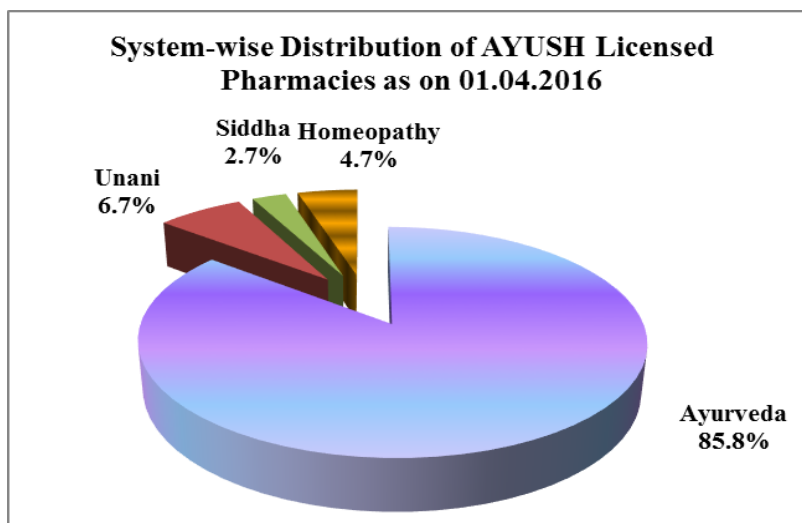


SECTION 5: LICENSED PHARMACIES UNDER AYUSH

During the recent past, inclination of populace towards AYUSH System of medicine has been observed. To meet the increasing demand of AYUSH medicines, and to provide AYUSH medicines of reasonably good quality, there is a need to have licensed pharmacies for AYUSH medicines with good manufacturing practices. Prior to 2007, Good Manufacturing Practices (GMP) was mandatory for the Ayurveda, Siddha and Unani (ASU) drug manufacturing units only. It was also made mandatory for Homoeopathy in 2007.

As on 01.04.2016, there were 8667 AYUSH drug manufacturing units (licensed pharmacies) in the country. Out of these, 99.5% of the licensed pharmacies were controlled by non-government bodies, and only 0.5% licensed pharmacies were in Government sector. The distribution of total licensed pharmacies of all the four systems Ayurveda, Unani, Siddha and Homoeopathy were 7439, 585, 235 and 408 respectively. System-wise

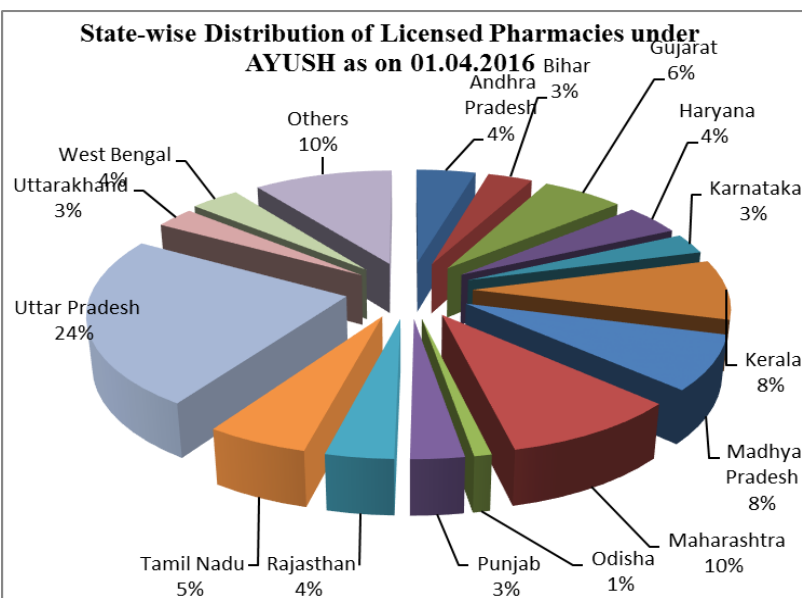
distribution of these units were quite uneven as 85.8% licensed pharmacies belonged to Ayurveda, whereas, 6.7%, 2.7% and 4.7% were under Unani, Siddha and Homoeopathy systems respectively.



