	Cassava chips	150,000
21	E85 Co., Ltd.	Cassava roots	385,000
22	Ubon Bio Ethanol Co., Ltd.	Cassava roots/cassava chips	400,000
23	Bangchak Bioethanol Co., Ltd.	Cassava roots/cassava chips	150,000
24	UP VENTURES Co.,LTD.	Cassava chips	340,000
25	Fakwantip Co., Ltd.	Cassava roots	60,000
26	Pornvilai International Group Trading Co.,Ltd	Cassava chips/Molasses	25,000
	Total (3)		**2,090,000**
	Total (1)+(2)+(3)		**5,970,000**

Source: DEDE (October, 2021)

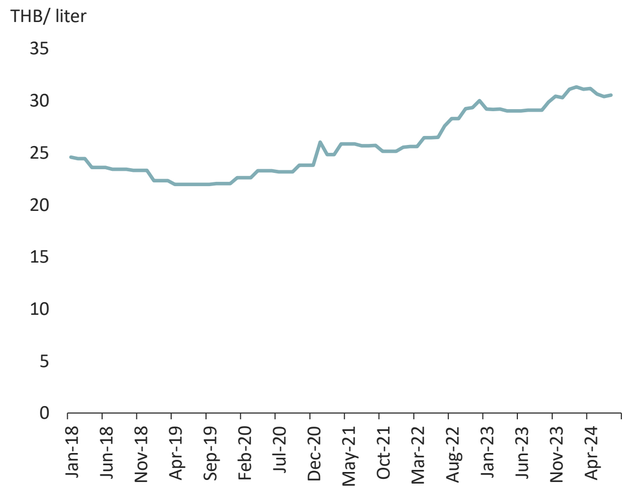
Raw Material Prices & Ethanol Reference Prices

Raw Material Prices



Source: OAE

Ethanol Reference Price



Source: EPPO

Ethanol (เอทานอล)

Ethanol Usage

Millon liters/day (average)

	2021	2022	2023	2024	2025
Jan	3.41	3.99	3.60	3.47	3.63
Feb	4.10	3.91	3.58	3.44	3.44
Mar	4.35	3.71	3.59	3.36	3.38
Apr	3.83	4.04	3.61	3.51	3.52
May	3.22	4.01	3.58	3.35	3.39
Jun	3.69	3.92	3.56	3.46	3.45
Jul	3.22	3.95	3.61	3.36	3.51
Aug	3.06	3.73	3.47	3.48	3.43
Sep	3.49	3.78	3.40	3.30	3.41
Oct	3.73	3.53	3.31	3.42	3.38
Nov	3.99	3.69	3.51	3.49	
Dec	4.42	3.90	3.61	3.53	
Avg	**3.71**	**3.85**	**3.54**	**3.43**	**3.45**

Source: DEDE

Ethanol Produced

Millon liters/ day (average)

	2021	2022	2023	2024	2025
Jan	5.14	4.59	4.46	3.97	3.63
Feb	4.86	4.79	4.76	4.57	3.98
Mar	4.51	4.47	3.95	3.99	3.62
Apr	4.22	4.16	3.53	3.61	3.28
May	3.16	3.76	2.77	3.24	3.51
Jun	3.28	3.89	3.87	3.40	3.27
Jul	3.11	4.10	3.77	3.85	3.46
Aug	2.87	4.00	3.56	3.25	3.63
Sep	2.97	3.70	3.45	3.34	2.98
Oct	2.91	3.48	3.33	3.37	3.29
Nov	2.75	2.69	2.54	2.94	
Dec	3.90	3.24	3.03	2.87	
Avg	**3.64**	**3.91**	**3.59**	**3.53**	**3.46**

Raw Material

(unit: thousand tonnes)

	2024				2025			
	Molasses	Cane Juice	Cassava	Total	Molasses	Cane Juice	Cassava	Total
Jan	310	104	255	670	265	109	256	630
Feb	321	99	301	721	268	98	249	614
Mar	288	108	291	687	255	86	279	620
Apr	270	79	235	584	254	35	219	508
May	236	71	241	548	261	72	256	588
Jun	237	62	254	553	249	32	225	506
Jul	273	43	318	633	263	62	246	571
Aug	203	72	292	567	290	56	243	588
Sep	249	59	226	533	252	85	141	478
Oct	250	42	260	551	294	39	180	
Nov	200	40	234	473				
Dec	205	106	199	510				
Total	**3,042**	**884**	**3,104**	**7,030**	**2,651**	**672**	**2,293**	**5,616**

Ethanol Reference & Raw Material Prices

Ethanol Reference Price

(unit: THB/ liter)

	2023	2024	2025
Jan	29.19	31.10	
Feb	29.16	31.32	
Mar	29.20	31.09	
Apr	29.01	31.18	
May	29.01	30.65	
Jun	29.01	30.40	
Jul	29.10	30.52	
Aug	29.10		
Sep	29.10		
Oct	29.88		
Nov	30.44		
Dec	30.29		
Avg	**29.37**	**30.89**	**#DIV/0!**

Source: EPPO

Cassava root

(unit: THB/ tonne)

	2023	2024	2025
Jan	2,700	3,015	1,807
Feb	2,860	3,080	1,842
Mar	3,050	3,027	1,718
Apr	3,147	2,655	1,533
May	3,092	2,407	1,422
Jun	2,790	1,992	1,356
Jul	2,742	1,898	1,510
Aug	2,777	1,840	1,685
Sep	2,952	2,034	1,786
Oct	2,818	2,007	1,822
Nov	2,942	2,060	1,952
Dec	3,002	1,970	
Avg	**2,906**	**2,332**	**1,676**

Source: OAE

Molasses (avg. export price)

(unit: THB/ tonne)

	2023	2024	2025
Jan	4,995	5,433	
Feb	4,960	46,023	
Mar	5,827	4,980	
Apr	4,896	32,744	
May	4,623	6,003	
Jun	5,384	44,711	
Jul	6,647	8,245	
Aug	4,902	6,693	
Sep	7,885	8,155	
Oct	11,531	6,935	
Nov	5,893		
Dec	6,683		
Avg	**6,186**	**16,992**	

Source: MOC