There were 30 states and union territories of the country which have AYUSH licensed pharmacies as on 1.4.2016. No AYUSH drug manufacturing unit have been reported in states of Manipur, Meghalaya, Mizoram and Nagaland and in Union Territories of Andaman & Nicobar Islands and Lakshadweep. Uttar Pradesh has the Maximum number 2065 of AYUSH licensed pharmacies. The states of Gujarat, Kerala, Maharashtra, Madhya Pradesh, Tamil Nadu, Telangana and Uttar Pradesh each were having more than 5% of AYUSH licensed

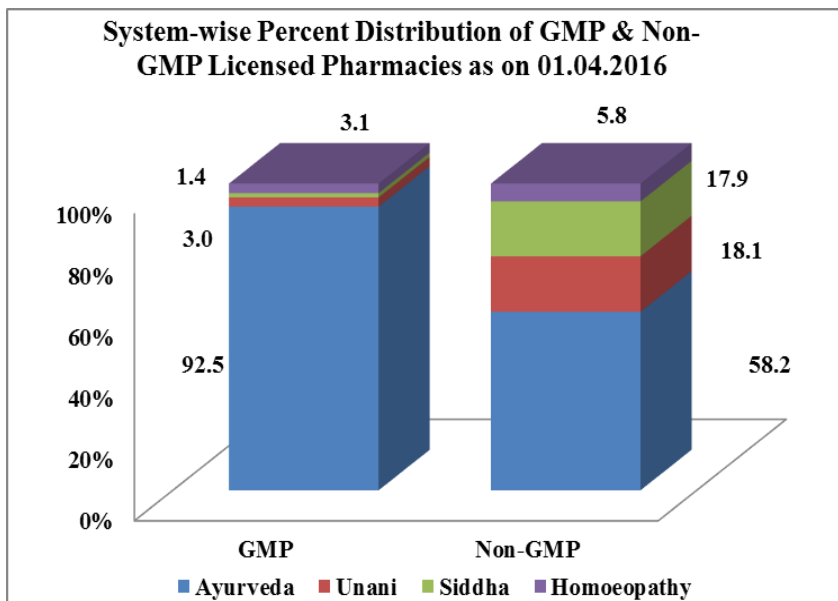
pharmacies. Maximum number of Ayurveda and Unani pharmacies, viz., 1718 and 311 respectively are existed in the Uttar Pradesh. Licensed pharmacies under Siddha systems existed in the states of Tamil Nadu (228), Puducherry (04) and Kerala (3). A majority of Homoeopathy licensed pharmacies 31.9% existed in the state of West Bengal followed by Maharashtra (17.3%), Uttar Pradesh (16.0%), Kerala (5.8%) and Telangana (6.0%).

The States/ UTs of Manipur, Meghalaya, Mizoram, Nagaland, Andaman & Nicobar Islands and Lakshadweep reported to have no licensed pharmacy under any AYUSH system. Besides, there



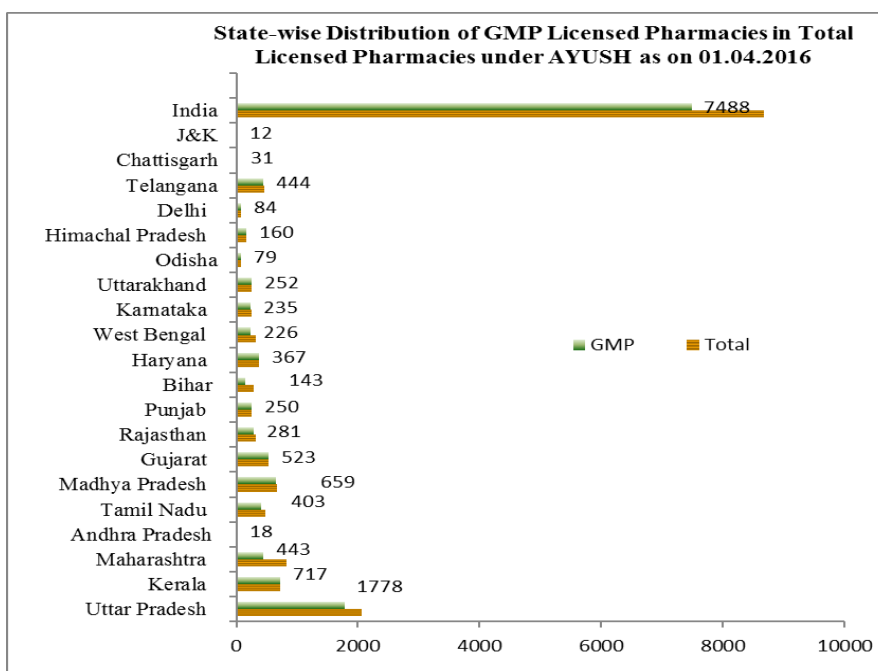
was no Homoeopathy licensed pharmacy in Arunachal Pradesh, Assam, Chhattisgarh, Delhi, Goa, Haryana, Punjab, Rajasthan, Sikkim, Uttarakhand, Chandigarh and Daman & Diu. Unani licensed pharmacies existed in the states of Andhra Pradesh, Bihar, Delhi, Jammu & Kashmir, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Rajasthan, Tamil Nadu, Telangana, Uttar Pradesh, Uttarakhand and West Bengal.

Except Arunachal Pradesh, Jharkhand, Manipur, Meghalaya, Mizoram, Nagaland, Tripura, A&N Islands and Lakshadweep; rest of the states have pharmacies with Good Manufacturing Practices (GMP). Out of all drug manufacturing units, GMP-compliant units comprised 86.4% (Non-GMP-compliant units comprises 13.6%) of the total drug manufacturing units, and within the total GMP-compliant units; 92.5% were Ayurveda drug manufacturing units and only 3.0%, 1.4% and 3.1%



were Unani, Siddha and Homoeopathy drug manufacturing units respectively. The states/UTs having cent-percent GMP-compliant drug manufacturing units were Andhra Pradesh, Chhattisgarh, Delhi, Goa, Gujarat, Haryana, Himachal Pradesh, Punjab, Sikkim, Uttarakhand, Chandigarh and Daman & Diu. The other states having higher (greater than 75%) proportion of GMP-compliant units were Andhra Pradesh (97.4), Karnataka (95.6%), Kerala (98.7%), Madhya Pradesh (99.6%), Odisha (96.3), Rajasthan (88.4%), Tamilnadu (84.7), Telangana (95.5), Uttar Pradesh (86.1%), Uttarakhand (95.6%) and West Bengal (72.0%),

The States/ UTs of Andhra Pradesh, Chhattisgarh, Delhi, Goa, Gujarat, Haryana, Himachal Pradesh, Madhya Pradesh, Punjab, Sikkim, Telangana, Uttar Pradesh, Uttarakhand, West Bengal, Chandigarh and Daman & Diu were having cent-percent GMP-compliant drug manufacturing units under Ayurveda system. Other states which have higher (greater than 75%) proportion of GMP-compliant units under Ayurveda were Karnataka, Kerala, Odisha, Rajasthan,



Tamilnadu and Uttarakhand. All Unani drug manufacturing units were GMP-compliant in the states of Andhra Pradesh, Delhi, Karnataka, Kerala, Madhya Pradesh, Telangana, Uttarakhand and West Bengal. All Siddha drug manufacturing units were GMP-compliant in the state of Kerala only, Likewise, in the States of Andhar Pradesh, Gujarat, Himachal Pradesh, Kerala, Maharashtra, Odisha, Tamil Nadu and Uttar Pradesh; all Homoeopathic drug manufacturing units were GMP-compliant.

During the period 1993-2016, the variation in distribution of licensed pharmacies under various systems of AYUSH has been observed. The proportion of Ayurveda licensed pharmacies increased from 79.9% in 1993 to 85.8% in 2016, whereas, proportions of Siddha and Homoeopathy licensed pharmacies decreased from 5.8% and 9.7% in 1993 to 2.7% and 4.7% in 2015 respectively.

A trend of - 0.11% per annum has been observed in the number of licensed pharmacies under AYUSH systems during the period 1993-2016. An average annual growth rate of 0.21% was realized in Ayurveda pharmacies and in Unani is 1.64%, whereas, Siddha and Homoeopathy pharmacies declined at average annual rates of 3.48% and 3.35% respectively. During 2015-16, the annual growth rate of AYUSH pharmacy industry has decreased by 6.6%. The annual growth rates of 2015-16 in Ayurveda, and Homoeopathy have been increased to be 15.8%, and 1.2% respectively, However, the annual growth rate of Unani pharmacies has been increased to be 11.64%.

